



# Final Environmental Impact Report for the West Broadway Specific Plan

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April 2020

Final Environmental Impact Report  
for the  
West Broadway Specific Plan  
State Clearinghouse No. 2018072032

Prepared for

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# LIST OF ABBREVIATIONS

Caltrans	California Department of Transportation
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CVRWQCB	Central Valley Regional Water Quality Control Board
DSH	diameter at standard height
DTSC	California Department of Toxic Substances Control
EIR	Environmental Impact Report
ESA	environmental site assessment
FGC	California Fish and Game Code
HUD	U.S. Department of Housing and Urban Development
LOS	level of service
MMP	Mitigation Monitoring Plan
MMRP	Mitigation Monitoring and Reporting Program
MTP/SCS	Metropolitan Transportation Plan/Sustainable Communities Strategy
NOP	Notice of Preparation
PM <sub>2.5</sub>	fine particulate matter
PUD	Planned Unit Development
RAD	Rental Assistance Demonstration
SACOG	Sacramento Area Council of Governments
SEL	sound exposure levels
SHRA	Sacramento Housing and Redevelopment Agency
SMAQMD	Sacramento Metropolitan Air Quality Management District
SMUD	Sacramento Municipal Utility District
sq. ft.	square feet
VMT	vehicle miles traveled
WBSP	West Broadway Specific Plan

# 1 INTRODUCTION

## 1.1 PURPOSE OF THIS DOCUMENT

This Final Environmental Impact Report (EIR) includes all agency and public written comments received on the Draft EIR (State Clearinghouse [SCH] # 2018072032) for the West Broadway Specific Plan (WBSP) project. Also included are changes in the text of the Draft EIR either in response to written comments or initiated by staff.

The WBSP and related documents can be found on the City's website:

<https://www.cityofsacramento.org/Community-Development/Planning/Major-Projects/West-Broadway-Specific-Plan>.

Written comments were received by the City of Sacramento in response to the public comment period from December 23, 2019 through February 20, 2020. This document includes written responses to each comment received on the Draft EIR. This Final EIR document has been prepared in accordance with the California Environmental Quality Act (CEQA) and together with the Draft EIR (and Appendices) constitutes the EIR for the proposed WBSP that will be used to inform decision-makers on the environmental impacts of the WBSP as they decide whether to approve this project.

The responses to comments and any associated text changes correct, clarify, and amplify the information in the Draft EIR, as appropriate. As noted in further detail in Chapter 3, "Comments and Responses," these changes do not alter the conclusions of the Draft EIR. As explained in section 2.1, recirculation of the Draft EIR is not required.

## 1.2 SUMMARY OF THE WEST BROADWAY SPECIFIC PLAN

Development within the Specific Plan area has historically occurred sporadically and on a parcel-by-parcel- basis. There are exceptions: The Marina Vista and Alder Grove public housing projects, which are located in the southern and eastern portions of the Specific Plan area, were originally constructed in the 1940s; the Northwest Land Park Planned Unit Development (PUD) (also referred to as The Mill), a four-phase, residential community within the central portion of the Specific Plan area, was initially approved by the City in 2011 and is currently under construction. Phase 5 of The Mill, which was not a part of the original planned unit development, was submitted to the City for review in 2018. Miller Regional Park, located on the west boundary of the Specific Plan area, was developed beginning in 1956.

Similarly, various historic planning efforts have focused on discrete land use types and developments within the Specific Plan area, including: the Sacramento Riverfront Master Plan, the Northwest Land Park Planned Unit Development Guidelines, and the Urban Land Institute's – Broadway Vision Plan. More recently, revitalization planning for the Specific Plan area occurred through preparation of the Upper Land Park-Broadway Choice Neighborhoods Transformation Plan, addressing the Marina Vista and Alder Grove public housing communities. Two other planning projects, the Broadway Complete Streets Plan and Broadway Bridge Project, are currently underway.

The WBSP focuses on reintegrating the western portion of Broadway and the Upper Land Park area into the fabric and activity of the City. Development along Broadway is seeing a resurgence of activity, and the area is a key focus of recent plans and development that will alter the character and identity of the Specific Plan area. These existing plans include:

- ▶ The Mill at Broadway development, which is changing the industrial character of this area into a modern, urban residential community, with over 1,000 new urban homes, a new neighborhood park, multi-use trails, and new neighborhood amenities.
- ▶ Plans for the Broadway Bridge, which will connect the Stone Locks/Pioneer Bluff area of West Sacramento to Sacramento via the Broadway corridor.
- ▶ The Complete Streets Plan for Broadway, being led by the City, will revise the configuration of Broadway within the Specific Plan area from two lanes in each direction to one lane in each direction and a center turn lane. This will reduce traffic speed and support a main-street environment that will attract walkable retail activity and supporting land uses along Broadway.

The Specific Plan area also encompasses Miller Regional Park and the Sacramento Marina, a large but underutilized park and open space amenity, with access and views to the Sacramento River. The programs and activities at Miller Regional Park and the Sacramento Marina have the potential to be reimagined to become a more valuable amenity to the surrounding community. For this reason, the plan includes two scenarios: Scenario A, which involves the redevelopment and reconfiguration of Miller Regional Park and the Sacramento Marina to provide additional active recreation and special event space; and Scenario B, which involves the retention of both Miller Regional Park and the Sacramento Marina in their current configuration. Both scenarios are evaluated in this EIR, with Scenario A identified as part of the proposed project for analysis in this EIR, consistent with CEQA requirements and due in part to the level of development that would occur under this scenario. Scenario B is presented as an option for consideration by the City. Refer to the description of the “Marina Miller Regional Park Special Study Area” discussion below for further clarification.

The proposed WBSP under Scenario A for the Marina/Miller Regional Park anticipates construction and operation of new development (new buildings and new uses) combined with intensification of existing buildings and occupancy of currently vacant parcels or buildings. While actual future development patterns may vary from these plan assumptions, implementation of the WBSP could result in the development of up to 3,787 new residences, a net new 16.8 acres of parks and recreation space, and up to 42,500 square feet (sq. ft.) of new recreation-related building space, including a broader range of recreational options within the Miller Regional Park and the Sacramento Marina, as noted above. Under Scenario A, up to 175 boat slips could be removed, and the marina would be reconfigured. Commercial/industrial building space in the park and marina is anticipated to decrease under the WBSP by approximately 10,775 sq. ft.

With implementation of the Scenario B option, the anticipated increase in residential uses would remain at 3,787 residential uses. However, an additional decrease of approximately 40,000 sq. ft. of commercial/industrial space could occur and the net increase in recreation-related building space would be limited to approximately 27,500 sq. ft. as a result of retaining the Sacramento Marina in its current configuration and providing a more limited growth area for recreational activity within Miller Regional Park.

## 1.3 PROJECT ACTIONS

Adoption of the proposed WBSP is anticipated to include, but may not be limited to, the following City actions:

- ▶ Certification of the EIR to determine that it was completed in compliance with CEQA and that the decision-making body has reviewed and considered the information in the document;

- ▶ Adoption of a Mitigation Monitoring Plan (MMP), which specifies the methods for monitoring mitigation measures required to eliminate or reduce the project's significant effects on the environment;
- ▶ Adoption of Findings of Fact, and for any impacts determined to be significant and unavoidable, a Statement of Overriding Considerations;
- ▶ Approval of a Water Supply Assessment;
- ▶ Approval of one or more amendments to the 2035 General Plan;
- ▶ Approval of one or more parcel rezones;
- ▶ Approval of the West Broadway Specific Plan;
- ▶ Approval of one or more amendments to the Planning and Development Code; and
- ▶ Approval of one or more amendments to the City of Sacramento Bicycle Master Plan.

Subsequent individual projects implemented under the proposed WBSP could include, but may not be limited to, the following actions by entities other than the City:

- ▶ Approval of a construction activity stormwater permit, including a Stormwater Pollution Prevention Plan, by the state Central Valley Regional Water Quality Control Board (Water Board) ;
- ▶ Approval of a GO-88B permit to modify an at-grade railroad crossing by California Public Utilities Commission;
- ▶ Approval of a pre-treatment permit from the Sacramento Regional County Sanitation District to allow discharges associated with construction dewatering to the combined sewer system; and
- ▶ Approval of a stationary source permit from the Sacramento Metropolitan Air Quality Management District.

In addition, any development (e.g., new bridges and/or modifications to the Sacramento Marina) within the Specific Plan area that requires modifications to the levees or in-water work would require, but may not be limited to, the following actions by entities other than the City:

- ▶ Authorization under General Bridge Act of 1946, as amended for new bridge over navigable waters of the U.S. by United States Coast Guard;
- ▶ Authorizations under Sections 404 and 408 of the Clean Water Act for excavation in regulated levees by United States Army Corps of Engineers;
- ▶ Coordination regarding threatened and endangered species with National Marine Fisheries Service, United States Fish and Wildlife Service, and California Department of Fish and Wildlife (CDFW);
- ▶ Authorization under Section 1600 et al. of California Fish and Game Code by CDFW;
- ▶ Approval of a water quality certification under Section 401 of the Clean Water Act by the Water Board; and
- ▶ Approval of an encroachment permit by the Central Valley Flood Protection Board.

## 1.4 ORGANIZATION OF THE FINAL EIR

The Final EIR is organized as follows:

**Chapter 1 – Introduction and List of Commenters:** This chapter summarizes the project under consideration and describes the contents of the Final EIR. This chapter also contains a list of all of the agencies or persons who submitted comments on the Draft EIR during the public review period, presented in order by agency, organization, individual and date received.

**Chapter 2 – Revisions to the Draft EIR:** This chapter describes changes and refinements made to the proposed WBSP since publication of the Draft EIR. These refinements, clarifications, amplifications, and corrections, which are described as a narrative in the beginning of the chapter, would not change the environmental analysis and conclusions presented in the Draft EIR for the reasons discussed in Chapter 2. This chapter also summarizes text changes made to the Draft EIR in response to comments made on the Draft EIR and staff-initiated text changes. Changes to the text of the Draft EIR are shown by either strikethrough where text has been deleted, or double underline where new text has been inserted.

**Chapter 3 – Comments and Responses:** This chapter contains the comment letters received on the Draft EIR followed by responses to individual comments. Each comment letter is presented with brackets indicating how the letter has been divided into individual comments. Each comment is given a binomial with the letter number appearing first, followed by the comment number. For example, comments in Letter A1 are numbered A1-1, A1-2, A1-3, and so on. Immediately following the letter are responses, each with binomials that correspond to the bracketed comments.

If the subject matter of one letter overlaps that of another letter, the response may cross reference other responses. In some cases, similar comments were made in multiple comment letters. To address comments that have similar themes, master responses are provided at the beginning of the chapter, and individual responses may refer the reader to the master response(s).

Some comments that were submitted to the City do not pertain to substantial environmental issues or do not address the adequacy of the analysis contained in the Draft EIR. Responses to such comments, though not required, are included to provide additional information. When a comment does not directly pertain to environmental issues, the response notes the comment and may provide additional information where appropriate. Many comments express opinions about the merits or specific aspects of the proposed WBSP and these are included in the Final EIR for consideration by the decision-makers.

**Chapter 4 – Mitigation Monitoring Plan:** This chapter contains the MMP to guide the City in its implementation and monitoring of measures adopted in the EIR, and to comply with the requirements of Public Resources Code Section 21081.6(a).

## 1.5 PUBLIC PARTICIPATION AND REVIEW

The City of Sacramento has complied with all noticing and public review requirements of CEQA. This compliance included notification of all responsible and trustee agencies and interested groups, organizations, and individuals that the Draft EIR was available for review. The following list of actions took place during the preparation, distribution, and review of the Draft EIR:

- ▶ A Notice of Preparation (NOP) for the EIR was filed with the SCH on July 12, 2018. The official 30-day public review comment period for the NOP ended on August 13, 2018 (SCH #2018072032). The NOP was distributed in particular to governmental agencies, organizations, and persons interested in the proposed WBSP. The City sent the NOP to agencies with statutory responsibilities

in connection with the proposed WBSP with the request for their input on the scope and content of the environmental information that should be addressed in the EIR. The NOP was also published on the City's website and filed at the County Clerk's office.

- ▶ A public scoping meeting for the EIR and community open house was held on July 25, 2018 to inform the public about the WBSP and invite public comment on the WBSP and the scope of the EIR.
- ▶ A Notice of Completion and copies of the Draft EIR were filed with the SCH on December 23, 2019. The official public review period for the Draft EIR was established by the City, ending on February 20, 2020. A Notice of Availability for the Draft EIR was published in the Daily Recorder on December 23, 2019 and sent to appropriate public agencies and interested parties. The Draft EIR was also published on the City's website at <http://www.cityofsacramento.org/CommunityDevelopment/Planning/Environmental/Impact-Reports>.
- ▶ Copies of the Draft EIR were available for review at:

City of Sacramento  
Community Development Department  
300 Richards Boulevard, Third Floor  
Sacramento, CA 95811

## 1.6 LIST OF COMMENTERS

The City of Sacramento received 19 comment letters during the comment period on the Draft EIR for the proposed WBSP. Table 1-1 below indicates the numerical designation for each comment letter, the author of the comment letter, and the date of the comment letter.

**Table 1-1 Comment Letters Regarding the Draft EIR**

Letter #	Entity	Author(s) of Comment Letter/Email	Date of Comment Letter/Email
<b>Agencies – State and Local</b>			
S1	California Department of Toxic Substances Control	Gavin McCreary, Project Manager	January 3, 2020
S2	California Department of Fish and Wildlife	Jeanette N. Griffin, Environmental Scientist	February 13, 2020
S3	California Department of Fish and Wildlife	Gregg Erikson, Regional Manager	March 6, 2020
L1	Central Valley Regional Water Quality Control Board	Jordan Hensley, Environmental Scientist	February 13, 2020
L2	Sacramento Metropolitan Air Quality Management District	Teri Duarte, MPH, Planner/Analyst	February 19, 2020
L3	Sacramento Municipal Utility District	Nicole Goi, Regional and Local Government Affairs	February 18, 2020
<b>Organizations</b>			
O1	Land Park Community Association		February 19, 2020
O2	Nathaniel S. Colley, Sr. Civil Rights Coalition (CRCC)		February 20, 2020
O3	Upper Land Park Neighbors Association and Land Park Community Association		February 18, 2020
O4	Upper Land Park Neighbors Association		February 19, 2020
<b>Individuals</b>			
I1		Nicole Amador	February 20, 2020
I2		Brian Biering	February 20, 2020
I3		C.J. Chaffee	January 22, 2020
I4		C.J. Chaffee	February 19, 2020

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<b>Letter #</b>	<b>Entity</b>	<b>Author(s) of Comment Letter/Email</b>	<b>Date of Comment Letter/Email</b>
15		Susan Sidhu-Manuel	February 19, 2020
16		Kimberlee Moravick-Cheng	February 18, 2020
17		Michael Rock	February 16, 2020
18		Dan and Florence Tibbitts	February 20, 2020
19		Jesus Hernandez, PhD	March 9, 2020



## 2 REVISIONS TO THE DRAFT EIR

### 2.1 INTRODUCTION

This chapter describes changes made to the proposed projects since the publication of the Draft EIR as well as text changes made to the Draft EIR in response to a comment letter, initiated by City staff, or in response to a modification to the proposed specific plan.

Under CEQA, recirculation of all or part of an EIR may be required if significant new information is added after public review and before certification. According to State CEQA Guidelines section 15088.5(a), new information is not considered significant “unless the EIR is changed in a way that deprives the public of a meaningful opportunity to comment upon a substantial adverse environmental effect of the project or a feasible way to mitigate or avoid such an effect (including a feasible project alternative) that the project’s proponents have declined to implement.” More specifically, the Guidelines define significant new information as including:

- ▶ A new significant environmental impact resulting from the project or from a new mitigation measure;
- ▶ A substantial increase in the severity of an environmental impact that would not be reduced to insignificance by adopted mitigation measures;
- ▶ A feasible project alternative or mitigation measure considerably different from those analyzed in the Draft EIR that would clearly lessen the environmental impacts of the project and which the project proponents decline to adopt; and
- ▶ A Draft EIR that is so fundamentally and basically inadequate and conclusory that meaningful public review and comment were precluded.

The changes to the proposed specific plan and text changes described below update, refine, clarify, and amplify the project information and analyses presented in the Draft EIR. No new significant impacts are identified, and no information is provided that would involve a substantial increase in severity of a significant impact that would not be mitigated by measures agreed to by the City. In addition, no new or considerably different WBSP alternatives or mitigation measures have been identified. Finally, there are no changes or set of changes that would reflect fundamental inadequacies in the Draft EIR. Recirculation of any part of the Draft EIR therefore is not required.

### 2.2 TEXT CHANGES TO THE DRAFT EIR

This section summarizes text changes made to the Draft EIR either in response to a comment letter, initiated by City staff, or in response to a modification to the proposed WBSP. New text is indicated in double underline and text to be deleted is reflected by a ~~strike through~~. Text changes are presented in the page order in which they appear in the Draft EIR.

The text revisions provide clarification, amplification, and corrections that have been identified since publication of the Draft EIR. The text changes do not result in a change in the analysis or conclusions of the Draft EIR.

## Executive Summary

Table ES-1 has been amended to reflect the modified mitigation measures outlined below for Sections 4.2, “Air Quality” and 4.3, “Biological Resources.”

The second paragraph on page ES-5 has been amended as follows:

~~Either the WBSP project with the Scenario B option or Alternative 3 would be considered the environmentally superior action alternative because although the majority of environmental impacts would be similar to the WBSP, the alternative would result in an increase in the severity of any impacts. For example, the potential impacts to sensitive species and habitat would be avoided without the planned improvements to the Marina/Miller Regional Park Special Study Area under the WBSP project with the Scenario B option, whereas Alternative 3 would generally reduce impacts due to the lesser level of development intensity that would occur within the Specific Plan Area. However, the neither alternative would not achieve the project objectives to the extent of the ~~proposed~~ WBSP.~~

## Chapter 2 Project Description

The following bullet is added after the fifth bullet on page 2-36 regarding anticipated actions by the City with respect to implementation of the WBSP:

- ▶ Approval of an amendment to the boundary of the Central City Specific Plan to remove the portion located west of I-5 and south of US 50;

## Section 4.2 Air Quality

The following sentence has been added to the end of the fourth paragraph on page 4.2-4 of the Draft EIR:

SMAQMD also develops plans and regulations for compliance with standards for fine particulate matter (PM<sub>2.5</sub>) including the PM<sub>2.5</sub> Implementation/Maintenance Plan, to target emissions reductions of PM<sub>2.5</sub> in areas under SMAQMD’s jurisdiction.

The fourth sentence of the first full paragraph under the heading “Particulate Matter” on page 4.2-9 of the Draft EIR has been amended to state:

PM<sub>10</sub> emissions in the SVAB are dominated by emissions from area sources, primarily fugitive dust from vehicle travel on paved and unpaved roads, farming operations, construction and demolition, ~~and~~ particles from residential wood combustion, and wildfires.

The first full paragraph on page 4.2-10 of the Draft EIR has been modified as follows:

Criteria air pollutant concentrations are measured at several monitoring stations in the SVAB. The Sacramento-T Street station is the closest and most representative station to the Specific Plan Area with recent data for ozone and PM<sub>2.5</sub>. Table 4.2-4 summarizes the air quality data from the 3 most recent years of data available ~~(2015–2017)~~(2016-2018).

Table 4.2-4 on page 4.2-11 of the Draft EIR has been amended as follows:

**Table 4.2-4 Summary of Annual Data on Ambient Air Quality (2016-2018)<sup>1</sup>**

	2016	2017	2018
<b>Ozone</b>			
Maximum concentration (1-hr/8-hr avg, ppm)	0.074	0.077	0.084
Number of days state standard exceeded (1-hr/8-hr)	3	3	1
Number of days national standard exceeded (8-hr)	3	3	1
<b>Fine Particulate Matter (PM<sub>2.5</sub>)</b>			
Maximum concentration (24-hour µg/m <sup>3</sup> )	24.4	44.5	149.9 <sup>2</sup>
Number of days national standard exceeded (24-hour measured)	0	2	3
<b>Respirable Particulate Matter (PM<sub>10</sub>)</b>			
Maximum concentration (µg/m <sup>3</sup> )	51.4	150.3 <sup>2</sup>	309.5 <sup>2</sup>
Number of days state standard exceeded	0	0	0
Number of days national standard exceeded	1	21	22

Notes: µg/m<sup>3</sup> = micrograms per cubic meter; ppm = parts per million

<sup>1</sup> Measurements from the Sacramento-T Street station for ozone, respirable particulate matter (PM<sub>10</sub>), and fine particulate matter (PM<sub>2.5</sub>).

<sup>2</sup> The large increase in PM<sub>2.5</sub> for these years was caused by wildfire smoke which impacted the Sacramento region (SMAQMD 2018).

Source: CARB 2019

The second sentence of the last paragraph on page 4.2-14 of the Draft EIR has been modified to state:

Table 2-24 in Chapter 2, “Project Description,” of this EIR details the projected development anticipated under the WBSP.

The first sentence of the second paragraph of Mitigation Measure 4.2-1b on page 4.2-16 of the Draft EIR has been amended to state:

Before any grading activities, the project applicant or its designee shall provide a plan for approval by the ~~County~~City and SMAQMD demonstrating that the heavy-duty off-road vehicles (50 horsepower or more) to be used during construction, including owned, leased, and subcontractor vehicles, will achieve a project-wide fleet-average of 10 percent NOX reduction (depending on available technology and engine Tier) compared to the most recent CARB fleet average.

The first sentence of the first paragraph on page 4.2-18 of the Draft EIR has been modified as follows:

Payment into ~~SMUD’s~~SMAQMD’s mitigation fee program would provide funding for SMAQMD to implement emission reduction projects in the SVAB, such as installing newer engines on off-road equipment or installing EPA-certified woodstoves in the place of non-certified woodstoves in residential units.

The third paragraph on page 4.2-21 of the Draft EIR has been amended as follows:

Project applicants for individual projects within the Specific Plan Area shall comply with the required ~~recommended~~ measures of the WBSP’s AQMP, which would reduce the project’s operational ozone precursors from mobile sources by 15 percent in comparison to the unmitigated project. Section 7.1 of the AQMP requires that 13 percent of all new residential

units include all-electric appliances and exclude natural gas connections to the units and includes specific language about how this mitigation measure will be implemented and requirements for compliance with the measure.

The second sentence of the third paragraph on page 4.2-21 has been amended as follows:

Additionally, each development proposed as part of WBSP implementation would be required to comply with the policies of the 2035-General Plan in effect at the time of project proposal.

The last sentence on page 4.2-22 of the Draft EIR has been amended to state:

Mitigation Measure 4.2-12 below includes details about the AQMP and the mitigation measures required to implemented as part of this EIR that are included in the AQMP.

## Section 4.3 Biological Resources

The following text is added after the first paragraph on page 4.3-2 of the Draft EIR:

Under Section 401 of the CWA, an applicant for a Section 404 permit must obtain a certificate from the appropriate state agency stating that the intended dredging or filling activity is consistent with the state's water quality standards and criteria. In California, the authority to grant water quality certification is delegated by the State Water Resources Control Board to the nine regional water quality control boards. Section 3.9, "Hydrology and Water Quality," includes further discussion of water quality regulations.

Mitigation Measure 4.3-1, beginning on page 4.3-25 of the Draft EIR has been modified to state:

### **Mitigation Measure 4.3-1: Special-Status Plant Surveys, Protection, and Mitigation**

Before construction activities, including ground disturbance or dredging, within the project site, the project applicant shall impose the following conditions:

- ▶ Before construction and during the blooming period for the special-status plant species with potential to occur in the project site, a qualified ~~botanist~~biologist shall conduct protocol-level surveys for special-status plants in areas where potentially suitable habitat would be removed or disturbed by project activities. The surveys shall be conducted in accordance with the most current version of CDFW's *Protocol for Surveying and Evaluating Impacts to Special-Status Native Plant Populations and Natural Communities* (2009), including the reporting requirements. The blooming period for woolly rose-mallow is approximately June to September and for Mason's lilaeopsis is approximately April to November. The blooming period for Sanford's arrowhead is approximately May to November. Therefore, the optimal survey period for all three species is June to September.
- ▶ If special-status plant species are not found, the botanist shall document the findings in a letter report to CDFW, the City's Community Development Department, and the project applicant and no further mitigation shall be required.
- ▶ If woolly rose-mallow, Mason's lilaeopsis, Sanford's arrowhead, or other special-status plant species are found on the project site and are located outside of the permanent footprint of any proposed structures/site features and can be avoided, the project applicant shall establish and maintain a buffer around special-status plants to be retained to prevent disturbance to the

plants. The results of the survey and avoidance measures shall be documented in a letter report and submitted to CDFW and the City's Community Development Department.

- ▶ If special-status plant species are found that cannot be avoided during construction, the applicant shall consult with CDFW to determine the appropriate mitigation measures for direct and indirect impacts that could occur because of project construction and shall implement the agreed-upon mitigation measures to achieve no net loss of occupied habitat or individuals. If permanent habitat would be lost for CESA-listed plants (e.g., Mason's lilaeopsis), compensatory mitigation shall be provided at an appropriate mitigation ratio based on the type, quality, and condition of the habitat to be affected to fully mitigate for impacts. An Incidental Take Permit shall be obtained from CDFW if take of CESA-listed plants cannot be avoided. Compensatory Mitigation measures may include preserving and enhancing existing populations, creation of offsite populations on mitigation sites through seed collection or transplantation, and/or restoring or creating suitable habitat in sufficient quantities to achieve no net loss of occupied habitat and/or individuals. A mitigation and monitoring plan shall be developed describing how unavoidable losses of special-status plants shall be compensated. The project applicant shall provide as-needed updates to City's Community Development Department regarding the status of consultation and permitting.
- ▶ If relocation efforts are part of the mitigation plan, the plan shall include details on the methods to be used, including collection, storage, propagation, receptor site preparation, installation, long-term protection and management, monitoring and reporting requirements, success criteria, and remedial action responsibilities should the initial effort fail to meet long-term monitoring requirements.
- ▶ Success criteria for preserved and compensatory populations shall include:
  - The extent of occupied area and plant density (number of plants per unit area) in compensatory populations shall be equal to or greater than the affected occupied habitat.
  - Compensatory and preserved populations shall be self-producing. Populations shall be considered self-producing when:
    - plants reestablish annually for a minimum of 5 years with no human intervention such as supplemental seeding; and
    - reestablished and preserved habitats contain an occupied area and flower density comparable to existing occupied habitat areas in similar habitat types in the project vicinity.
  - If offsite mitigation includes dedication of conservation easements, purchase of mitigation credits, or other offsite conservation measures, the details of these measures shall be included in the mitigation plan, including information on responsible parties for long-term management, conservation easement holders, long-term management requirements, success criteria such as those listed above and other details, as appropriate to target the preservation of long term viable populations.

Mitigation Measure 4.3-2a on page 4.3-29 of the Draft EIR is modified as follows:

**Mitigation Measure 4.3-2a: Conduct a Hydroacoustic Effects Analysis**

Upon further design and planning of any proposed bridge crossings that shall involve in-water work, the City shall conduct a project-specific noise and vibration evaluation of construction activities on fish following the Caltrans “Technical Guidance for Assessment and Mitigation of Hydroacoustic Effects of Pile Driving on Fish” (Caltrans 2009) and the NMFS Pile Driving Calculations spreadsheet (NMFS 2012). To avoid impacts to delta smelt, the project shall not exceed an accumulated sound exposure level (SEL) of 183-dB at 10 meters and a single-strike peak SEL of 206 dB at 10 meters. If these thresholds are exceeded, then the project shall obtain an Incidental Take Permit for CESA-listed fish from CDFW. Consultation under Section 7 with USFWS and NMFS shall also occur for effects to federally listed fish.

Impacts associated with pile driving and other noise and vibration generating construction activities shall be avoided and minimized through development and implementation of additional measures (e.g. use of bubble curtains, minimizing the number of piles driven in a day, using the smallest pile driver and minimum force necessary, etc.) intended to achieve the project-specific performance standard established as part of the hydroacoustic analysis.

Mitigation Measure 4.3-2b on page 4.3-30 of the Draft EIR has been amended to state:

**Mitigation Measure 4.3-2b: Conduct in-Water Construction Activities Between ~~June~~August 1 and ~~October 1~~November 30 and Only During Daylight Hours**

Conduct all in-water construction work and noise and vibration generating activities (i.e. pile driving) between ~~June~~August 1 and ~~October 1~~November 30 to avoid impacts to Delta smelt, Chinook salmon, steelhead, and green sturgeon. This work window will minimize exposure to fall-run Chinook salmon of potential contaminants because they are less likely to be present in the Sacramento River during this time of year. In-water work shall be conducted during daylight hours only. If this work window or if daylight work hours are not feasible for in-water work, then the project shall obtain an Incidental Take Permit for CESA-listed fish from CDFW. Consultation under Section 7 with USFWS and NMFS shall also occur for effects to federally listed fish.

Mitigation Measure 4.3-2d, beginning on page 4.3-30 of the Draft EIR, is modified as follows:

**Mitigation Measure 4.3-2d: Avoid or Minimize Temporary Construction Lighting and Permanent Bridge Lighting from Directing Radiating on Water Surfaces of the Sacramento River**

The project applicant shall implement the following measures to minimize temporary construction lighting:

- ▶ Avoiding construction activities at night.
- ▶ Use the minimal amount of lighting necessary to safely and effectively illuminate the work areas.
- ▶ Shield and focus lights on work areas and away from the water surface of the Sacramento River.

The project applicant shall also implement the following measures to minimize permanent bridge lighting:

- ▶ Incorporate lighting design elements for overwater permanent structures that shall minimize impacts to fish and wildlife, such as shielded light designs, dimming controls that allow for programmed switch-off of lights during times of night when use is low, use of ground-level

lighting in place of typical overhead lighting, and use of amber and red-spectrum lighting in place of white and blue-spectrum light that has been shown to affect fish migration patterns and make migrating smolts more susceptible to predators.

- ▶ Minimizing nighttime lighting of the bridge structure for aesthetic purposes.
- ▶ Use the minimal amount of lighting necessary to safely and effectively illuminate bicycle and pedestrian areas on the bridge.
- ▶ Shield and focus lights on bicycle and pedestrian areas away from the water surface of the Sacramento River.

If the measures to reduce lighting impacts during construction and from permanent bridge design are not feasible to implement, then the project shall obtain an Incidental Take Permit for CESA-listed fish from CDFW. Consultation under Section 7 with USFWS and NMFS shall also occur for effects to federally listed fish.

Mitigation Measure 4.3-2f on page 4.3-31 of the Draft EIR has been modified to state:

**Mitigation Measure 4.3-2f: Compensate for Impacts on Critical Habitat**

If permanent impacts on critical habitat, such as loss of shaded riverine aquatic habitat, permanent shading of aquatic habitat, etc. occur, the project applicant shall mitigate the impacts on a “no effective net loss” of habitat basis through purchase of mitigation credits at a NMFS-approved anadromous fish conservation bank. Compensatory mitigation shall be provided at an appropriate mitigation ratio based on the type, quality, and condition of the habitat to be affected to fully mitigate for permanent impacts to critical habitat.

Mitigation Measure 4.3-2h, beginning on page 4.3-31 of the Draft EIR, has been modified to state:

**Mitigation Measure 4.3-2h: Prepare and Implement a Fish Rescue and Relocation Plan**

A qualified fish biologist shall develop and implement a fish rescue and relocation plan to recover any fish trapped in cofferdams. The fish rescue and relocation plan shall be submitted to the resource agencies (CDFW, NMFS, and USFWS) and the project applicant for approval at least 60 days before initiating activities to install cofferdams. The project shall obtain an Incidental Take Permit for CESA-listed fish from CDFW, if necessary. Consultation under Section 7 with USFWS and NMFS shall also occur for effects to federally listed fish. At a minimum, the plan shall include the following:

- ▶ A requirement that fish rescue and relocation activities shall commence immediately after cofferdam closure and that dewatering has sufficiently lowered water levels inside cofferdams to make it feasible to rescue fish.
- ▶ A description of the methods and equipment proposed to collect, transfer, and release all fish trapped within cofferdams. Capture methods may include seining, dip netting, and/or electrofishing as approved by CDFW, NMFS, and USFWS. The precise methods and equipment to be used shall be developed in consultation with CDFW, NMFS, USFWS.
- ▶ A requirement that only CDFW-, NMFS-, and USFWS-approved fish biologists shall conduct the fish rescue and relocation.
- ▶ A requirement that fish biologists shall contact CDFW, NMFS, and USFWS immediately if any listed species are found dead or injured.

- ▶ A requirement that a fish rescue and relocation report be prepared and submitted to CDFW, NMFS, and USFWS within 5 business days following completion of the fish relocation. Data shall be provided in tabular form and at a minimum shall include the species and number rescued and relocated, approximate size of each fish (or alternatively, approximate size range if large number of individuals are encountered), date and time of their capture, and general condition of all live fish (e.g., good–active with no injuries; fair–reduced activity with some superficial injuries; poor–difficulty swimming/orienting with major injuries). For dead fish, additional data shall include fork length and description of injuries and/or possible cause of mortality if it can be determined.

Mitigation Measure 4.3-3, beginning on page 4.3-33, is modified as follows:

**Mitigation Measure 4.3-3a: Conduct a Pre-Construction Survey for Western Pond Turtle and Relocate Individuals Outside the Work Area**

To avoid and minimize impacts on western pond turtles that could occur in or on the banks of the Sacramento River within the project site, the project applicant shall retain a qualified wildlife biologist to conduct a preconstruction survey for western pond turtle in suitable habitat within the work area. The survey shall be conducted according to the *Draft USGS Western Pond Turtle Visual Survey Protocol for the Southcoast Ecoregion (2006)*.

If potential bridge construction activities do not require dewatering of aquatic habitat and the qualified biologist determines visual encounter surveys are not sufficient to determine presence of western pond turtle within aquatic habitat in the work area, the qualified biologist shall consult with CDFW to determine if additional avoidance measures (e.g., monitoring, trapping surveys) are necessary to minimize impacts on western pond turtle.

If turtles are observed during a survey, they shall be either hand-captured or trapped and relocated outside the construction area to appropriate aquatic habitat by a qualified biologist. If western pond turtle is observed within the work area during construction activities, work shall cease in the area until the turtle is able to move out of the work area on its own or can be safely relocated by a biologist.

Mitigation Measure 4.3-3c on page 4.3-34 of the Draft EIR has been renumbered as Mitigation Measure 4.3-3b.

Mitigation Measure 4.3-4, beginning on page 4.3-35 of the Draft EIR, is modified as follows:

**Mitigation Measure 4.3-4: Avoid Direct Loss and Disturbance of Nesting Swainson’s Hawk, White-Tailed Kite, Loggerhead Shrike, Purple Martin, Song Sparrow (“Modesto” Population), and Other Protected Birds**

- ▶ Conduct all tree and vegetation removal during the nonbreeding season (generally between September 16 and February 14~~28~~) for special-status and non-special-status migratory birds, to the extent feasible.
- ▶ If equipment staging, site preparation, grading, excavation, or other project-related activities are scheduled during the nesting season (February 15 through September 15) of protected raptors or other avian species, focused surveys for active nests shall be conducted by a qualified biologist within 5 days prior to the beginning of the project-related activities. Surveys shall be conducted throughout the project site, in staging, storage, and soil stockpile areas, and along transportation routes. The minimum survey area surrounding the work area shall be the following: (i) 250 feet for passerines; (ii) 500 feet for small raptors; and (iii) 1,000 feet for larger raptors. Surveys shall be conducted at the appropriate times of day, and during



appropriate nesting times and shall concentrate on areas of suitable habitat. If a lapse in project-related activities of 14 days or longer occurs, another focused survey will be required.

- ▶ ~~Before removal of any vegetation or any ground disturbance between February 1 and August 31, a qualified biologist shall conduct preconstruction surveys for nests within 0.25 mile of the project site for Swainson's hawks, 500 feet for other nesting raptors, and 100 feet for all other birds. The surveys shall be conducted no more than 30 days before construction commences. Surveys for Swainson's hawk shall be conducted in accordance with the Swainson's Hawk Technical Advisory Committee's methodology (May 31, 2000) or according to updated methodologies issued by CDFW.~~
- ▶ If appropriate habitat for burrowing owls is present, a take avoidance survey for burrowing owl shall be conducted in accordance with the most current version of CDFW Staff Report on Burrowing Owl Mitigation (2012) and shall occur no more than 14 days in advance of project commencement during the breeding and nonbreeding season. If no burrowing owls are found, no additional mitigation is required. If burrowing owls are found during the nonbreeding season and cannot be avoided, they shall be excluded following the requirements in the CDFW Staff Report, including developing an exclusion and mitigation plan that shall be approved by CDFW. If burrowing owls are found during the nesting season, the active burrow shall be avoided by a protective buffer (see below).
- ▶ If no active nests are found during focused surveys, no further action under this measure shall be required.
- ▶ Impacts to nesting Swainson's hawks, other raptors, or other nesting birds shall be avoided by establishing appropriate buffers around active nest sites identified during preconstruction raptor surveys. Project activity shall not commence within the buffer areas until a qualified biologist has determined that the young have fledged, the nest is no longer active, or reducing the buffer would not likely result in nest abandonment. CDFW guidelines recommend implementation of 0.25-mile-wide buffer for Swainson's hawk and 1,640 feet (500 meters) for burrowing owl. For all other birds, a qualified biologist shall establish a non-disturbance buffer at a distance sufficient to minimize nest disturbance based on the nest location, topography, cover, the species' sensitivity to disturbance, and the intensity/type of potential disturbance. The size of the buffer may be adjusted if a qualified biologist and the project applicant determine that such an adjustment would not be likely to adversely affect the nest. Monitoring of the nest by a qualified biologist during and after construction activities shall be required if the activity has potential to adversely affect the nest. If construction activities cause the nesting bird to vocalize, make defensive flights at intruders, get up from a brooding position, or fly off the nest, then the no-disturbance buffer shall be increased until the agitated behavior ceases. The exclusionary buffer shall remain in place until the chicks have fledged or as otherwise determined appropriate by a qualified biologist.
- ▶ If a Swainson's hawk or other raptor nest tree (any tree that has an active nest in the year the impact is to occur) must be removed, the tree shall be removed between September 1 and February 28, when not occupied.

Beginning on page 4.3-39 of the Draft EIR, Mitigation Measure 4.3-6 is modified as follows:

**Mitigation Measure 4.3-6: Avoid Loss or Disturbance of Special-Status Bat Species, Bat Colonies, and Their Habitat**

- ▶ If the project would result in removal of trees or the removal or alteration of vacant or seldom-used buildings or structures, or construction activities would occur within 100 feet of potentially suitable roost habitat, a qualified bat biologist shall conduct a survey of the potentially suitable

roost habitat. If no evidence of bat roosts is found, then no further study and no further mitigation shall be required.

- ▶ If evidence of bat use (e.g., guano, culled insect parts, staining) is observed, additional surveys shall be conducted by the bat biologist during each season (i.e. maternity, torpor/hibernation, and shoulder seasons) when bats may be affected by project activities to determine if bats are using the habitat for roosting during that specific season. If project activities shall result in permanent loss of roost habitat that was observed to contain evidence of bat use during the habitat suitability survey studies should be conducted during each season to determine if potential roosts are present seasonally or year-round. The species and number of bats using the roost shall be determined to the extent necessary to determine if loss of roost habitat would be a significant impact on the bat population and to develop an appropriate mitigation program. Bat detectors and/or emergence surveys may be used to supplement survey efforts.
- ▶ If bat roosts are found, a qualified bat biologist, in consultation with CDFW, shall develop a mitigation program to minimize impacts to the bat roost. if impacts to bat roosts are unavoidable. Compensatory mitigation shall be provided at an appropriate mitigation ratio based on the type, quality, and condition of the habitat to be affected to fully mitigate for permanent impacts and shall be approved by CDFW.
- ▶ The mitigation program may include:
  - additional protective measures;
  - avoidance buffers during periods of sensitive activity (e.g., during hibernation or maternity season);
  - an exclusion plan; and
  - a compensatory mitigation plan to provide alternative roost habitat, such as incorporation of artificial bat roost elements in the bike and pedestrian foot bridge design and other building and infrastructure designs within the project site, and consideration to preferred tree varieties when developing the landscape plans for the project site. The plan shall require bat replacement habitat and monitoring of the replacement habitat over a 5-year period for a minimum of 3 years (e.g., years 2, 3, and 5) to determine whether bats are using the habitat, determine whether the habitat is functioning as intended, and identify any corrective actions that need to be made to the habitat to improve its use by bats.

## Section 4.4 Cultural Resources and Tribal Cultural Resources

The last sentence of the first paragraph on page 4.4-15 of the Draft EIR has been amended, as follows, for clarity:

According to the site record completed in 2001, the ~~resource~~ railroad grade is a contributing element to the NRHP-eligible and CRHR-listed Walnut Grove Branch Line of the Southern Pacific Railroad (see description of P-34-01497 below) (NIC 2019).

## Chapter 6 Alternatives

The first paragraph on page 6-17 has been amended as follows:

As illustrated in Table 6-1, below, ~~either the WBSP project with the Scenario B option or~~ Alternative 3 would be considered the environmentally superior action alternative because although the majority of environmental impacts would be similar to the WBSP, the alternative would result in an increase in the severity of any impacts. ~~For example, the potential impacts to sensitive species and habitat would be avoided without the planned improvements to the Marina/Miller Regional Park Special Study Area under the WBSP project with the Scenario B option, whereas~~ Alternative 3 would generally reduce impacts due to the lesser level of development intensity that would occur within the Specific Plan Area. However, ~~the neither~~ alternative would not achieve the project objectives to the extent of the ~~proposed~~ WBSP.

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## 3 COMMENTS AND RESPONSES

### 3.1 INTRODUCTION

This section contains the comment letters that were received on the Draft EIR. Following each comment letter is a response by the City that responds to comments regarding environmental issues and, as appropriate, is intended to supplement, clarify, or amend information provided in the Draft EIR or refer the reader to the appropriate place in the document where the requested information can be found. Comments that are not directly related to environmental issues may be discussed or noted for the record. Where text changes to the Draft EIR are warranted based upon comments, those changes are generally included following the response to comment. However, in some cases when the text change is extensive, the reader is instead referred to Chapter 2, “Text Changes to the Draft EIR,” where all the text changes can be found.

Occasionally, a response to a comment provides a cross-reference to another response to comment. This occurs when the same, or very similar, comment was made or question asked, and an appropriate response was included elsewhere.

### 3.2 MASTER RESPONSES

This section presents responses to environmental issues raised in multiple comments. Rather than responding individually, master responses have been developed to address such comments comprehensively and are organized by topic in this section. The master response number is then identified in the individual response to comment so that reviewers can readily locate all relevant information pertaining to the following issues of concern.

#### 3.2.1 Master Response 1: Level of Detail

Several comments related to the level of detail regarding the potential level of development and growth that may occur under the West Broadway Specific Plan (WBSP), including phasing, site-specific details, and commitments to development/demolition of existing structures. The Draft EIR’s analysis presents an assessment of the potential impacts of the WBSP, focusing on the potential impacts of development, in general, that may occur as a result of the proposed land use changes identified in the WBSP. Because the exact nature and location of future development in the specific plan cannot be known with certainty, individual development sites are not addressed in detail; rather, the focus of the EIR is on the entire plan and potential impacts resulting from construction and operation of anticipated land uses consistent with the plan. This approach is referred to as “programmatic” or “cumulative.”

A program EIR is defined (State CEQA Guidelines Section 15168) as one that addresses “a series of actions that can be characterized as one large project and are related either:

- (1) Geographically,
- (2) As logical parts in the chain of contemplated actions,
- (3) In connection with the issuance of rules, regulations, plans, or other general criteria to govern the conduct of a continuing program, or

- (4) As individual activities carried out under the same authorizing statutory or regulatory authority and having generally similar environmental impacts which can be mitigated in similar ways.”

“The level of specificity of an EIR is determined by the nature of the project and the ‘rule of reason’” (*Laurel Heights Improvement Assn. v. Regents of University of California* (1988) 47 Cal.3d 376, 407). “[W]here an EIR covers several possible projects that are diverse and geographically dispersed, the agency has discretion to evaluate the potential environmental impacts of the individual projects in general terms in the EIR” (*California Oak Foundation v. Regents of University of California* (2010) 188 Cal.App.4th 227, 271, citing *In re Bay-Delta* (2008) 43 Cal.4th 1143, 1170–1171). Here, the WBSP addresses potential land use development for the next several years within the context of uses allowable under the Specific Plan. Accordingly, the EIR analyzes implementation of the proposed plan at a *programmatic* level.

The WBSP does not mandate a level of growth or the pace at which such growth must occur. Rather, it provides a guide to the land development patterns and associated physical infrastructure that could be built to support a forecasted and reasonably foreseeable level of growth. This approach is not dissimilar to the City’s general plan efforts and is considered appropriate for a long-term planning effort like the WBSP.

### 3.2.2 Master Response 2: Socioeconomic Analysis

The City is required to evaluate the changes in the physical environment that would occur as a result of adoption and implementation of the WBSP. The CEQA statute, regulations and court opinions have established guidelines for determining when a change is considered a physical change and subject to CEQA review, and, on the other hand, when it should be considered a socioeconomic effect that, while not typically subject to CEQA review, may be a relevant change for City consideration. For example, comments on the Draft EIR were received that related to health care, job opportunities and property values, which are typically considered socioeconomic changes. While they may be relevant, they are typically not subject to review under CEQA.

CEQA is concerned with whether a project may have adverse *physical* environmental effects. Accordingly, Section 15131 of the CEQA Guidelines states that “Economic and social effects of a project shall not be treated as significant effects on the environment. An EIR may trace a chain of cause and effect from a proposed decision on a project through anticipated economic or social changes resulting from a project to physical changes caused in turn by the economic or social changes.”

In evaluating the environmental impacts of a project, an EIR must evaluate direct and indirect physical effects of a project. Direct effects are effects that are caused by a project and occur in the same time and place. An indirect environmental effect is a change in the physical environment that is not immediately caused by a project but can be linked to a project. For example, filling in a portion of a marina has *direct* effects including those related to construction activities such as filling, grading and construction of the new park areas, as well as the anticipated uses and traffic of visitors. It might also have *indirect* effects—perhaps an increase in demand for spaces in other marinas, and possible increase in rates due to the demand. In either case, the question is whether the effects in issue are changes in the physical environment or are social or economic changes.

In certain cases courts have concluded that a project’s social or economic changes result in, and therefore amount to a physical change. For example, a major discount store on the edge of downtown that offers substantially lower prices than established stores under local ownership could drive so many

local businesses out of business, and create so many empty storefronts, that the physical conditions of the downtown would deteriorate. This could be shown to result in a physical change due to blight.

In general, however, social and economic effects, such as the availability of affordable housing opportunities and crime, even if shown somehow to be related to a project, are not considered physical environmental effects under CEQA because they do not affect the physical environment. Moreover, any indirect physical environmental effects tied to social and economic impacts—like any conclusions in CEQA—must be supported by substantial evidence in the record.

### 3.2.3 Master Response 3: Plan Proposal for Alder Grove and Marina Vista

A number of comments address concern about the public housing within two communities in the Specific Plan area, Alder Grove and Marina Vista. The comments request additional information related to future planning and development for these two parcels, including a more detailed housing strategy that specifies the housing type and mix and potential to relocate some of the public housing off site.

The following is intended to provide clarification regarding the WBSP considerations for Alder Grove and Marina Vista and the land use and development assumptions used in the analysis of the WBSP Draft EIR, providing background for more detailed questions and responses that follow in the individual comment letters. To a large extent the information relates to social and economic effects of future activities relating to the property, and to that extent is beyond the scope of CEQA analysis. In the absence of any specific proposals, the Draft EIR dealt with the future development of the sites on a general and programmatic basis and should be consulted in that regard.

Alder Grove and Marina Vista are existing public housing communities within the Specific Plan area on lands owned by the U.S. Department of Housing and Urban Development (HUD) and managed by the Sacramento Housing and Redevelopment Agency (SHRA). Under state law, the City's responsibility is to identify adequate sites for housing through implementation of appropriate zoning designations and development standards that support and encourage development of a variety of housing for all income levels. SHRA, as the housing authority for the City of Sacramento, develops and manages affordable housing in accordance with City Code and the Sacramento General Plan, including the City's Housing Element.

General Plan Land Use Designations establish general future land use categories and allowable densities. Allowable uses and development standards are established by zoning, including housing types (such as single-unit, duplex, and multi-unit). The WBSP includes development assumptions for the purpose of analyzing the potential overall impacts to the neighborhood, as addressed in Master Response 1. However, the details of how redevelopment of the Alder Grove and Marina Vista sites will occur will be determined by future development actions or decisions by SHRA in coordination with HUD. The WBSP on its own does not entitle redevelopment of these parcels because that action is dependent on the lead agency control by SHRA and HUD, with the approval of development proposals by the City.

The redevelopment of Alder Grove and Marina Vista are contemplated by the WBSP because the facilities and infrastructure serving them have become physically obsolete, requiring more capital for maintenance than available through federal funding. In addition, redevelopment could improve the living conditions of the residents of Alder Grove and Marina Vista. Both housing complexes are physically and socially isolated from surrounding neighborhoods because these properties are enclosed by fences and served by an internal system of streets. Redevelopment of these sites as mixed-income housing

communities will allow SHRA to provide better quality living for the families of these communities while also providing an opportunity to re-establish connections with the neighborhoods around them.

The WBSP allows for the potential to redevelop these properties as new, modern mixed-income communities that are designed to better fit with the Upper Land Park neighborhood. This vision is consistent with earlier plans studied for this area in the *Upper Land Park Broadway Choice Neighborhood Transformation Plan* and with trends nationally in the last decade. It signifies a move from traditional assisted-housing initiatives to a mixed-income housing model and strategy, allowing private capital to be infused with public funding to improve housing and neighborhood conditions. The WBSP provides a broad overall vision and goals and policies that support a mix of affordable and market-rate housing within the Specific Plan area, consistent with City's 2035 General Plan guidance and in accordance with the affordable housing policies and programs that apply to other projects in the city.

Another potential avenue being considered by SHRA for the Alder Grove and Marina Vista properties is HUD's Rental Assistance Demonstration (RAD) program. This would convert public housing to Section 8 rental assistance developments, which provide vouchers for rent payment assistance to qualified residents through local housing authorities. The RAD program would allow SHRA to leverage private debt and equity with capital improvement funds from HUD (currently not allowed by traditional public housing) to address immediate and long-term capital needs and deferred maintenance projects. These funds would help improve and stabilize current housing and services to these communities in their current configuration.

Before any change can happen to these communities, SHRA must submit an application and receive permission from HUD. For future redevelopment of these communities to occur, HUD requires all existing public housing units be replaced on the same site or in a comparable off-site location. Consistent with this federal mandate, Specific Plan Policy H-2.1 directs the replacement of existing public housing units at a one-to-one ratio or the potential for location of some of the public housing off-site. This can occur if an appropriate comparable site in the inventory of lands under the jurisdiction of SHRA (including within the city limits) can be secured to receive the replacement housing units when future redevelopment of the site is ready to proceed.

The proposed mix of assisted and market rate units with future redevelopment is likely to depend on how project development can be sustained through a mix of public and private funding sources and partnerships (similar to that explored under the Neighborhood Transformation Plan process). Funding sources, such as HUD's competitive HOME program grant to finance mixed-income housing initiatives, would be needed to help finance redevelopment and these have specific rules and guidance that may change over time.

### 3.2.4 Master Response 4: Removal of Level of Service from Significance Determinations

Several comments were received during the public outreach and comment period for the Draft EIR concerning the potential impacts of the project on local transportation facilities, including roadways and intersections. CEQA generally requires the City, as lead agency, to identify significant impacts and to implement mitigation measures for any impacts determined to be significant.

Traditionally, the metric used to evaluate transportation impacts has been level of service (LOS), which measures roadway/intersection congestion and automobile delay. The state legislature has recently imposed a requirement under Senate Bill 743 that local agencies change the way they evaluate transportation impacts in a manner more consistent with the state's land and climate change goals. As



discussed on pages 4.12-2 and 4.12-3 of the Draft EIR, as of December 28, 2018, “automobile delay, as described solely by level of service or similar measures of vehicular capacity or traffic congestion shall not be considered a significant impact on the environment pursuant to this division, except in locations specifically identified in the guidelines, if any.” (Pub. Resources Code, section 21099, subdivision (b)(2), see also *Citizens for Positive Growth & Preservation v. City of Sacramento* (2019) Cal. App. 43 Cal.App.5th 609.)

Based on these actions, vehicle miles traveled (VMT) is now the primary metric used to identify transportation impacts (See CEQA Guidelines section 15064.3.) As part of current and future CEQA analyses, lead agencies will measure the projected amount of VMT for a project against a standard, which in this case is regional VMT within the Sacramento Area Council of Governments region.

The Draft EIR for the WBSP was released for public comment in December 2019, during the transition from LOS to VMT. As lead agency, the City of Sacramento has the discretion to assess impacts based on its interpretation of CEQA and local issues and conditions at the time an analysis is prepared. Because the Draft EIR included analyses of environmental effects based on both VMT and LOS, mitigation measures are provided where feasible for both types of impacts, as shown in the Draft EIR on pages 4.12-30 and 4.12-31.

The mitigation monitoring plan implements the feasible mitigation measures identified in the Draft EIR, including those based on an analysis of level of service, as well as vehicle miles traveled.

### 3.3 COMMENTS AND RESPONSES

#### 3.3.1 Agencies




**Department of Toxic Substances Control**

Meredith Williams, Ph.D., Director  
8800 Cal Center Drive  
Sacramento, California 95826-3200

Letter  
S1

Jared Blumenfeld  
Secretary for  
Environmental Protection

Gavin Newsom  
Governor

January 3, 2020

Mr. Ron Bess  
City of Sacramento  
300 Richards Boulevard, 3<sup>rd</sup> Floor  
Sacramento, California 95811

WEST BROADWAY SPECIFIC PLAN DRAFT ENVIRONMENTAL IMPACT REPORT –  
DATED DECEMBER 2019  
(STATE CLEARINGHOUSE NUMBER: 2018072032)

Dear Mr. Bess:

The Department of Toxic Substances Control (DTSC) received a Draft Environmental Impact Report (EIR) for the West Broadway Specific Plan.

The West Broadway Specific Plan (WBSP) would systematically reintegrate approximately 240 acres of the western portion of Broadway and the Upper Land Park area into the fabric and activity of the City of Sacramento. The project would encourage an increase in overall land use density and facilitate new mixed-use development, reuse, and redevelopment within the Specific Plan Area that supports a mixed income community and a variety of housing choices, including market rate and affordable housing options for low-income, very low-income, and extremely low-income households. While actual future development patterns may vary from these plan assumptions, implementation of the WBSP could result in approximately 3,787 new residences, a net increase of 16.8 acres of parks and recreation space, and up to 42,500 square feet of new recreation-related building space within the Specific Plan Area.

S1-1

DTSC recommends that the following issues be evaluated in the EIR, Hazards and Hazardous Materials section:

1. The EIR should acknowledge the potential for project site activities to result in the release of hazardous wastes/substances. In instances in which releases may occur, further studies should be carried out to delineate the nature and extent of the contamination, and the potential threat to public health and/or the environment should be evaluated. The EIR should also identify the mechanism(s)

S1-2

Mr. Ron Bess  
January 3, 2020  
Page 2

to initiate any required investigation and/or remediation and the government agency who will be responsible for providing appropriate regulatory oversight.

S1-2  
cont.

- 2. If buildings or other structures are to be demolished on any project sites included in the proposed project, surveys should be conducted for the presence of lead-based paints or products, mercury, asbestos containing materials, and polychlorinated biphenyl caulk. Removal, demolition and disposal of any of the above-mentioned chemicals should be conducted in compliance with California environmental regulations and policies. In addition, sampling near current and/or former buildings should be conducted in accordance with DTSC's 2006 *Interim Guidance Evaluation of School Sites with Potential Contamination from Lead Based Paint, Termiticides, and Electrical Transformers* ([https://dtsc.ca.gov/wpcontent/uploads/sites/31/2018/09/Guidance\\_Lead\\_Contamination\\_050118.pdf](https://dtsc.ca.gov/wpcontent/uploads/sites/31/2018/09/Guidance_Lead_Contamination_050118.pdf)).

S1-3

- 3. If any projects initiated as part of the proposed project require the importation of soil to backfill any excavated areas, proper sampling should be conducted to ensure that the imported soil is free of contamination. DTSC recommends the imported materials be characterized according to *DTSC's 2001 Information Advisory Clean Imported Fill Material* ([https://dtsc.ca.gov/wp-content/uploads/sites/31/2018/09/SMP\\_FS\\_Cleanfill-Schools.pdf](https://dtsc.ca.gov/wp-content/uploads/sites/31/2018/09/SMP_FS_Cleanfill-Schools.pdf)).

S1-4

- 4. If any sites included as part of the proposed project have been used for agricultural, weed abatement or related activities, proper investigation for organochlorinated pesticides should be discussed in the EIR. DTSC recommends the current and former agricultural lands be evaluated in accordance with DTSC's 2008 *Interim Guidance for Sampling Agricultural Properties (Third Revision)* (<https://dtsc.ca.gov/wp-content/uploads/sites/31/2018/09/Ag-Guidance-Rev-3-August-7-2008-2.pdf>).

S1-5

DTSC appreciates the opportunity to review the EIR. Should you need any assistance with an environmental investigation, please submit a request for Lead Agency Oversight Application, which can be found at: [https://dtsc.ca.gov/wp-content/uploads/sites/31/2018/09/VCP\\_App-1460.doc](https://dtsc.ca.gov/wp-content/uploads/sites/31/2018/09/VCP_App-1460.doc). Additional information regarding voluntary agreements with DTSC can be found at: <https://dtsc.ca.gov/brownfields/>.

Mr. Ron Bess  
January 3, 2020  
Page 3

If you have any questions, please contact me at (916) 255-3710 or via email at [Gavin.McCreary@dtsc.ca.gov](mailto:Gavin.McCreary@dtsc.ca.gov).

Sincerely,



Gavin McCreary  
Project Manager  
Site Evaluation and Remediation Unit  
Site Mitigation and Restoration Program  
Department of Toxic Substances Control

cc: (via email)

Governor's Office of Planning and Research  
State Clearinghouse  
[State.Clearinghouse@opr.ca.gov](mailto:State.Clearinghouse@opr.ca.gov)

Ms. Lora Jameson, Chief  
Site Evaluation and Remediation Unit  
Department of Toxic Substances Control  
[Lora.Jameson@dtsc.ca.gov](mailto:Lora.Jameson@dtsc.ca.gov)

Mr. Dave Kereazis  
Office of Planning & Environmental Analysis  
Department of Toxic Substances Control  
[Dave.Kereazis@dtsc.ca.gov](mailto:Dave.Kereazis@dtsc.ca.gov)

**S1** California Department of Toxic Substances Control  
Gavin McCreary, Project Manager  
January 3, 2020

S1-1 This comment describes the California Department of Toxic Substances Control's (DTSC's) understanding of the WBSP. The comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP.

S1-2 This comment requests that the EIR include a discussion of the potential for development under the WBSP to result in the release of hazardous wastes/substances, as well as the mechanism by which future development would be investigated prior to construction. Consistent with this comment, the Draft EIR does evaluate the potential for upset conditions and requires site-specific evaluation and removal of any hazardous materials. Impact 4.8-1, beginning on page 4.8-14 of the Draft EIR, analyzes the possibility of exposure to hazardous materials during construction activities. All construction would be conducted in compliance with local, state, and federal regulations, which would minimize but not eliminate the potential for upset or accident conditions associated with potential hazardous materials.

Mitigation Measure 4.8-1a, described on page 4.8-16 requires the completion and implementation of a site-specific Phase I environmental site assessment (ESA) for potential hazards or hazardous materials, including pesticide residue, asbestos, and lead-based paint, for individual projects within the Specific Plan area. Per Mitigation Measure 4.8-1a, each Phase I ESA shall be performed in general conformance with the scope and limitations of ASTM E 1527-13 "Standard Practice for Environmental Site Assessments" and EPA "Standards and Practices for All Appropriate Inquiries," 40 CFR Part 312. If contamination is identified, recommendations shall be implemented (these are common practices feasible for individual properties), and the site shall be deemed remediated by the appropriate agency (DTSC or Sacramento County EMD) or Sacramento County shall issue a no further action letter before earth disturbance in the vicinity of the contamination.

S1-3 This comment describes existing regulatory requirements related to the removal, demolition, and disposal of structures that include potentially hazardous materials. As noted in Response to Comment S1-2, Mitigation Measure 4.8-1a requires the evaluation of site-specific conditions (e.g., through preparation of a Phase I ESA) and, if necessary, would remediate/remove any potential hazardous materials in accordance with appropriate regulations, programs, and policies.

S1-4 The comment states that any imported soils should be evaluated prior to their use as backfill material. As described under Response to Comment S1-2 and Impact 4.8-1 on page 4.8-14 of the Draft EIR, all construction activities would comply with appropriate California environmental regulations and policies and evaluate any imported soils. Any imported fill would meet applicable requirements related to chemical composition.

S1-5 The comment recommends evaluation of agricultural or other soils that may contain pesticides per DTSC's 2008 Interim Guidance. Refer to Response to Comment S1-2.

**From:** [Griffin, Jeanette@Wildlife](mailto:Griffin, Jeanette@Wildlife)  
**To:** [Ron Bess](#)  
**Subject:** CDFW CEQA request for comment extension - West Broadway Specific Plan  
**Date:** Thursday, February 13, 2020 11:40:28 AM  
**Attachments:** [image001.png](#)  
[CDFW Bay Delta Region Easternmost Boundaries -West Sacramento.jpg](#)

Letter  
S2

Dear Ron,

Thank you for calling me back today. I would like to formally request a one-week extension on the comment period for the West Broadway Specific Plan DEIR (SCH No. 2018072032). The DEIR was sent to our North Central Region in the Rancho Cordova office, but the project area also falls within the Bay Delta Region, specifically the sections of the project area that are west of Interstate 5. Please see the attached jpg for a map, and I also have kmz files if that would be helpful for you and your team in the future.

S2-1

Because we didn't receive the DEIR within the normal timeframe we are requesting a one-week extension to provide comments. This would allow us to send our letter to you by February 27, 2020 instead of February 20, 2020.

I appreciate your time and consideration.

Regards,

*Jeanette N. Griffin*

Jeanette N. Griffin  
 Environmental Scientist  
 CA Department of Fish & Wildlife  
 Bay Delta Region: Habitat Conservation Program  
 2825 Cordelia Road, Suite 100, Fairfield, CA 94534-1377  
 Phone: (209) 234-3447  
 Fax: (209) 234-3455  
[Jeanette.Griffin@wildlife.ca.gov](mailto:Jeanette.Griffin@wildlife.ca.gov)



**S2** California Department of Fish and Wildlife  
Jeanette N. Griffin, Environmental Scientist  
February 13, 2020

- S2-1 The comment requests a one-week extension. CEQA Guideline Section 15105 states that the public review period shall not be less than 45 days but may be extended if warranted or under “unusual circumstances.” However, in general, standard CEQA practice establishes the public review period for a Draft EIR as 45 days. However, lead agencies are given the discretion to consider and respond to late comments as they see fit. The California Department of Fish and Wildlife (CDFW) followed its request with a formal comment letter on March 6, 2020. The City has accepted and provided responses to the late comment letter submitted by CDFW on March 6, 2020. Refer to Comment Letter S3 and its associated responses for further information.





State of California – Natural Resources Agency  
DEPARTMENT OF FISH AND WILDLIFE  
Bay Delta Region  
2825 Cordelia Road, Suite 100  
Fairfield, CA 94534  
(707) 428-2002  
[www.wildlife.ca.gov](http://www.wildlife.ca.gov)

GAVIN NEWSOM, Governor  
CHARLTON H. BONHAM, Director



March 6, 2020

Mr. Ron Bess, Assistant Planner  
City of Sacramento, Community Development Department  
300 Richards Boulevard, 3<sup>rd</sup> Floor  
Sacramento, CA 95811  
[RBess@cityofsacramento.org](mailto:RBess@cityofsacramento.org)

Subject: West Broadway Specific Plan, Draft Environmental Impact Report,  
SCH No. 2018072032, City and County of Sacramento

Dear Mr. Bess:

The California Department of Fish and Wildlife (CDFW) has reviewed the draft Environmental Impact Report (EIR) for the proposed West Broadway Specific Plan (Project or Plan) pursuant to the California Environmental Quality Act (CEQA) and CEQA Guidelines. In accordance with our mandates, CDFW is submitting comments on the draft EIR as a means to inform the City of Sacramento (City), as the Lead Agency, of our concerns regarding potentially significant impacts to sensitive resources associated with the proposed Project.

**CDFW ROLE**

CDFW is a Trustee Agency with responsibility under CEQA (Pub. Resources Code, § 21000 et seq.) pursuant to CEQA Guidelines section 15386 for commenting on projects that could impact fish, plant, and wildlife resources. CDFW is also considered a Responsible Agency if a project would require discretionary approval, such as a California Endangered Species Act (CESA) Incidental Take Permit (ITP), a Lake and Streambed Alteration (LSA) Agreement, or other provisions of the Fish and Game Code that afford protection to the state's fish and wildlife trust resources.

**REGULATORY REQUIREMENTS**

*California Endangered Species Act*

Please be advised that if the Project has the potential to result in “take” of plants or animals listed under CESA, either during construction or over the life of the Project (Fish and Game Code, § 2080 et seq.), the Project must demonstrate compliance with CESA, either through full avoidance measures or obtaining take coverage through a CESA ITP. Issuance of a CESA ITP is subject to CEQA documentation; therefore, the CEQA document must specify impacts, mitigation measures, and a mitigation monitoring and reporting program. If the Project will impact CESA listed species, early consultation is encouraged, as potential significant modification to the Project and mitigation measures may be required in order to obtain a CESA ITP.

CEQA requires a Mandatory Finding of Significance if the Project is likely to substantially restrict the range or reduce the population of a threatened or endangered species. (Pub. Resources Code, §§ 21001, subd. (c), 21083; CEQA Guidelines, §§ 15380, 15064, and 15065). Impacts

S3-1

*Conserving California's Wildlife Since 1870*



Mr. Ron Bess, Assistant Planner  
 City of Sacramento, Community Development Department  
 March 6, 2020  
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must be avoided or mitigated to less-than-significant levels unless the CEQA Lead Agency makes and supports Findings of Overriding Consideration (FOC). The CEQA Lead Agency's FOC does not eliminate the Project proponent's obligation to comply with Fish and Game Code section 2080.

*Lake and Streambed Alteration*

CDFW requires an LSA Notification (Notification), pursuant to Fish and Game Code section 1600 et. seq., for Project activities affecting lakes or streams and associated riparian habitat. Notification is required for any activity that may substantially divert or obstruct the natural flow; change or use material from the bed, channel, or bank including associated riparian or wetland resources; or deposit or dispose of material where it may pass into a river, lake or stream. Work within ephemeral streams, washes, watercourse with a subsurface flow, and floodplains are subject to notification requirements. CDFW will consider the CEQA document for the Project and may issue an LSA Agreement. CDFW may not execute the final LSA Agreement (or ITP) until it has complied with CEQA as a Responsible Agency.

**PROJECT DESCRIPTION SUMMARY**

**Proponent:** City of Sacramento

**Location:** The proposed Project area is located in the City of Sacramento within the Upper Land Park neighborhood, south of the Central City, and across the Sacramento River from the Pioneer Bluffs and Stone Locks areas of West Sacramento. The Project area encompasses approximately 240 acres, bounded by the Sacramento River on the west; Broadway and Business 80/U.S. Highway 50 to the north; Muir Way and 5<sup>th</sup> Street to the east; and 4<sup>th</sup> Avenue and Merkle Way to the south. Interstate 5 travels north-south through the western portion of the Project area and separates Miller Regional Park and the industrial lands east of it from the rest of the Project area.

**Timeframe:** Unknown

**Description:** The proposed Plan is to provide for the orderly and systematic integration of land uses within the Plan area that is consistent with the City's goals and maximizes opportunities afforded by the area's proximity to the Sacramento River and the downtown area. More specifically, the objectives of the Plan are to: 1) accommodate growth that increases the long-term economic sustainability, equity and well-being, and protection of important environmental resources in the Plan area, 2) provide for the orderly and systematic integration of land uses within the Plan area that maximizes opportunities afforded by the area's proximity to the Sacramento River and Downtown Sacramento, 3) facilitate new mixed-use development, reuse, and redevelopment within the Industrial Subarea lands along 1st Avenue and 5th Street, 4) promote new infill residential development and redevelopment within the Plan area that supports a mixed-income community and a variety of housing choices, including market rate and affordable housing options for low-income, very low-income, and extremely low-income households, 5) promote neighborhood-serving uses, including a grocery store and venue(s) for after-school programs and activities for area youth, 6) enhance public recreation, use, and waterfront access at Miller Regional Park, 7) enhance the West Broadway corridor as a future

S3-1  
 cont.

Mr. Ron Bess, Assistant Planner  
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gateway and bridge connection between the cities of Sacramento and West Sacramento, 8) leverage the planned improvements of the Broadway Complete Streets Plan to support economic growth and mixed-use development along West Broadway, 9) provide a gridded street network that improves the connection and access within the Plan area to surrounding uses and neighborhoods, 10) enhance bike and pedestrian travel ways through the Plan area to schools, public facilities, and neighborhood amenities, and 11) support and promote local businesses in the Plan area.

S3-1  
cont.

**COMMENTS AND RECOMMENDATIONS**

CDFW offers the following comments and recommendations to assist the City in adequately identifying and/or mitigating the Project’s significant, or potentially significant, direct and indirect impacts on fish and wildlife (biological) resources.

**Comment 1: Notification under Fish and Game Code Section 1600 et. Seq. may be required**

Proposed activities described in the draft EIR may be subject to Notification and CDFW may require an LSA Agreement, pursuant to Section 1600 et seq. of the Fish and Game Code. These activities include construction and operation of the bike and pedestrian bridge, enhancement of recreational activities including marina alterations, dredging, vegetation removal and management within riparian areas, and discharge of concentrated stormwater runoff into the Sacramento River as a result of expanded impermeable surfaces due to urban development. Please submit Notification to CDFW at the Bay Delta Region Office listed above for projects occurring west of Interstate 5, and at the North Central Region Office for projects occurring east of Interstate 5. To obtain information about the LSA notification process, please access our website at <https://www.wildlife.ca.gov/Conservation/LSA>.

S3-2

**Comment 2: Impacts from Project phasing are not included in draft EIR**

Proposed activities described may have additional impacts due to Project phasing over time and are not discussed or evaluated in the draft EIR. Projects that include multiple phases with different sections or parcels built out at different time periods or phasing that includes whole-site grading with separate parcels developed at later dates have impacts over a period of longer than one year. This delay in full buildout allows wildlife to utilize resources that develop post-grading on vacant parcels. These resources include, but are not limited to, ruderal grassland and brush that provide nesting habitat for passerine birds, infrastructure installed but not utilized that provide burrowing habitat for ground squirrels, burrowing owls, and short-eared owls, and pooling of rainwater on parcels that provide temporary habitat for amphibians and invertebrates. CDFW is unable to analyze these impacts without inclusion of a description of the Project’s timing and implementation in relation to site preparation, infrastructure installation, and complete buildout.

S3-3

To correct this deficiency, please update the draft EIR with a description of the projected phasing and estimated timeframes for each project specifically mentioned or outlined in the Plan from start of construction to complete buildout. If the Project’s timeframe from start of construction to complete build out includes breaks in construction longer than 15 days or periods of inactivity that could allow establishment of habitat elements such as burrows and vegetation, then impacts to wildlife utilizing the parcels not built out must be included in the impacts analysis to ensure the Project mitigates impacts to less-than-significant. When and if such a delay occurs, and to



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ensure the Project is mitigating to less-than-significant, CDFW recommends revising the draft EIR to include a mitigation measure that meets the following criteria: a qualified biologist shall conduct habitat assessment surveys to determine what wildlife are utilizing the vacant parcels, if vacant parcels are being utilized avoidance and minimization measures (including the measures discussed in this letter) shall be used to prevent impacts and take, and if impacts and take are not fully avoidable, additional compensatory mitigation shall be discussed and agreed upon with CDFW's approval prior to the re-initiation of construction activities.

S3-3  
 cont.

**Comment 3: Mitigation Measure 4.3-1 does not define floristic survey protocol**  
 Mitigation Measure 4.3-1 does not include defined survey protocols for floristic surveys.

To correct this deficiency, CDFW recommends Mitigation Measure 4.3-1 be revised to include adherence to the most current version of CDFW's *Protocols for Surveying and Evaluating Impacts to Special-Status Native Plant Populations and Natural Communities* (2009), including the reporting requirements contained in those protocols, and to indicate the qualified botanist shall conduct the surveys according to the protocols.

S3-4

**Comment 4: Mitigation Measure 4.3-1 revisions needed to mitigate impacts to special-status plants to less-than-significant**

Mitigation Measure 4.3-1 does not reduce impacts to a level of less-than-significant by identifying compensatory mitigation in the event impacts to special-status plants cannot be fully avoided, or requiring CESA compliance through take authorization in the event CESA-listed plant species will be impacted by Project activities.

To correct this deficiency, CDFW recommends Mitigation Measure 4.3-1 be revised to require compensatory mitigation for impacts to special-status plant species at a minimum of a 3:1 mitigation ratio (conserved habitat to impacted habitat) for permanent impacts. CDFW also recommends inclusion of language defining the Project's obligation to obtain CESA-listed plant take coverage through an ITP issued by CDFW when take of Rare, Threatened, or Endangered plants, including Mason's lilaeopsis (*Lilaeopsis masonii*), cannot be fully avoided.

S3-5

**Comment 5: Mitigation Measure 4.3-2a, b, d, f, and h revisions needed to mitigate impacts to fish to less-than-significant**

Proposed activities described are likely to result in take of special-status fish species within the Project area, especially Delta smelt (*Hypomesus transpacificus*), Chinook salmon (*Oncorhynchus tshawytscha*), Central Valley fall/late fall-run Evolutionarily Significant Unit (ESU), Central Valley spring-run ESU, Sacramento River winter-run ESU, steelhead (*Oncorhynchus mykiss irideus*) Central Valley Distinct Population Segment (DPS), and green sturgeon (*Acipenser medirostris*) southern DPS. The middle of the rearing and migration of fall/late fall-run Chinook salmon, and the spawning, and incubation of winter-run Chinook salmon in the Sacramento River fall within the months of June and July. Due to the Project occurring within designated critical habitat for these species, and the CESA and Federal Endangered Species Act (ESA) status of these particular runs, allowing the in-water work window to start before August 1 increases the possibility of impacts to these protected species during a very vulnerable life stage. This includes direct and indirect take from bridge support pier installation, coffer dam installation and dewatering, barotrauma, short-term decreased water

S3-6

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quality due to Project-related turbidity and pH-altered runoff from curing concrete coming in contact with the Sacramento River, and long-term decrease in water quality due to increased urban runoff leading to increased pollutant concentrations and sediment runoff.

To correct this deficiency, CDFW recommends *Mitigation Measure 4.3-2a: Conduct a Hydroacoustic Effects Analysis* be revised to incorporate adherence to the accumulated sound exposure level (SEL) threshold of 183-decibels (dB) at 10 meters and single-strike peak SEL to not to exceed 206 dB at 10 meters to avoid impacts to Delta smelt. If exceedance is expected after the Hydroacoustic Effects Analysis specified in Mitigation Measure 4.3-2a is conducted, CDFW recommends inclusion of language defining the Project's obligation to obtain CESA-listed fish take coverage through an ITP issued by CDFW that would allow for Project-related impacts due to the exceedance.

CDFW recommends *Mitigation Measure 4.3-2b: Conduct in-Water Construction Activities Between June 1 and October 1 and Only During Daylight Hours* be revised to incorporate the restricted in-water work window of August 1 to November 30 to fully avoid impacts to Delta smelt, Chinook salmon, steelhead, and green sturgeon. In the event Project logistics require work outside the recommended in-water work window, or during non-daylight hours, CDFW recommends inclusion of language defining the Project's obligation to obtain CESA-listed fish take coverage through an ITP issued by CDFW that would allow for Project-related work to occur outside the restricted work window.

CDFW recommends *Mitigation Measure 4.3-2d: Avoid or Minimize Temporary Construction Lighting and Permanent Bridge Lighting from Directing Radiating on Water Surfaces of the Sacramento River* be revised to incorporate inclusion of language defining the Project's obligation to implement light-pollution prevention measures for temporary lighting, or obtain CESA-listed fish take coverage through an ITP issued by CDFW in the event that Project logistics require deviation from the 'daylight only' daily work period. CDFW also recommends the Project Proponent incorporate lighting design elements for the overwater permanent structures that would minimize impacts to fish and wildlife, such as shielded light designs, dimming controls that allow for programmed switch-off of lights during times of night when use is low, use of ground-level lighting in place of typical overhead lighting, and use of amber and red-spectrum lighting in place of white and blue-spectrum light that has been shown to affect fish migration patterns and make migrating smolts more susceptible to predators.

CDFW recommends *Mitigation Measure 4.3-2f Compensate for Impacts on Critical Habitat* be revised to require compensatory mitigation for impacts to special-status fish species at a minimum of a 3:1 mitigation ratio (conserved habitat to impacted habitat) for permanent impacts from Project activities to mitigate impacts to less-than-significant. CDFW also recommends identifying either the specific CDFW-approved mitigation bank that credits will be purchased from or outline an additional enforceable mitigation strategy in the event appropriate credits are not available for purchase.

CDFW recommends *Mitigation Measure 4.3-2h Prepare and Implement a Fish Rescue and Relocation Plan* be revised to include language defining the Project's obligation to obtain CESA-

S3-6  
 cont.



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listed fish take coverage through an ITP issued by CDFW that would allow the fish rescue and relocation activities proposed without violating Fish and Game Code, § 2080 et seq.

S3-6  
cont.

**Comment 6: Mitigation Measure 4.3-3 revisions needed to mitigate impacts to western pond turtle to less-than-significant**

Mitigation Measure 4.3-3 does not include defined survey protocols for detecting western pond turtle (*Emys marmorata*) adults or nests within habitat in the Project area. The northern subpopulation of western pond turtles that persists from the San Francisco Bay Area through the Sacramento Valley has a very broad nesting period (typically April through August) with overwintering of some nests and emergence in March or April. Nests can be established up to 400 meters from the nearest watercourse in sandy substrate with upland grassland characteristics. Without a CDFW-approved survey protocol and a description of the habitat within the Project area being surveyed, CDFW is unable to evaluate if impacts to western pond turtle are fully avoided.

To correct this, CDFW recommends Mitigation Measure 4.3-3 be revised to include adherence to the U.S. Geological Survey (USGS) *Draft USGS Western Pond Turtle Visual Survey Protocol for the Southcoast Ecoregion* (2006) to identify potential nesting habitat throughout the Project area, or prior to each subsequent project. CDFW also recommends the measure be revised to require compensatory mitigation for impacts to western pond turtle nesting habitat at a minimum of a 3:1 mitigation ratio (conserved habitat to impacted habitat) for permanent impacts and a 1:1 ratio for temporary impacts. Temporary impacts should be defined as impacts that will take less than a year from initial impact to date of habitat recovery back to baseline conditions.

S3-7

Additionally, CDFW recommends the draft EIR be revised to include the following western pond turtle nesting avoidance measure:

*“Western Pond Turtle Exclusion and Avoidance - To avoid western pond turtle (WPT) nest destruction, exclusion fencing shall be installed around each phase of the Project area and staging areas where Project activity will occur prior to the beginning of the April 1 Western pond turtle nesting season and start of construction for each phase of the Project. Installation of exclusion fencing shall be directed by the qualified biologist. Exclusion fencing shall be partially buried by at least six inches below grade and must be maintained for the duration of the Project (even when a project is dormant). If an active turtle nest containing either hatchlings or eggs is found, CDFW shall be consulted to determine and implement the appropriate avoidance measures. This may include a “no disturbance” buffer around the nest site until the hatchlings have moved to a nearby aquatic site.”*

**Comment 7: Mitigation Measure 4.3-4 revisions needed to fully avoid impacts to white-tailed kite**

Proposed activities described may impact white-tailed kite (*Elanus leucurus*). The white-tailed kite is a Fully Protected species under State law and may not be taken or possessed at any time.

S3-8

To correct this, CDFW recommends the draft EIR be revised to include an analysis of the Project’s potential impacts to the Fully Protected species, including raptor surveys prior to the start of tree removal activities and during the breeding and nesting seasons when detection is

Mr. Ron Bess, Assistant Planner  
City of Sacramento, Community Development Department  
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most likely to identify White-tailed kite nests and roosts. If impacts are identified, CDFW recommends the measure be revised to adhere to Fish and Game code to fully avoid impacts to the species and to require immediate notification to CDFW if the species is detected during Project activities.

S3-8  
cont.

**Comment 8: Mitigation Measure 4.3-4 revisions needed to mitigate impacts to burrowing owls to a level of less-than-significant**

Mitigation Measure 4.3-4 does not include survey protocol to detect burrowing owls (*Athene cunicularia*) within the Project area. The measure does not define avoidance measures in the event burrowing owls are discovered or reduce impacts from permanent loss of burrowing owl nesting or foraging habitats to a level of less-than-significant as it does not offset those impacts with compensatory mitigation requirements. Burrowing owls are known to utilize urban infrastructure for nesting habitat, such as utility conduits and graded subdivision lots that have laid dormant. Without the Project inclusion of the mitigation measure identified above that addresses potential phasing impacts, as described in Comment 2 of this letter, and inclusion of enforceable avoidance, minimization and mitigation measures defined in the draft EIR in the event burrowing owls are detected the draft EIR does not ensure that impacts have been mitigated to a level of less-than-significant.

S3-9

To correct this, CDFW recommends Mitigation Measure 4.3-4 be revised to include adherence to the mitigation strategies and survey guidelines defined in the CDFW *Staff Report on Burrowing Owl Mitigation* (2012). CDFW also recommends Mitigation Measure 4.3-4 be revised to require compensatory mitigation for impacts to burrowing owl foraging habitat at a minimum of a 3:1 mitigation ratio (conserved habitat to impacted habitat) for permanent impacts and a 1:1 ratio for temporary impacts.

**Comment 9: Mitigation Measure 4.3-4 revisions needed to avoid impacts to nesting birds**

Mitigation Measure 4.3-4 as defined in the draft EIR does not avoid potential impacts to nesting birds because the time period allowed between nesting surveys and the start of Project construction is too long and new nests could become established in previously surveyed areas. Additionally, the described nesting survey window of February 1 to August 31 does not consider shifting patterns of seasonal nesting periods within the Sacramento Valley due to late spring rains and climate change.

To correct these deficiencies, CDFW recommends the measure be revised to include updated language that incorporates the following nesting bird assessment and avoidance language:

S3-10

*"If equipment staging, site preparation, grading, excavation or other Project-related activities are scheduled during the nesting season (February 15 through September 15) of protected raptors and other avian species, focused surveys for active nests of such birds shall be conducted by a Qualified Biologist within 5 days prior to the beginning of Project-related activities. Surveys shall be conducted throughout the Project site, in staging, storage and soil stockpile areas, and along transportation routes. The minimum survey radii surrounding the work area shall be the following: i) 250 feet for passerines; ii) 500 feet for small raptors such as accipiters; iii) 1,000 feet for larger raptors such as buteos. Surveys shall be conducted at the appropriate times of day, and during appropriate nesting times and shall*



Mr. Ron Bess, Assistant Planner  
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*concentrate on areas of suitable habitat. If a lapse in Project-related activities of 14 days or longer occurs, another focused survey, and if required, consultation with CDFW will be required before Project activities can be reinitiated.*

*If nesting birds are found, then no work shall be initiated until nest-specific buffers have been established with written approval from CDFW. The buffer area(s) shall be fenced off from work activities and avoided until the young have fledged, as determined by the Qualified Biologist. Active nests within or adjacent to the Project site shall be monitored by the Qualified Biologist daily throughout the duration of Project activities for changes in bird behavior or signs of distress related to Project activities. If nesting birds are showing signs of distress or disruptions to nesting behaviors, then that nest shall have the buffer immediately increased by the Qualified Biologist until no further interruptions to breeding behavior are detectable.”*

S3-10  
cont.

**Comment 10: Mitigation Measure 4.3-6 revisions needed to mitigate impacts to bats to a level of less-than-significant**

Mitigation Measure 4.3-6 identifies potentially significant impacts to bat species that could occur within Project elements, including western red bat (*Lasiurus blossevillii*), pallid bat (*Antrozous pallidus*), Mexican free-tailed bat (*Tadarida brasiliensis*), and big brown bat (*Eptesicus fuscus*). The measure requires surveys by a qualified bat biologist to determine if bats are utilizing habitat elements prior to Project activities, and development of a mitigation plan in consultation with CDFW if bat roosts are found. However, the measure does not define avoidance and minimization measures beyond this or identify compensatory mitigation in the event impacts to special-status bats cannot be fully avoided if discovered. Western red bat and pallid bat are designated as California Species of Special Concern (SSC), and thus warrant proactive conservation to ensure the populations’ persistence, in addition to the bats of the Sacramento Valley having regionally significant value. As the Project’s potential impacts include possible roost tree removal and Project-related disturbance, such habitat elements found to be in use by bats warrant reduction of impacts to a level of less-than-significant within the draft EIR.

S3-11

To correct this, CDFW recommends the measure be revised to include a statement defining compensatory mitigation in the event impacts to special-status bats or their habitat are not fully avoidable. CDFW recommends the measure be revised to require compensatory mitigation for impacts to special-status bat habitat at a minimum of a 3:1 mitigation ratio (conserved habitat to impacted habitat) for permanent impacts. CDFW also recommends incorporation of requiring a two-step tree removal method for trees identified by the qualified bat biologist as having bat roost elements, and tree removal conducted under the supervision of the qualified bat biologist. When impacts to bat roosts within other elements, such as construction activities within tunnels, are unavoidable, CDFW recommends revising the measure to require consultation with the qualified bat biologist to develop appropriate avoidance and minimization measures. CDFW also recommends incorporation of man-made bat roost elements in the bike and pedestrian foot bridge design and other building and infrastructure designs within the Project area developed with consultation of the qualified bat biologist and CDFW, and consideration given to bat-preferred tree varieties when developing the vegetation and landscape plans for the Project area.

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**ENVIRONMENTAL DATA**

CEQA requires that information developed in environmental impact reports and negative declarations be incorporated into a database, which may be used to make subsequent or supplemental environmental determinations (Pub. Resources Code, § 21003, subd. (e)). Accordingly, please report any special-status species and natural communities detected during Project surveys to the California Natural Diversity Database (CNDDDB). The CNDDDB field survey form can be found at the following link: <https://www.wildlife.ca.gov/Data/CNDDDB/Submitting-Data#44524420-pdf-field-survey-form>. The completed form can be mailed electronically to CNDDDB at the following email address: [cnddb@wildlife.ca.gov](mailto:cnddb@wildlife.ca.gov). The types of information reported to CNDDDB can be found at the following link: <https://www.wildlife.ca.gov/Data/CNDDDB/Plants-and-Animals>.

S3-12

**CONCLUSION**

CDFW appreciates the opportunity to comment on the draft EIR to assist the City in identifying and mitigating Project impacts on biological resources.

Please note that the proposed Project area lies within both CDFW's Bay Delta and North Central Regions, and notifications and other permits regarding Project activities will need to be provided to the appropriate region based on the specific location of Project elements. Project elements that lie west of Interstate 5 and south of the I Street Bridge fall within the Bay Delta Region, whereas Project elements east of Interstate 5 and north of the I Street Bridge fall within the North Central Region.

S3-13

Questions regarding this letter or further coordination should be directed to Ms. Jeanette Griffin, Environmental Scientist, at (209) 234-3447 or [Jeanette.Griffin@wildlife.ca.gov](mailto:Jeanette.Griffin@wildlife.ca.gov); Mr. Dylan Wood, Environmental Scientist, at (916) 358-2384 or [Dylan.A.Wood@wildlife.ca.gov](mailto:Dylan.A.Wood@wildlife.ca.gov); or Ms. Melissa Farinha, Senior Environmental Scientist (Supervisory), at (707) 944-5579.

Sincerely,



Gregg Erickson  
 Regional Manager  
 Bay Delta Region

Attachment

cc: Chris Mundhenk, Ascent Environmental, Inc. – [Chris.Mundhenk@ascentenvironmental.com](mailto:Chris.Mundhenk@ascentenvironmental.com)



**Attachment 1**

**Mitigation Monitoring and Reporting Program for California Department of Fish and Wildlife's Recommended Mitigation Measures Under the California Environmental Quality Act: Draft Environmental Impact Report for the West Broadway Specific Plan/Project**

**STATE CLEARINGHOUSE NO.:** 2018072032

**PROJECT PROPONENT:** City of Sacramento

**PROJECT:** West Broadway Specific Plan

S3-14

	Mitigation Measure	Implementation Schedule	Responsible Party	Monitoring/Enforcement
1	Special-Status Plant Assessment and Avoidance: A qualified biologist shall conduct surveys for each special-status plant species with potential to occur within the Project site in accordance with the most current version of CDFW's Protocols for Surveying and Evaluating Impacts to Special-Status Native Plant Populations and Natural Communities.	Before commencing ground- or vegetation-disturbing activities/Entire Project	Project Proponent	City of Sacramento
2	Special-Status Plant Compensatory Mitigation and Take Authorization: If not fully avoidable by Project activities, impacts to special-status plant species shall be mitigated at a minimum of a 3:1 mitigation ratio (conserved habitat to impacted habitat) for permanent impacts. If take of Rare, Threatened, or Endangered plants is unavoidable, an Incidental Take Permit (ITP) shall be obtained.	Before project activities/ Entire Project	Project Proponent	City of Sacramento
3	Barotrauma Avoidance: Underwater hydroacoustic monitoring shall be conducted during aquatic Project activities and shall not exceed the accumulated sound exposure level (SEL) threshold of 183-decibels (dB) at 10 meters and single-strike peak SEL threshold of 206 dB at 10 meters.	During aquatic project activities/Entire project	Project Proponent	City of Sacramento
4	Barotrauma Exceedance Take Authorization: If the Hydroacoustic Effects Analysis determines Project activities will result in exceedance of the accumulated SEL threshold of 183 dB at 10 meters and single-strike peak SEL threshold of 206 dB at 10 meters, an ITP authorizing take of CESA-listed fish shall be obtained.	Before project activities/ Entire Project	Project Proponent	City of Sacramento
5	Work Occurring outside In-Water Construction Window Take Authorization: If Project activities occur outside of August 1 to November 30 or during non-daylight hours, an ITP authorizing take of CESA-listed fish shall be obtained.	Before project activities/ Entire Project	Project Proponent	City of Sacramento
6	Special-Status Fish Compensatory Mitigation: If not fully avoidable by project activities, impacts to special-status fish shall be mitigated at a minimum of a 3:1 mitigation ratio (conserved habitat to impacted habitat) for permanent impacts.	Before project activities/ Entire Project	Project Proponent	City of Sacramento
7	Western Pond Turtle Assessment and Avoidance: A qualified biologist shall conduct western pond turtle (WPT) surveys in accordance with the most current version of the U.S. Geological Survey (USGS) Draft Western Pond Turtle Visual Survey Protocol for the Southcoast Ecoregion. If WPT nesting habitat is identified, exclusion fencing shall be installed around each phase of the Project area and staging areas where Project activity will occur prior to the beginning of the western pond turtle nesting season and start of construction for each phase of the Project. Installation of exclusion fencing shall be directed by the qualified biologist. Exclusion fencing shall be partially buried by at least six inches below grade and must be maintained for the duration of the Project. If an active turtle nest containing either hatchlings or eggs is found, CDFW shall be consulted to determine and implement the appropriate avoidance measures. This may include a "no disturbance" buffer around the nest site until the hatchlings have moved to a nearby aquatic site.	Before commencing ground- or vegetation-disturbing activities/Entire Project	Project Proponent	City of Sacramento
8	Western Pond Turtle Compensatory Mitigation: If WPT nesting habitat is identified and not fully avoidable by Project activities, impacts to WPT nesting habitat shall be mitigated at a minimum of a 3:1 mitigation ratio (conserved habitat to impacted habitat) for permanent impacts and a 1:1 ratio for temporary impacts.	Before project activities/ Entire Project	Project Proponent	City of Sacramento
9	Burrowing Owl Assessment and Avoidance: For Project elements that have ground disturbance, a qualified biologist shall conduct surveys for burrowing owls (BUOW) in accordance with the most current version of CDFW's Staff Report on Burrowing Owl Mitigation.	Before project activities/ Entire Project	Project Proponent	City of Sacramento
10	Burrowing Owl Compensatory Mitigation: If BUOW nesting and foraging habitat is identified and not fully avoidable by Project activities, impacts to BUOW habitat shall be mitigated at a minimum of a 3:1 mitigation ratio (conserved habitat to impacted habitat) for permanent impacts and a 1:1 ratio for temporary impacts.	Before project activities/ Entire Project	Project Proponent	City of Sacramento

	Mitigation Measure	Implementation Schedule	Responsible Party	Monitoring/Enforcement
11	<p><b>Nesting Bird Assessment and Avoidance:</b> If equipment staging, site preparation, grading, excavation or other project-related activities are scheduled during the nesting season (February 15 through September 15) of protected raptors and other avian species, focused surveys for active nests of such birds shall be conducted by a qualified avian biologist within 5 days prior to the beginning of Project-related activities. Surveys shall be conducted throughout the Project site, in staging, storage and soil stockpile areas, and along transportation routes. The minimum survey radii surrounding the work area shall be the following: i) 250 feet for passerines; ii) 500 feet for small raptors such as accipiters; iii) 1,000 feet for larger raptors such as buzzards. Surveys shall be conducted at the appropriate times of day, and during appropriate nesting times and shall concentrate on areas of suitable habitat. If a lapse in Project-related activities of 14 days or longer occurs, another focused survey, and if required, consultation with CDFW will be required before Project activities can be reinitiated.</p> <p>If nesting birds are found, then no work shall be initiated until nest-specific buffers have been established with written approval from CDFW. The buffer area(s) shall be fenced off from work activities and avoided until the young have fledged, as determined by the qualified avian biologist. Active nests within or adjacent to the Project site shall be monitored by the qualified avian biologist daily throughout the duration of Project activities for changes in bird behavior or signs of distress related to Project activities. If nesting birds are showing signs of distress or disruptions to nesting behaviors, then that nest shall have the buffer immediately increased by the qualified avian biologist until no further interruptions to breeding behavior are detectable.</p>	Before project activities/ Entire Project	Project Proponent	City of Sacramento
12	<p><b>Special-Status Bat Compensatory Mitigation:</b> If bat roosts are identified and not fully avoidable by Project activities, impacts to bat habitat shall be mitigated at a minimum of a 3:1 mitigation ratio (conserved habitat to impacted habitat) for permanent impacts and a 1:1 ratio for temporary impacts.</p>	Before project activities/ Entire Project	Project Proponent	City of Sacramento

**S3** California Department of Fish and Wildlife  
Gregg Erikson, Regional Manager  
March 6, 2020

- S3-1 This comment provides introductory information, including a description of CDFW's regulatory authority and understanding of the WBSP, as evaluated in the Draft EIR. The comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP.
- S3-2 The comment states that, based on the activities described in the EIR, permitting pursuant to Section 1600 et seq. of the California Fish and Game Code (FGC) may be required. This comment is acknowledged; the potential for permitting pursuant to FGC requirements is identified in the Draft EIR on pages 2-36 and Mitigation Measure 4.3-8c on page 4.3-42. No further response is necessary.
- S3-3 The comment states that the Draft EIR did not evaluate potential impacts associated with project phasing. There is currently no phasing or planned implementation/development of specific parcels within the Specific Plan area as part of the WBSP. The project involves the modification of existing land use and zoning designations, as well as planned infrastructure improvements that would be necessary to support redevelopment within the Specific Plan area.

Contrary to statements made in this comment, the Draft EIR appropriately evaluates potential impacts that may occur as a result of specific plan implementation based on existing conditions and does not speculate within the Draft EIR about potential impacts that may result from changed habitat conditions. As development with specific construction timing is proposed within the Specific Plan area, the City would evaluate each proposed development for consistency with the WBSP, including an assessment of whether any new/different impacts may occur due to changes in habitat conditions or the ability for species to adapt to urban conditions. Furthermore, the mitigation measures identified in the Draft EIR prepared for the WBSP have been designed to apply directly to individual projects that may be proposed within the Specific Plan area to ensure consistency of approach and implementation. For example, Mitigation Measure 4.3-1 requires appropriate surveys and avoidance, consistent with the recommendations provided in this comment, as well as appropriate compensatory mitigation if individuals cannot be avoided (in order to ensure no net loss). As a result, the requested changes to the Draft EIR are not considered necessary as the timing of development within the Specific Plan area is speculative at this time, appropriate mitigation measures have been developed and identified in the EIR, and the City will evaluate each proposed development (as it occurs) for consistency with the WBSP and EIR.

- S3-4 This comment recommends revisions to Mitigation Measure 4.3-1 to include adherence to the most current version of CDFW's *Protocol for Surveying and Evaluating Impacts to Special-Status Native Plant Populations and Natural Communities (2009)*, including the reporting requirements contained in those protocols, and to indicate the qualified botanist shall conduct the surveys according to the protocol. Consistent with this comment, Mitigation Measure 4.3-1, beginning on page 4.3-25 of the Draft EIR, has been modified to state:

**Mitigation Measure 4.3-1: Special-Status Plant Surveys, Protection, and Mitigation**

Before construction activities, including ground disturbance or dredging, within the project site, the project applicant shall impose the following conditions:

- ▶ Before construction and during the blooming period for the special-status plant species with potential to occur in the project site, a qualified ~~botanist~~biologist shall conduct protocol-level surveys for special-status plants in areas where potentially suitable habitat would be removed or disturbed by project activities. The surveys shall be conducted in accordance with the most current version of CDFW's *Protocol for Surveying and Evaluating Impacts to Special-Status Native Plant Populations and Natural Communities* (2009), including the reporting requirements. The blooming period for woolly rose-mallow is approximately June to September and for Mason's lilaeopsis is approximately April to November. The blooming period for Sanford's arrowhead is approximately May to November. Therefore, the optimal survey period for all three species is June to September.
- ▶ If special-status plant species are not found, the botanist shall document the findings in a letter report to CDFW, the City's Community Development Department, and the project applicant and no further mitigation shall be required.
- ▶ If woolly rose-mallow, Mason's lilaeopsis, Sanford's arrowhead, or other special-status plant species are found on the project site and are located outside of the permanent footprint of any proposed structures/site features and can be avoided, the project applicant shall establish and maintain a buffer around special-status plants to be retained to prevent disturbance to the plants. The results of the survey and avoidance measures shall be documented in a letter report and submitted to CDFW and the City's Community Development Department.
- ▶ If special-status plant species are found that cannot be avoided during construction, the applicant shall consult with CDFW to determine the appropriate mitigation measures for direct and indirect impacts that could occur because of project construction and shall implement the agreed-upon mitigation measures to achieve no net loss of occupied habitat or individuals. If permanent habitat would be lost for CESA-listed plants (e.g., Mason's lilaeopsis), compensatory mitigation shall be provided at an appropriate mitigation ratio based on the type, quality, and condition of the habitat to be affected to fully mitigate for impacts. An Incidental Take Permit shall be obtained from CDFW if take of CESA-listed plants cannot be avoided. Compensatory Mitigation measures may include preserving and enhancing existing populations, creation of offsite populations on mitigation sites through seed collection or transplantation, and/or restoring or creating suitable habitat in sufficient quantities to achieve no net loss of occupied habitat and/or individuals. A mitigation and monitoring plan shall be developed describing how unavoidable losses of special-status plants shall be compensated. The project applicant shall provide as-needed updates to City's Community Development Department regarding the status of consultation and permitting.
- ▶ If relocation efforts are part of the mitigation plan, the plan shall include details on the methods to be used, including collection, storage, propagation, receptor site preparation, installation, long-term protection and management, monitoring and reporting requirements, success criteria, and remedial action responsibilities should the initial effort fail to meet long-term monitoring requirements.
- ▶ Success criteria for preserved and compensatory populations shall include:

- The extent of occupied area and plant density (number of plants per unit area) in compensatory populations shall be equal to or greater than the affected occupied habitat.
- Compensatory and preserved populations shall be self-producing. Populations shall be considered self-producing when:
  - plants reestablish annually for a minimum of 5 years with no human intervention such as supplemental seeding; and
  - reestablished and preserved habitats contain an occupied area and flower density comparable to existing occupied habitat areas in similar habitat types in the project vicinity.
- If offsite mitigation includes dedication of conservation easements, purchase of mitigation credits, or other offsite conservation measures, the details of these measures shall be included in the mitigation plan, including information on responsible parties for long-term management, conservation easement holders, long-term management requirements, success criteria such as those listed above and other details, as appropriate to target the preservation of long term viable populations.

The modifications identified above do not constitute a substantial change to the EIR and do not alter the conclusions and significance determinations made therein.

- S3-5 This comment recommends revisions to Mitigation Measure 4.3-1 to require compensatory mitigation for impacts to special-status species at a minimum of 3:1 mitigation ratio for permanent impacts. CDFW also recommends obtaining an Incidental Take Permit for impacts to CESA-listed plants if take cannot be avoided. Mason's lilaeopsis is state listed as Rare. No other CESA-listed plant species are expected to occur in the project area. As noted above in Response to Comment S3-4, Mitigation Measure 4.3-1 has been modified and the modifications include the recommendations provided in this comment.
- S3-6 This comment recommends revisions to Mitigation Measures 4.3-2a, b, and d, to reduce impacts to fish to less-than-significant by keeping accumulated sound exposure levels (SEL) and single-strike peak SEL below established thresholds, revising the in-water work window, and implementing light pollution measures for temporary and permanent lighting. If these measures are not feasible, then CDFW recommends including language defining the project's obligation to obtain CESA-listed fish take coverage. Mitigation Measures 4.3-2a, b, and d, beginning on page 4.3-29 of the Draft EIR, have been modified as follows to include these recommendations:

**Mitigation Measure 4.3-2a: Conduct a Hydroacoustic Effects Analysis**

Upon further design and planning of any proposed bridge crossings that shall involve in-water work, the City shall conduct a project-specific noise and vibration evaluation of construction activities on fish following the Caltrans "Technical Guidance for Assessment and Mitigation of Hydroacoustic Effects of Pile Driving on Fish" (Caltrans 2009) and the NMFS Pile Driving Calculations spreadsheet (NMFS 2012). To avoid impacts to delta smelt, the project shall not exceed an accumulated sound exposure level (SEL) of 183-dB at 10 meters and a single-strike peak SEL of 206 dB at 10 meters. If these thresholds are exceeded, then the project shall obtain an Incidental Take Permit for CESA-listed fish from

CDFW. Consultation under Section 7 with USFWS and NMFS shall also occur for effects to federally listed fish.

Impacts associated with pile driving and other noise and vibration generating construction activities shall be avoided and minimized through development and implementation of additional measures (e.g. use of bubble curtains, minimizing the number of piles driven in a day, using the smallest pile driver and minimum force necessary) intended to achieve the project-specific performance standard established as part of the hydroacoustic analysis.

**Mitigation Measure 4.3-2b: Conduct in-Water Construction Activities Between ~~June~~August 1 and ~~October 4~~November 30 and Only During Daylight Hours**

Conduct all in-water construction work and noise and vibration generating activities (i.e. pile driving) between ~~June~~August 1 and ~~October 4~~November 30 to avoid impacts to Delta smelt, Chinook salmon, steelhead, and green sturgeon. This work window will minimize exposure to fall-run Chinook salmon of potential contaminants because they are less likely to be present in the Sacramento River during this time of year. In-water work shall be conducted during daylight hours only. If this work window or if daylight work hours are not feasible for in-water work, then the project shall obtain an Incidental Take Permit for CESA-listed fish from CDFW. Consultation under Section 7 with USFWS and NMFS shall also occur for effects to federally listed fish.

**Mitigation Measure 4.3-2d: Avoid or Minimize Temporary Construction Lighting and Permanent Bridge Lighting from Directing Radiating on Water Surfaces of the Sacramento River**

The project applicant shall implement the following measures to minimize temporary construction lighting:

- ▶ Avoiding construction activities at night.
- ▶ Use the minimal amount of lighting necessary to safely and effectively illuminate the work areas.
- ▶ Shield and focus lights on work areas and away from the water surface of the Sacramento River.

The project applicant shall also implement the following measures to minimize permanent bridge lighting:

- ▶ Incorporate lighting design elements for overwater permanent structures that shall minimize impacts to fish and wildlife, such as shielded light designs, dimming controls that allow for programmed switch-off of lights during times of night when use is low, use of ground-level lighting in place of typical overhead lighting, and use of amber and red-spectrum lighting in place of white and blue-spectrum light that has been shown to affect fish migration patterns and make migrating smolts more susceptible to predators.
- ▶ Minimizing nighttime lighting of the bridge structure for aesthetic purposes.
- ▶ Use the minimal amount of lighting necessary to safely and effectively illuminate bicycle and pedestrian areas on the bridge.



- ▶ Shield and focus lights on bicycle and pedestrian areas away from the water surface of the Sacramento River.

If the measures to reduce lighting impacts during construction and from permanent bridge design are not feasible to implement, then the project shall obtain an Incidental Take Permit for CESA-listed fish from CDFW. Consultation under Section 7 with USFWS and NMFS shall also occur for effects to federally listed fish.

In addition, CDFW recommends revision to Mitigation Measure 4.3-2f to compensate for permanent loss of critical habitat at a minimum 3:1 ratio and identify the mitigation bank where credits would be purchased. Mitigation Measure 4.3-2f is modified to include the recommendations, however, the specific mitigation bank is not identified because the bridge design is unknown, the area of impact cannot be calculated, and the timing of construction has not been determined. Therefore, it is premature to identify what bank would be used to purchase credits because circumstances may change by the time the details for credit purchase are known. Nonetheless, the following modifications to Mitigation Measure 4.3-2f on page 4.3-31 of the Draft EIR have been made:

**Mitigation Measure 4.3-2f: Compensate for Impacts on Critical Habitat**

If permanent impacts on critical habitat, such as loss of shaded riverine aquatic habitat, permanent shading of aquatic habitat, etc. occur, the project applicant shall mitigate the impacts on a “no effective net loss” of habitat basis through purchase of mitigation credits at a NMFS-approved anadromous fish conservation bank. Compensatory mitigation shall be provided at an appropriate mitigation ratio based on the type, quality, and condition of the habitat to be affected to fully mitigate for permanent impacts to critical habitat.

Mitigation Measure 4.3-2h, beginning on page 4.3-31, is also amended to include the following language defining the project’s obligation to obtain CESA-listed fish take coverage.

**Mitigation Measure 4.3-2h: Prepare and Implement a Fish Rescue and Relocation Plan**

A qualified fish biologist shall develop and implement a fish rescue and relocation plan to recover any fish trapped in cofferdams. The fish rescue and relocation plan shall be submitted to the resource agencies (CDFW, NMFS, and USFWS) and the project applicant for approval at least 60 days before initiating activities to install cofferdams. The project shall obtain an Incidental Take Permit for CESA-listed fish from CDFW, if necessary. Consultation under Section 7 with USFWS and NMFS shall also occur for effects to federally listed fish. At a minimum, the plan shall include the following:

- ▶ A requirement that fish rescue and relocation activities shall commence immediately after cofferdam closure and that dewatering has sufficiently lowered water levels inside cofferdams to make it feasible to rescue fish.
- ▶ A description of the methods and equipment proposed to collect, transfer, and release all fish trapped within cofferdams. Capture methods may include seining, dip netting, and/or electrofishing as approved by CDFW, NMFS, and USFWS. The precise methods and equipment to be used shall be developed in consultation with CDFW, NMFS, USFWS.
- ▶ A requirement that only CDFW-, NMFS-, and USFWS-approved fish biologists shall conduct the fish rescue and relocation.



- ▶ A requirement that fish biologists shall contact CDFW, NMFS, and USFWS immediately if any listed species are found dead or injured.
- ▶ A requirement that a fish rescue and relocation report be prepared and submitted to CDFW, NMFS, and USFWS within 5 business days following completion of the fish relocation. Data shall be provided in tabular form and at a minimum shall include the species and number rescued and relocated, approximate size of each fish (or alternatively, approximate size range if large number of individuals are encountered), date and time of their capture, and general condition of all live fish (e.g., good—active with no injuries; fair—reduced activity with some superficial injuries; poor—difficulty swimming/orienting with major injuries). For dead fish, additional data shall include fork length and description of injuries and/or possible cause of mortality if it can be determined.

The modifications identified above do not constitute a substantial change to the EIR and do not alter the conclusions and significance determinations made therein.

- S3-7 This comment recommends revisions to Mitigation Measure 4.3-3 to mitigate impacts to western pond turtle to less-than-significant by following an established survey protocol and mitigating for loss of active nesting habitat. Mitigation Measure 4.3-3 is amended to include a requirement that surveys be conducted in accordance with the 2006 Draft USGS Western Pond Turtle Visual Survey Protocol for the Southcoast Ecoregion. However, western pond turtle is unlikely to nest in the project area. As stated on page 4.3-33 of the Draft EIR:

The Sacramento River within the Specific Plan Area, including within the marina area, provides suitable aquatic habitat for western pond turtle. Upland bank habitat along the Sacramento River within Miller Regional Park may provide basking habitat. However, it is unlikely to support nesting by western pond turtle because the bank slope is close to 45 degrees (as opposed to the preferred slope of less than 15 degrees), is generally heavily vegetated or consists of compacted soil or rip-rap, and the adjacent upland habitat is manicured grassland, none of which are suitable for nesting. Western pond turtle produce hard-shelled eggs that are incapable of expanding in response to increasing internal pressure due to moist incubation substrates, and therefore under conditions of excess moisture, such as in regularly irrigated urban grasslands, the eggshell ruptures and the embryo rarely survives (Spinks et al. 2003). Additionally, there are high levels of human disturbance, including recreational visitors such as fishermen, to Miller Regional Park, and homeless encampments, which further deter western pond turtles from dispersing from the Sacramento River into upland habitat.

Therefore, the project is unlikely to result in loss of active pond turtle nests or permanent loss of nesting habitat. Exclusion fencing around nests or compensatory mitigation for nesting habitat is unnecessary.

- S3-8 This comment recommends revision to Mitigation Measure 4.3-4 to fully avoid impacts to white-tailed kite by conducting surveys prior to tree removal and during the nesting season. Mitigation Measure 4.3-4 requires removal of trees and other vegetation during the nonbreeding season to the extent feasible. Removal of a tree during the nonbreeding season would occur during daylight hours and would not likely result in take of a white-tailed kite if one were to be roosting in it. If trees or other vegetation are to be removed during the breeding season, pre-construction surveys for nesting raptors shall be conducted prior to the activity. Mitigation Measure 4.3-4 is revised to require surveys no more than 5 days in advance of project activities. According to the

measure, if active nests of raptors are found, a protective buffer shall be established around the nest to protect it from construction disturbance and monitoring by a qualified biologist shall be required if the nest has potential to be affected by the project activities. Implementation of this measure would avoid take of white-tailed kite.

- S3-9 This comment recommends revision to Mitigation Measure 4.3-4 to mitigate impacts to burrowing owl to a level of less-than-significant by conducting protocol level surveys and providing compensatory mitigation for loss of burrowing owl foraging habitat. As described on page 4.3-15 and shown in Figure 4.3-1 of the Draft EIR, the project site lacks suitable burrowing and foraging habitat for burrowing owl. Burrowing owls may use barren habitat for foraging, but the barren habitat in the project site is small (1.7 acres) and is isolated from other adjacent habitat by the Sacramento River, existing highway infrastructure, and urban development. There was no obvious burrow habitat observed during the site visit and the active management of Miller Park likely precludes burrowing animals from occurring. However, as the comment notes, burrowing owl is known to use urban infrastructure for nesting. Although the lack of adjacent suitable foraging habitat decreases this likelihood, Mitigation Measure 4.3-4, beginning on page 4.3-35 of the Draft EIR, has been amended as follows to include conducting a take avoidance survey and other mitigation strategies for burrowing owl in accordance with the *CDFW Staff Report on Burrowing Owl Mitigation (2012)*.

**Mitigation Measure 4.3-4: Avoid Direct Loss and Disturbance of Nesting Swainson's Hawk, White-Tailed Kite, Loggerhead Shrike, Purple Martin, Song Sparrow ("Modesto" Population), and Other Protected Birds**

- ▶ Conduct all tree and vegetation removal during the nonbreeding season (generally between September 16 and February 14~~28~~) for special-status and non-special-status migratory birds, to the extent feasible.
- ▶ If equipment staging, site preparation, grading, excavation, or other project-related activities are scheduled during the nesting season (February 15 through September 15) of protected raptors or other avian species, focused surveys for active nests shall be conducted by a qualified biologist within 5 days prior to the beginning of the project-related activities. Surveys shall be conducted throughout the project site, in staging, storage, and soil stockpile areas, and along transportation routes. The minimum survey area surrounding the work area shall be the following: (i) 250 feet for passerines; (ii) 500 feet for small raptors; and (iii) 1,000 feet for larger raptors. Surveys shall be conducted at the appropriate times of day, and during appropriate nesting times and shall concentrate on areas of suitable habitat. If a lapse in project-related activities of 14 days or longer occurs, another focused survey will be required.
- ▶ ~~Before removal of any vegetation or any ground disturbance between February 1 and August 31, a qualified biologist shall conduct preconstruction surveys for nests within 0.25 mile of the project site for Swainson's hawks, 500 feet for other nesting raptors, and 100 feet for all other birds. The surveys shall be conducted no more than 30 days before construction commences. Surveys for Swainson's hawk shall be conducted in accordance with the Swainson's Hawk Technical Advisory Committee's methodology (May 31, 2000) or according to updated methodologies issued by CDFW.~~
- ▶ If appropriate habitat for burrowing owls is present, a take avoidance survey for burrowing owl shall be conducted in accordance with the most current version of CDFW Staff Report on Burrowing Owl Mitigation (2012) and shall occur no more than 14 days in advance of project commencement during the breeding and nonbreeding

season. If no burrowing owls are found, no additional mitigation is required. If burrowing owls are found during the nonbreeding season and cannot be avoided, they shall be excluded following the requirements in the CDFW Staff Report, including developing an exclusion and mitigation plan that shall be approved by CDFW. If burrowing owls are found during the nesting season, the active burrow shall be avoided by a protective buffer (see below).

- ▶ If no active nests are found during focused surveys, no further action under this measure shall be required.
- ▶ Impacts to nesting Swainson's hawks, other raptors, or other nesting birds shall be avoided by establishing appropriate buffers around active nest sites identified during preconstruction raptor surveys. Project activity shall not commence within the buffer areas until a qualified biologist has determined that the young have fledged, the nest is no longer active, or reducing the buffer would not likely result in nest abandonment. CDFW guidelines recommend implementation of 0.25-mile-wide buffer for Swainson's hawk and 1,640 feet (500 meters) for burrowing owl. For all other birds, a qualified biologist shall establish a non-disturbance buffer at a distance sufficient to minimize nest disturbance based on the nest location, topography, cover, the species' sensitivity to disturbance, and the intensity/type of potential disturbance. The size of the buffer may be adjusted if a qualified biologist and the project applicant determine that such an adjustment would not be likely to adversely affect the nest. Monitoring of the nest by a qualified biologist during and after construction activities shall be required if the activity has potential to adversely affect the nest. If construction activities cause the nesting bird to vocalize, make defensive flights at intruders, get up from a brooding position, or fly off the nest, then the no-disturbance buffer shall be increased until the agitated behavior ceases. The exclusionary buffer shall remain in place until the chicks have fledged or as otherwise determined appropriate by a qualified biologist.
- ▶ If a Swainson's hawk or other raptor nest tree (any tree that has an active nest in the year the impact is to occur) must be removed, the tree shall be removed between September 1 and February 28, when not occupied.

The modifications identified above do not constitute a substantial change to the EIR and do not alter the conclusions and significance determinations made therein.

S3-10 This comment recommends revision to Mitigation Measure 4.3-4 to mitigate impacts to nesting birds by modifying the time period allowed between nesting surveys and the start of the project activities and nesting period survey window. As noted above in Response to Comment S3-9, Mitigation Measure 4.3-4 has been amended and the modifications include the recommendations provided in this comment.

S3-11 This comment recommends revision to Mitigation Measure 4.3-6 to mitigate impacts to bats to a level of less-than-significant by requiring compensatory mitigation at a 3:1 ratio for permanent impacts, requiring consultation with CDFW for development of appropriate avoidance and minimization measures, incorporating bat roost elements in the project design if the project would result in permanent impacts. Consistent with the recommendations provided in this comment, Mitigation Measure 4.3-6, beginning on page 4.3-39 of the Draft EIR, is modified to state:

**Mitigation Measure 4.3-6: Avoid Loss or Disturbance of Special-Status Bat Species, Bat Colonies, and Their Habitat**

- ▶ If the project would result in removal of trees or the removal or alteration of vacant or seldom-used buildings or structures, or construction activities would occur within 100 feet of potentially suitable roost habitat, a qualified bat biologist shall conduct a survey of the potentially suitable roost habitat. If no evidence of bat roosts is found, then no further study and no further mitigation shall be required.
- ▶ If evidence of bat use (e.g., guano, culled insect parts, staining) is observed, additional surveys shall be conducted by the bat biologist during each season (i.e. maternity, torpor/hibernation, and shoulder seasons) when bats may be affected by project activities to determine if bats are using the habitat for roosting during that specific season. If project activities shall result in permanent loss of roost habitat that was observed to contain evidence of bat use during the habitat suitability survey studies should be conducted during each season to determine if potential roosts are present seasonally or year-round. The species and number of bats using the roost shall be determined to the extent necessary to determine if loss of roost habitat would be a significant impact on the bat population and to develop an appropriate mitigation program. Bat detectors and/or emergence surveys may be used to supplement survey efforts.
- ▶ If bat roosts are found, a qualified bat biologist, in consultation with CDFW, shall develop a mitigation program to minimize impacts to the bat roost, if impacts to bat roosts are unavoidable. Compensatory mitigation shall be provided at an appropriate mitigation ratio based on the type, quality, and condition of the habitat to be affected to fully mitigate for permanent impacts and shall be approved by CDFW.
- ▶ The mitigation program may include:
  - additional protective measures;
  - avoidance buffers during periods of sensitive activity (e.g., during hibernation or maternity season);
  - an exclusion plan; and
  - a compensatory mitigation plan to provide alternative roost habitat, such as incorporation of artificial bat roost elements in the bike and pedestrian foot bridge design and other building and infrastructure designs within the project site, and consideration to preferred tree varieties when developing the landscape plans for the project site. The plan shall require bat replacement habitat and monitoring of the replacement habitat over a 5-year period for a minimum of 3 years (e.g., years 2, 3, and 5) to determine whether bats are using the habitat, determine whether the habitat is functioning as intended, and identify any corrective actions that need to be made to the habitat to improve its use by bats.

The modifications identified above do not constitute a substantial change to the EIR and do not alter the conclusions and significance determinations made therein.

S3-12 The comment provides a summary of CEQA requirements relative to information sharing for use with subsequent evaluations. It is considered industry standard practice to report any sightings of special-status species encountered during surveys to the California Natural Diversity Database for use in subsequent evaluations. The City and its consultants are expected

to continue to employ such practices during any subsequent surveys within the Specific Plan Area. The comment does not address the adequacy of the EIR analysis.

- S3-13 The comment provides concluding remarks related to mitigation measures discussed above and notes the overlap between the Bay Delta and North Central Regions of CDFW within the Specific Plan Area. This comment is acknowledged but does not address the adequacy of the EIR analysis. The comment is included within the record for consideration as part of the WBSP.
- S3-14 The comment and attached table presents a Mitigation Monitoring and Reporting Program (MMRP) that reflects CDFW's understanding of biological resource mitigation measures implementation and monitoring responsibilities for the WBSP. As lead agency and consistent with CEQA requirements (CEQA Guidelines Section 15091), the City of Sacramento will prepare and adopt a formal MMRP as part of the Final EIR (see Chapter 4, "Mitigation Monitoring Plan"). The recommendations provided in this comment were taken under consideration as part of the development of the Mitigation Monitoring Plan provided in Chapter 4, and are appreciated, especially in light of CDFW's role as a responsible agency under CEQA and partner agency in the region.



Letter L1

### Central Valley Regional Water Quality Control Board

13 February 2020

Ron Bess  
City of Sacramento  
300 Richards Boulevard, 3rd Floor  
Sacramento, CA 95811

**CERTIFIED MAIL**  
7019 2280 0001 8956 7733

**COMMENTS TO REQUEST FOR REVIEW FOR THE DRAFT ENVIRONMENTAL IMPACT REPORT, WEST BROADWAY SPECIFIC PLAN PROJECT, SCH#2018072032, SACRAMENTO COUNTY**

Pursuant to the State Clearinghouse's 23 December 2019 request, the Central Valley Regional Water Quality Control Board (Central Valley Water Board) has reviewed the *Request for Review for the Draft Environmental Impact Report for the West Broadway Specific Plan Project*, located in Sacramento County.

L1-1

Our agency is delegated with the responsibility of protecting the quality of surface and groundwaters of the state; therefore our comments will address concerns surrounding those issues.

Central Valley Water Board staff recommend including Clean Water Act Section 401 in the 4.3.1 Regulatory Setting in the document.

L1-2

Project activities within aquatic resources will be subject to a Clean Water Act Section 401 permit and/or a Waste Discharge Requirement. This includes fill, excavation, and dredging for the removal and/or placement of marina structures and bridges.

**I. Regulatory Setting**

**Basin Plan**

The Central Valley Water Board is required to formulate and adopt Basin Plans for all areas within the Central Valley region under Section 13240 of the Porter-Cologne Water Quality Control Act. Each Basin Plan must contain water quality objectives to ensure the reasonable protection of beneficial uses, as well as a program of implementation for achieving water quality objectives with the Basin Plans. Federal regulations require each state to adopt water quality standards to protect the public health or welfare, enhance the quality of water and serve the purposes of the Clean Water Act. In California, the beneficial uses, water quality objectives, and the Antidegradation Policy are the State's water quality standards. Water quality standards are also contained in the National Toxics Rule, 40 CFR Section 131.36, and the California Toxics Rule, 40 CFR Section 131.38.

L1-3

The Basin Plan is subject to modification as necessary, considering applicable laws, policies, technologies, water quality conditions and priorities. The original Basin

KARL E. LONGLEY ScD, P.E., CHAIR | PATRICK PULUPA, ESQ., EXECUTIVE OFFICER

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Plans were adopted in 1975, and have been updated and revised periodically as required, using Basin Plan amendments. Once the Central Valley Water Board has adopted a Basin Plan amendment in noticed public hearings, it must be approved by the State Water Resources Control Board (State Water Board), Office of Administrative Law (OAL) and in some cases, the United States Environmental Protection Agency (USEPA). Basin Plan amendments only become effective after they have been approved by the OAL and in some cases, the USEPA. Every three (3) years, a review of the Basin Plan is completed that assesses the appropriateness of existing standards and evaluates and prioritizes Basin Planning issues. For more information on the *Water Quality Control Plan for the Sacramento and San Joaquin River Basins*, please visit our website:

[http://www.waterboards.ca.gov/centralvalley/water\\_issues/basin\\_plans/](http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/)

L1-3  
cont.

**Total Maximum Daily Loads (TMDLs) and Impaired Water Bodies**

This portion of the Sacramento River is currently on the Clean Water Act Section 303(d) List of Impaired Waters due to chlordane, chlorpyrifos, DDT (Dichlorodiphenyltrichloroethane), diazinon, dieldrin, group A pesticides, invasive species, mercury, PCBs (Polychlorinated biphenyls), toxicity. Central Valley Water Board staff recommends referencing the most current 303(d) list and requirements contained in existing TMDLs for the Sacramento-San Joaquin Delta within the draft Environmental Impact Report, discussing any potential short- and long-term effects of these pollutants from project activities or program level impacts, and discussing mitigation measures and/or best management practices to reduce potential effects.

This portion of the Sacramento River is identified on the Clean Water Act Section 303(d) List as impaired by mercury because of elevated methylmercury concentrations in fish that pose a risk to wildlife and humans who consume fish. Due to historical mercury and/or gold mining in the watershed, the project boundary likely has deposits of mercury-containing sediments. As project construction is occurring, Central Valley Water Board staff recommends project proponents implement practices to control erosion and minimize discharges of mercury and methylmercury. For instance, Central Valley Water Board staff recommends the implementation of turbidity curtains and/or cofferdams for in-water work to limit the discharge of suspended solids downstream, which will reduce the risk of methylation of mercury downstream that are attached to those suspended solids. The goal is to minimize erosion of the mercury-containing soils in order to protect beneficial uses in this portion of the Sacramento River and to reduce mercury and methylmercury loads moving downstream.

L1-4

Dredging activities and activities that reuse dredge material should minimize increases in methyl and total mercury discharges to Delta waterways. If the project will involve dredging activities, Central Valley Water Board staff recommends employing management practices during and after dredging activities to minimize sediment releases into the water column. Further, ensure that under normal operational circumstances, including during wet weather, dredged and excavated material is protected from erosion into open waters.



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If dredge material disposal sites are utilized to settle out solids and return waters are discharged into the adjacent surface water, methylmercury concentrations in return flows should be equal to or less than concentrations in the receiving water. Considerations such as vegetation management and return water residence time may minimize the methylmercury concentration in the return water flows. Helpful information on this subject may be found in a report produced by the United States Army Corp of Engineers, entitled Methylmercury Summary Report, Sacramento and Stockton Deep Water Ship Channels, Operation and Maintenance Dredging, May 2019.

L1-4  
cont.

If dredge material is reused at aquatic locations, the reuse should not add mercury-enriched sediment to the site or result in a net increase of methylmercury discharges from the reuse site.

The use of vibratory pile driving may increase turbidity within the waterbody that contains mercury. Central Valley Water Board staff recommends discussing best management practices and/or avoidance and minimization measures such as dewatering, implementing turbidity curtains, or use of cofferdams to reduce the potential of creating suspended solids from pile driving.

**Antidegradation Considerations**

All wastewater discharges must comply with the Antidegradation Policy (State Water Board Resolution 68-16) and the Antidegradation Implementation Policy contained in the Basin Plan. The Antidegradation Implementation Policy is available on page 74 at:

[https://www.waterboards.ca.gov/centralvalley/water\\_issues/basin\\_plans/sacsjr\\_2018\\_05.pdf](https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/sacsjr_2018_05.pdf)

In part it states:

*Any discharge of waste to high quality waters must apply best practicable treatment or control not only to prevent a condition of pollution or nuisance from occurring, but also to maintain the highest water quality possible consistent with the maximum benefit to the people of the State.*

L1-5

*This information must be presented as an analysis of the impacts and potential impacts of the discharge on water quality, as measured by background concentrations and applicable water quality objectives.*

The antidegradation analysis is a mandatory element in the National Pollutant Discharge Elimination System and land discharge Waste Discharge Requirements (WDRs) permitting processes. The environmental review document should evaluate potential impacts to both surface and groundwater quality.

**II. Permitting Requirements**

**Construction Storm Water General Permit**

Dischargers whose project disturb one or more acres of soil or where projects disturb less than one acre but are part of a larger common plan of development that in total disturbs one or more acres, are required to obtain coverage under the General Permit for Storm Water Discharges Associated with Construction Activities

L1-6



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(Construction General Permit), Construction General Permit Order No. 2009-009-DWQ. Construction activity subject to this permit includes clearing, grading, grubbing, disturbances to the ground, such as stockpiling, or excavation, but does not include regular maintenance activities performed to restore the original line, grade, or capacity of the facility. The Construction General Permit requires the development and implementation of a Storm Water Pollution Prevention Plan (SWPPP). For more information on the Construction General Permit, visit the State Water Resources Control Board website at:

[http://www.waterboards.ca.gov/water\\_issues/programs/stormwater/constpermits.shtml](http://www.waterboards.ca.gov/water_issues/programs/stormwater/constpermits.shtml)

**Phase I and II Municipal Separate Storm Sewer System (MS4) Permits<sup>1</sup>**

The Phase I and II MS4 permits require the Permittees reduce pollutants and runoff flows from new development and redevelopment using Best Management Practices (BMPs) to the maximum extent practicable (MEP). MS4 Permittees have their own development standards, also known as Low Impact Development (LID)/post-construction standards that include a hydromodification component. The MS4 permits also require specific design concepts for LID/post-construction BMPs in the early stages of a project during the entitlement and CEQA process and the development plan review process.

For more information on which Phase I MS4 Permit this project applies to, visit the Central Valley Water Board website at:

[http://www.waterboards.ca.gov/centralvalley/water\\_issues/storm\\_water/municipal\\_permits/](http://www.waterboards.ca.gov/centralvalley/water_issues/storm_water/municipal_permits/)

For more information on the Phase II MS4 permit and who it applies to, visit the State Water Resources Control Board at:

[http://www.waterboards.ca.gov/water\\_issues/programs/stormwater/phase\\_ii\\_municipal.shtml](http://www.waterboards.ca.gov/water_issues/programs/stormwater/phase_ii_municipal.shtml)

**Clean Water Act Section 404 Permit**

If the project will involve the discharge of dredged or fill material in navigable waters or wetlands, a permit pursuant to Section 404 of the Clean Water Act may be needed from the United States Army Corps of Engineers (USACE). If a Section 404 permit is required by the USACE, the Central Valley Water Board will review the permit application to ensure that discharge will not violate water quality standards. If the project requires surface water drainage realignment, the applicant is advised to contact the Department of Fish and Game for information on Streambed Alteration Permit requirements. If you have any questions regarding the Clean Water Act Section 404 permits, please contact the Regulatory Division of the Sacramento District of USACE at (916) 557-5250.

<sup>1</sup> Municipal Permits = The Phase I Municipal Separate Storm Water System (MS4) Permit covers medium sized Municipalities (serving between 100,000 and 250,000 people) and large sized municipalities (serving over 250,000 people). The Phase II MS4 provides coverage for small municipalities, including non-traditional Small MS4s, which include military bases, public campuses, prisons and hospitals.

L1-6  
cont.

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**Clean Water Act Section 401 Permit – Water Quality Certification**

If an USACE permit (e.g., Non-Reporting Nationwide Permit, Nationwide Permit, Letter of Permission, Individual Permit, Regional General Permit, Programmatic General Permit), or any other federal permit (e.g., Section 10 of the Rivers and Harbors Act or Section 9 from the United States Coast Guard), is required for this project due to the disturbance of waters of the United States (such as streams and wetlands), then a Water Quality Certification must be obtained from the Central Valley Water Board prior to initiation of project activities. There are no waivers for 401 Water Quality Certifications. For more information on the Water Quality Certification, visit the Central Valley Water Board website at: [https://www.waterboards.ca.gov/centralvalley/water\\_issues/water\\_quality\\_certification/](https://www.waterboards.ca.gov/centralvalley/water_issues/water_quality_certification/)

**Waste Discharge Requirements – Discharges to Waters of the State**

If USACE determines that only non-jurisdictional waters of the State (i.e., “non-federal” waters of the State) are present in the proposed project area, the proposed project may require a Waste Discharge Requirement (WDR) permit to be issued by Central Valley Water Board. Under the California Porter-Cologne Water Quality Control Act, discharges to all waters of the State, including all wetlands and other waters of the State including, but not limited to, isolated wetlands, are subject to State regulation. For more information on the Waste Discharges to Surface Water NPDES Program and WDR processes, visit the Central Valley Water Board website at: [https://www.waterboards.ca.gov/centralvalley/water\\_issues/waste\\_to\\_surface\\_water/](https://www.waterboards.ca.gov/centralvalley/water_issues/waste_to_surface_water/)

Projects involving excavation or fill activities impacting less than 0.2 acre or 400 linear feet of non-jurisdictional waters of the state and projects involving dredging activities impacting less than 50 cubic yards of non-jurisdictional waters of the state may be eligible for coverage under the State Water Resources Control Board Water Quality Order No. 2004-0004-DWQ (General Order 2004-0004). For more information on the General Order 2004-0004, visit the State Water Resources Control Board website at: [https://www.waterboards.ca.gov/board\\_decisions/adopted\\_orders/water\\_quality/2004/wqo/wqo2004-0004.pdf](https://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2004/wqo/wqo2004-0004.pdf)

**Dewatering Permit**

If the proposed project includes construction or groundwater dewatering to be discharged to land, the proponent may apply for coverage under State Water Board General Water Quality Order (Low Risk General Order) 2003-0003 or the Central Valley Water Board’s Waiver of Report of Waste Discharge and Waste Discharge Requirements (Low Risk Waiver) R5-2013-0145. Small temporary construction dewatering projects are projects that discharge groundwater to land from excavation activities or dewatering of underground utility vaults. Dischargers seeking coverage under the General Order or Waiver must file a Notice of Intent with the Central Valley Water Board prior to beginning discharge.

For more information regarding the Low Risk General Order and the application process, visit the Central Valley Water Board website at:

L1-6  
cont.

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[http://www.waterboards.ca.gov/board\\_decisions/adopted\\_orders/water\\_quality/2003/wqo/wqo2003-0003.pdf](http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2003/wqo/wqo2003-0003.pdf)

For more information regarding the Low Risk Waiver and the application process, visit the Central Valley Water Board website at:

[http://www.waterboards.ca.gov/centralvalley/board\\_decisions/adopted\\_orders/waivers/r5-2013-0145\\_res.pdf](http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/waivers/r5-2013-0145_res.pdf)

**Limited Threat General NPDES Permit**


If the proposed project includes construction dewatering and it is necessary to discharge the groundwater to waters of the United States, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit. Dewatering discharges are typically considered a low or limited threat to water quality and may be covered under the General Order for *Limited Threat Discharges to Surface Water* (Limited Threat General Order). A complete Notice of Intent must be submitted to the Central Valley Water Board to obtain coverage under the Limited Threat General Order. For more information regarding the Limited Threat General Order and the application process, visit the Central Valley Water Board website at:

[https://www.waterboards.ca.gov/centralvalley/board\\_decisions/adopted\\_orders/general\\_orders/r5-2016-0076-01.pdf](https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/general_orders/r5-2016-0076-01.pdf)

**NPDES Permit**

If the proposed project discharges waste that could affect the quality of surface waters of the State, other than into a community sewer system, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit. A complete Report of Waste Discharge must be submitted with the Central Valley Water Board to obtain a NPDES Permit. For more information regarding the NPDES Permit and the application process, visit the Central Valley Water Board website at: <https://www.waterboards.ca.gov/centralvalley/help/permit/>

If you have questions regarding these comments, please contact me at (916) 464-4812 or [Jordan.Hensley@waterboards.ca.gov](mailto:Jordan.Hensley@waterboards.ca.gov).



Jordan Hensley  
Environmental Scientist

cc: State Clearinghouse unit, Governor's Office of Planning and Research,  
Sacramento (via email)

Lauren Smitherman  
Central Valley Water Board  
[Lauren.Smitherman@waterboards.ca.gov](mailto:Lauren.Smitherman@waterboards.ca.gov)

L1-6  
cont.

**L1** Central Valley Regional Water Quality Control Board  
Jordan Hensley, Environmental Scientist  
February 13, 2020

- L1-1 This comment provides introductory text and outlines the Central Valley Regional Water Quality Control Board's (CVRWQCB's) responsibilities/authority. The comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP.
- L1-2 This comment recommends adding Clean Water Act Section 401 to the regulatory setting of Section 4.3, "Biological Resources," of the Draft EIR. In response to and consistent with the request made in this comment, the following text is added after the first paragraph on page 4.3-2 of the Draft EIR.

Under Section 401 of the CWA, an applicant for a Section 404 permit must obtain a certificate from the appropriate state agency stating that the intended dredging or filling activity is consistent with the state's water quality standards and criteria. In California, the authority to grant water quality certification is delegated by the State Water Resources Control Board to the nine regional water quality control boards. Section 3.9, "Hydrology and Water Quality," includes further discussion of water quality regulations.

The modifications identified above do not constitute a substantial change to the EIR and do not alter the conclusions and significance determinations made therein.

- L1-3 The comment provides background on The Basin Plan. A description of the Basin Plan is provided as part of the Regulatory Setting of Section 4.9, "Hydrology and Water Quality," of the Draft EIR, beginning on page 4.9-2. The comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP.
- L1-4 The comment provides recommendations related to dredging activities and erosion, methylmercury concentrations, and pile driving. The potential construction-related effects of plan implementation on water quality, including erosion, are described under Impact 4.9-1 on page 4.9-11 of the Draft EIR. Development within the Specific Plan Area and under the WBSP would be required to comply with several regulations designed to reduce or eliminate construction-related water quality effects, including the NPDES General Construction Permit, SQIP, Stormwater Management and Discharge Control Code, Grading Ordinance, and a project-specific dewatering discharge permit. These regulations would include an erosion and sediment control plan and a stormwater pollution prevention plan.

The comment states that dredge material should not result in a net increase of methylmercury discharges from the reuse site. As described under Impact 4.8-1 in Section 4.8, "Hazards and Hazardous Materials," all construction activities would comply with appropriate California environmental regulations and policies and evaluate any dredge material disposal sites. Any dredge material would meet applicable requirements related to chemical composition.

The use of vibratory pile driving, dewatering, implementing turbidity curtains, and the use of cofferdams is discussed under Impact 4.3-2, in Section 4.3, "Biological Resources," of the Draft EIR. On page 4.3-31, Mitigation Measure 4.3-2e requires the monitoring of turbidity in the Sacramento River; Mitigation Measure 4.3-2g describes cofferdam use and restrictions.

- L1-5 This comment states that the environmental review document should evaluate potential impacts to both surface and groundwater quality. As described in Response to Comment L1-4, construction related effects on water quality, including erosion, are described under Impact 4.9-1, beginning on page 4.9-11 of the Draft EIR. Operational effects on water quality are described under Impact 4.9-2 on page 4.9-13 of the Draft EIR. Impact 4.9-4, beginning on page 4.9-15 of the Draft EIR analyzes the potential effects on groundwater supply, quality, and recharge.
- L1-6 The comment provides an overview of potentially permitting requirements related to maintaining water quality that may apply to the WBSP. Applicable regulatory requirements were provided as part of the Draft EIR in Section 4.9, "Hydrology and Water Quality." Coordination with CVRWQCB and acquisition of any necessary permits for future development under the WBSP would occur, as needed and as individual developments are proposed. The comment provides general statements regarding potential requirements but does not raise specific issues regarding the adequacy of the EIR's analysis or identify applicable requirements that were not included as part of the Draft EIR. No further response is required.



<p>Letter L2</p>
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February 19, 2020

SENT VIA E-MAIL ONLY

Ron Bess, Assistant Planner  
 City of Sacramento  
 Community Development Department  
 300 Richards Blvd.  
 Sacramento, CA 95811

**RE: West Broadway Specific Plan Draft Environmental Impact Report (SAC201801998)**

Dear Mr. Bess:

Thank you for providing the opportunity to review the Draft Environmental Impact Report for the West Broadway Specific Plan (WBSP) to the Sacramento Metropolitan Air Quality Management District (Sac Metro Air District). The West Broadway Specific Plan (WBSP) is bounded by the Sacramento River; Broadway; 5<sup>th</sup> Street/Muir Way; and 4<sup>th</sup> Avenue. The WBSP will include land use regulations and policies designed to streamline the housing development process and support new development in the WBSP. Sac Metro Air District staff comments on the project follow.

L2-1

Overall, the plan's objectives, such as promoting infill residential development and neighborhood-serving uses, and increasing bike and pedestrian travel, will promote a reduction in private vehicle use, thus supporting the improvement of air quality and reduction of greenhouse gas emissions. Our comments below are focused on enhancing the ability of the plan to achieve those goals.

**Mitigation Measure 4.2-2 and the Air Quality Mitigation Plan**

Mitigation Measure 4.2-2 addresses the significant and unavoidable impacts of long-term operational emissions of the WBSP by requiring the implementation of WBSP's Air Quality Mitigation Plan (AQMP). The AQMP requires that 13% of all new residential units include all-electric appliances and exclude natural gas connections to the units. However, the specific requirement of the AQMP is not stated in Chapter 4.2, Air Quality, nor in the Summary of Impacts and Mitigation Measures table in the Executive Summary. Further, the AQMP is not appended as a formal part of the DEIR. The requirement that is detailed in the AQMP may not be implemented if not included in language that is adopted as part of the FEIR. To enhance compliance with this air quality mitigation measure, we recommend the following:

L2-2

1. In the section "Mitigation Measure 4.2-2" on page 4.2-21, fourth paragraph, *and* on page ES-10 in the Executive Summary, in the sentence "Project applicants for individual projects within the Specific Plan Area shall comply with the *recommended* measures of the WBSP's AQMP..." (emphasis added), please **delete "recommended" or replace with the word "required."**

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2. In the next sentence in “Mitigation Measure 4.2-2” on page 4.2-21, fourth paragraph, *and* in the next sentence on page ES-10 in the Executive Summary, please replace “**Section 7.1 of the AQMP includes specific language** about how this mitigation measure will be implemented and requirements for compliance with the measure” with “**Section 7.1 of the AQMP requires that 13% of all new residential units include all-electric appliances and exclude natural gas connections to the units** and includes specific language about how this mitigation measure will be implemented and requirements for compliance with the measure.”
3. Append the AQMP to the FEIR. Please use the correct name of the plan, “Air Quality **Mitigation** Plan.”

L2-2  
 cont.

Reference to General Plan

Mitigation Measure 4.2-2 includes the sentence “Additionally, each development proposed as part of WBSP implementation would be required to comply with the policies of the **2035 General Plan**.” The policies in the City’s General Plan may change over the years during which the WBSP is implemented, and it will be important that future WBSP projects comply with the General Plan that exists at the time. In the section “Mitigation Measure 4.2-2” on page 4.2-21 of Chapter 4, Air Quality, *and* on page ES-10 in the Executive Summary, modify the sentence that refers to General Plan compliance of future projects proposed in the WBSP to: “Additionally, each development proposed as part of WBSP implementation would be required to comply with the policies of the **General Plan in effect at the time of project proposal**.”

L2-3

Section 4.2, Air Quality, Overall

The Sac Metro Air District recommends the following to improve the clarity and technical accuracy of Section 4.2, Air Quality.

1. On page 4.2-4, the first paragraph under the heading “Criteria Air Pollutants” provides a discussion of the Sac Metro Air District’s planning role in maintaining compliance with national air quality standards for ozone. The Sac Metro Air District also develops plans and regulations for compliance with standards for fine particulate matter (PM<sub>2.5</sub>). We recommend that the discussion in this paragraph be expanded to include planning for PM<sub>2.5</sub>. Please refer to our [Guide to Air Quality Assessment](#) for more information.
2. On page 4.2-9, under the heading “Particulate Matter,” add wildfires to the list of area sources in the SVAB: “PM<sub>10</sub> emissions in the SVAB are dominated by emissions from area sources, primarily fugitive dust from vehicle travel on paved and unpaved roads, farming operations, construction and demolition, particles from residential wood combustion, **and wildfires**.”
3. On page 4.2-10, under the heading “Monitoring Station Data and Attainment Designations,” correct the dates of the air quality data represented in the table: “Table

L2-4

L2-5

L2-6

Mr. Ron Bess  
 February 19, 2020  
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- |   |                         |
|---|-------------------------|
| <p>4.2-4 summarizes the air quality data from the 3 most recent years of data available (2015-2017) <b>(2016-2018).</b>”</p>  | <p>  L2-6<br/>cont.</p> |
| <p>4. On page 4.2-11, in Table 4.2-4, under the column heading “Ozone,” list only the timeframe to which the data apply. Delete “1-hr” in both the first and second rows of the table:</p> <ul style="list-style-type: none"> <li>a. “Maximum concentration (<del>1-hr</del>8-hr avg, ppm)”</li> <li>b. “Number of days state standard exceeded (<del>1-hr</del>8-hr).”</li> </ul>  | <p>  L2-7</p>           |
| <p>5. On page 4.2-11, in Table 4.2-4, under the column heading “Fine Particulate Matter,” the 2018 maximum concentration of 149.9 is nearly three times that of the maximum concentration in 2017, due to emissions from wildfires. It would be helpful to add a footnote indicating the role of wildfires in increasing emissions concentrations in those years. This applies as well to the “Respirable Particulate Matter” section of the table, since the 2017 and 2018 maximum concentrations are three to six times higher than the 2016 maximum concentration. Please add a footnote indicating the role of wildfires in increasing emissions concentrations in those years.</p> | <p>  L2-8</p>           |
| <p>6. On page 4.2-14, under the heading “Impact 4.2-1: Result in Short-Term Construction Emissions of NOx, PM<sub>10</sub>, and PM<sub>2.5</sub>,” in the second paragraph, please correct the reference to the table in Chapter 2: “Construction activities were estimated to occur incrementally over time. <del>Table 2-4</del> <b>Table 2-2</b> in Chapter 2 details the projected development...”</p>  | <p>  L2-9</p>           |
| <p>7. On page 4.2-14, Table 4.2-5, “Modeled Daily Maximum Construction Emissions of Criteria Air Pollutants and Precursors,” we were unable to verify the values listed in the table with the values in the CalEEMod reports.</p>   | <p>  L2-10</p>          |
| <p>8. On page 4.2-16, under the heading “Mitigation Measure 4.2-1b: Reduce Construction-Related Exhaust and Dust Emissions,” beginning of second paragraph, please correct the reference: “Before any grading activities, the project applicant or its designee shall provide a plan for approval by the <del>County</del> <b>City</b> and SMAQMD.”</p>   | <p>  L2-11</p>          |
| <p>9. On page 4.2-18, first paragraph, please correct the reference: “Payment into <del>SMUD’s</del> <b>SMAQMD’s</b> mitigation fee program would provide funding...”</p>   | <p>  L2-12</p>          |
| <p>10. On page 4.2-21, in the section “Mitigation Measure 4.2-2,” correct the reference: replace “<b>Mitigation Measure 4.2-1</b> below includes details about the AQMP...” with “<b>Mitigation Measure 4.2-2</b> below includes details about the AQMP...” Please make the same correction on page ES-10 in the Executive Summary. Add a reference to the Appendix number where the AQMP can be found.</p>   | <p>  L2-13</p>          |
| <p>11. On page 4.2-22, in the first paragraph, please replace “...as shown in the AQMP (See Appendix C)” with language indicating the location of the AQMP in the FEIR document, once an appendix location has been established for the AQMP.</p>   | <p>  L2-14</p>          |



Mr. Ron Bess  
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**Air Quality Mitigation Plan**

Please include the appropriate content in Appendix A of the AQMP. Page 3-2 of the AQMP directs the reader to AQMP Appendix A for “details on 2019 Title 24 energy reductions.” However, “Appendix A” of the AQMP is labeled “Appendix A – CalEEMod Modeling Results and Assumptions Tables.” Further, there is no content in Appendix A of the AQMP.

L2-15

**DEIR Appendices**

Appendix C of the DEIR contains CalEEMod Annual and Summer reports, but no Winter reports. Please add the Winter emissions summary reports.

L2-16

**Non-CEQA Comments**

In response to the Notice of Preparation for the WBSP, the Sac Metro Air District recommended that the EIR include consideration of a project alternative that would reduce population exposure to toxic emissions generated from high-volume roadways Interstate 5 and U.S. Highway 50. Interstate 5 dissects the West Broadway Specific Plan area, and U.S. 50 forms the plan’s boundary in the northwest section. This proximity places many existing and future residences within 1,000 feet of these heavily-travelled roadways. Evidence exists associating short-term and long-term health effects with locating sensitive receptors near major roadways or rail lines. These include an increased exposure to carcinogens such as diesel particulate matter, organic gases, and fine particulate matter. In addition to carcinogens, roadway pollution may include fine particulates with metallic constituents, which are strongly associated with acute respiratory diseases and cardiovascular disease, including death from heart attack.

The City of Sacramento has the authority to consider the impact of toxic air contaminants on public health through its police powers. We recommend that the City consider exposure reduction measures for land developments in the WBSP that could expose people to sources of roadway pollution. The Sac Metro Air District recommends that the WBSP incorporate a vegetative barrier along Interstate 5 and U.S. 50. As individual projects adjacent to these roadways are approved, they would build and maintain the portions of the vegetative barrier included within their boundaries. Design considerations for individual projects would provide additional exposure reduction. To this end, **we recommend the WBSP plan include the following measures as conditions of approval for projects proposed within 1,000 feet of Interstate 5 or U.S. Highway 50:**

L2-17

- a. Plant and maintain a vegetative barrier between the project’s sensitive receptors and the freeway. See the Sac Metro Air District’s [Landscaping Guidance for Improving Air Quality near Roadways](#) for information on tree and shrub selection and planting.
- b. Plant trees to the extent possible throughout the project to maximize tree canopy in all areas.
- c. Within the project,
  - i. Locate non-residential uses nearest Interstate 5 or U.S. 50.
  - ii. Locate residences as far away as possible from Interstate 5 or U.S. 50.

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For overall guidance on developing land near major roadways, we recommend consulting the Sac Metro Air District's Mobile Sources Air Toxics Protocol. [ L2-17

Thank you for your consideration of these comments. If you have any questions, please contact me at 916-874-4816 or [teriduarte@airquality.org](mailto:teriduarte@airquality.org).

Sincerely,



Teri Duarte, MPH  
Planner/Analyst

Attachment

Cc: Paul Philley, AICP, Sac Metro Air District

**L2 Sacramento Metropolitan Air Quality Management District**  
**Teri Duarte, MPH, Planner/Analyst**  
**February 19, 2020**

- L2-1 This comment describes the Sacramento Metropolitan Air Quality Management District's (SMAQMD's) understanding of the WBSP. The comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP.
- L2-2 This comment requests revisions to Mitigation Measure 4.2-2 of the Draft EIR. Consistent with the suggested revisions made in this comment, the third paragraph on page 4.2-21 of the Draft EIR has been amended as follows:

Project applicants for individual projects within the Specific Plan Area shall comply with the required ~~recommended~~ measures of the WBSP's AQMP, which would reduce the project's operational ozone precursors from mobile sources by 15 percent in comparison to the unmitigated project. Section 7.1 of the AQMP requires that 13 percent of all new residential units include all-electric appliances and exclude natural gas connections to the units and includes specific language about how this mitigation measure will be implemented and requirements for compliance with the measure.

The modifications identified above represent clarifications and do not constitute a substantial change to the EIR. Further, the aforementioned modifications would not alter the conclusions and significance determinations made therein.

With respect to the AQMP, the AQMP is included as part of Appendix C of the EIR and is referred to as the Air Quality Mitigation Plan, as requested by the commenter. In addition, the AQMP has been added as Appendix A to the Final EIR.

- L2-3 This comment requests revisions related to the Draft EIR's reference to compliance with City General Plan policies on pages 4.2-21 and ES-10 regarding the policies of the City's General Plan. Consistent with this request, the second sentence of the third paragraph on page 4.2-21 and the second sentence under the discussion of mitigation measures related to Impact 4.2-2 on page ES-9 of the Draft EIR have been amended as follows.

Additionally, each development proposed as part of WBSP implementation would be required to comply with the policies of the 2035-General Plan in effect at the time of project proposal.

The modifications identified above do not constitute a substantial change to the EIR and do not alter the conclusions and significance determinations made therein.

- L2-4 This comment requests the expansion of the discussion of fine particulate matter (PM<sub>2.5</sub>) on page 4.2-4. Consistent with this request, the following sentence has been added to the end of the fourth paragraph on page 4.2-4 of the Draft EIR:

SMAQMD's also develops plans and regulations for compliance with standards for fine particulate matter (PM<sub>2.5</sub>) including the PM<sub>2.5</sub> Implementation/Maintenance Plan, to target emissions reductions of PM<sub>2.5</sub> in areas under SMAQMD's jurisdiction.

The modifications identified above do not constitute a substantial change to the EIR and do not alter the conclusions and significance determinations made therein.

L2-5 This comment requests the addition of wildfires as a source of particulate matter within the local air basin on page 4.2-9. In response to this comment, the fourth sentence of the first full paragraph under the heading “Particulate Matter” on page 4.2-9 of the Draft EIR has been amended to state:

PM<sub>10</sub> emissions in the SVAB are dominated by emissions from area sources, primarily fugitive dust from vehicle travel on paved and unpaved roads, farming operations, construction and demolition, ~~and~~ particles from residential wood combustion, and wildfires.

The modifications identified above do not constitute a substantial change to the EIR and do not alter the conclusions and significance determinations made therein.

L2-6 This comment requests that the discussion of ambient air quality monitoring data be amended to reflect the three most recent years of data as being 2016-2018 versus 2015-2017. In response to this comment, the first full paragraph on page 4.2-10 of the Draft EIR has been modified as follows:

Criteria air pollutant concentrations are measured at several monitoring stations in the SVAB. The Sacramento-T Street station is the closest and most representative station to the Specific Plan Area with recent data for ozone and PM<sub>2.5</sub>. Table 4.2-4 summarizes the air quality data from the 3 most recent years of data available (~~2015–2017~~)(2016-2018).

The modifications identified above do not constitute a substantial change to the EIR and do not alter the conclusions and significance determinations made therein.

L2-7 This comment requests that Table 4.2-4 be amended to remove reference to a 1-hr Ozone standard. In response to this comment, the first and second rows of Table 4.2-4 on page 4.2-11 of the Draft EIR have been amended to state:

**Table 4.2-4 Summary of Annual Data on Ambient Air Quality (2016-2018)<sup>1</sup>**

	2016	2017	2018
<b>Ozone</b>			
Maximum concentration (1-hr/8-hr avg, ppm)	0.074	0.077	0.084
Number of days state standard exceeded (1-hr/8-hr)	3	3	1
Number of days national standard exceeded (8-hr)	3	3	1
<b>Fine Particulate Matter (PM<sub>2.5</sub>)</b>			
Maximum concentration (24-hour µg/m <sup>3</sup> )	24.4	44.5	149.9 <sup>2</sup>
Number of days national standard exceeded (24-hour measured)	0	2	3
<b>Respirable Particulate Matter (PM<sub>10</sub>)</b>			
Maximum concentration (µg/m <sup>3</sup> )	51.4	150.3 <sup>2</sup>	309.5 <sup>2</sup>
Number of days state standard exceeded	0	0	0
Number of days national standard exceeded	1	21	22

Notes: µg/m<sup>3</sup> = micrograms per cubic meter; ppm = parts per million

<sup>1</sup> Measurements from the Sacramento-T Street station for ozone, respirable particulate matter (PM<sub>10</sub>), and fine particulate matter (PM<sub>2.5</sub>).

<sup>2</sup> The large increase in PM<sub>2.5</sub> for these years was caused by wildfire smoke which impacted the Sacramento region (SMAQMD 2018).

Source: CARB 2019

The modifications identified above do not constitute a substantial change to the EIR and do not alter the conclusions and significance determinations made therein.

L2-8 This comment requests the addition of a footnote that indicates the role of wildfires with respect to particulate emissions in the local air basin. In response to this comment and as shown above in Response to Comment L2-7, Table 4.2-4 on page 4.2-11 of the Draft EIR has been amended per this request.

L2-9 This comment requests that the reference to Table 2-1 in the last full paragraph on page 4.2-21 be amended to reflect Table 2-2 instead. In response to this comment, the second sentence of the last paragraph on page 4.2-14 of the Draft EIR has been modified to state:

Table 2-24 in Chapter 2, "Project Description," of this EIR details the projected development anticipated under the WBSP.

The modifications identified above do not constitute a substantial change to the EIR and do not alter the conclusions and significance determinations made therein.

L2-10 This comment requests additional modeling data for the CalEEMod Winter runs for modeled construction and operations, that was missing, but intended to be included in the appendix of Draft EIR. The additional modeling information (CalEEMod Winter modeling results) is included in Appendix B of the Final EIR and matches the construction emissions data included in Table 4.2-5. The construction model results included in Appendix B of the Final EIR are intended to replace the CalEEMod construction modeling results included in the appendix of Draft EIR.

L2-11 This comment requests that the first sentence of the second paragraph of Mitigation Measure 4.2-1b be amended to reflect City approval instead of the County. In response to this comment, the first sentence of the second paragraph of Mitigation Measure 4.2-1b on page 4.2-16 of the Draft EIR has been amended to state:

Before any grading activities, the project applicant or its designee shall provide a plan for approval by the ~~County~~ City and SMAQMD demonstrating that the heavy-duty off-road vehicles (50 horsepower or more) to be used during construction, including owned, leased, and subcontractor vehicles, will achieve a project-wide fleet-average of 10 percent NO<sub>x</sub> reduction (depending on available technology and engine Tier) compared to the most recent CARB fleet average.

The modifications identified above do not constitute a substantial change to the EIR and do not alter the conclusions and significance determinations made therein.

L2-12 This comment requests that the first sentence of the first paragraph on page 4.2-18 be amended to reflect SMAQMD instead of the Sacramento Municipal Utility District (SMUD). In response to this comment, the first sentence of the first paragraph on page 4.2-18 of the Draft EIR has been modified as follows:

Payment into ~~SMUD's~~ SMAQMD's mitigation fee program would provide funding for SMAQMD to implement emission reduction projects in the SVAB, such as installing newer engines on off-road equipment or installing EPA-certified woodstoves in the place of non-certified woodstoves in residential units.

The modifications identified above do not constitute a substantial change to the EIR and do not alter the conclusions and significance determinations made therein.

L2-13 This comment requests that the EIR be amended to correctly refer to Mitigation Measure 4.2-2 in the last sentence of the third full paragraph on page 4.2-22. In response to this comment, the last sentence on page 4.2-22 of the Draft EIR has been amended to state:

Mitigation Measure 4.2-4~~2~~ below includes details about the AQMP and the mitigation measures required to implemented as part of this EIR that are included in the AQMP.

The modifications identified above do not constitute a substantial change to the EIR and do not alter the conclusions and significance determinations made therein.

L2-14 This comment requests that the Draft EIR be amended to reflect the correct reference to the AQMP's location. The AQMP was included as part of the Draft EIR, within Appendix C, although the initial pdf of Appendix C was missing the file. Upon discovery this was amended and posted to the City's website. In addition, the AQMP has been added as Appendix A to this Final EIR.

L2-15 This comment requests the inclusion of the AQMP for the project, which was missing from the Draft EIR. Appendix A of the Final EIR includes the contents of Appendix A of the AQMP for the project, which was not included in the Draft EIR, in reference to comment L2-15. In regards to the commenters note on the "details on 2019 Title 24 energy reductions" included in the AQMP appendix, Appendix A of the Final EIR also includes a table titled "WBSP Energy Use Adjustments" which includes energy use adjustments made to the CalEEMod modeling to account for the 2019 Title 24 standards and mitigation measure M1 in the AQMP, requiring 13 percent of all residential units to be all electric.

L2-16 This comment requests additions to modeling data on the daily emissions during the winter months for modeled construction and operations to be included in the appendix of Draft EIR. Appendix B of the Final EIR includes the construction CalEEMod runs which match the emissions estimates included in Table 4.2-5 of the Draft EIR. As noted above in Response to Comment L2-10, the construction emissions summary presented in Table 4.2-5 on page 4.2-14 of the Draft EIR reflects winter month emissions associated with construction under the WBSP.

L2-17 The comment requests clarification as to why the EIR did not evaluate an alternative that would reduce potential exposure to emissions along I-5 and US 50. Per Section 15126.6 of the CEQA Guidelines, an EIR should evaluate alternatives that would lessen one or more significant effects associated with project implementation. In 2015, a California Supreme Court decision addressed CEQA requirements with regard to the effects of existing environmental conditions on a project's future users or residents. Per the Court, the effects of the environment on a project (i.e., air quality impacts from existing roadways on proposed development) are outside the scope of CEQA unless the project would exacerbate these conditions (see *California Building Industry Association v. Bay Area Air Quality Management District* [2015] 62 Cal.4th 369, 377 ["we conclude that agencies generally subject to CEQA are not required to analyze the impact of existing environmental conditions on a project's future users or residents. But when a proposed project risks exacerbating those environmental hazards or conditions that already exist, an agency must analyze the potential impact of such hazards on future residents or users."]). As further concluded on remand by the appellate court, CEQA cannot be used by a lead agency to require a developer to obtain an EIR or implement mitigation measures solely because the occupants or users of a new project would be subjected to the level of emissions specified. The discussion and requirement of mitigation related to air quality conditions near I-5 and US 50 would fall into the category of impacts of "existing environmental conditions on a project's future users or residents." Further, the types of land uses proposed as part of the

WBSP would reflect a change in use from some high-intensity commercial/industrial uses to more residential development and would not be anticipated to exacerbate conditions. As a result, and in light of applicable court decisions, evaluation of the suggested alternative was considered but not presented as part of the Draft EIR as it would not reduce impacts of the project on the environment. The recommendations suggested by SMAQMD, however, will be considered by the City as requirements for future development within the Specific Plan Area and in an effort to promote the continued health of City residents, including those within the boundaries of the WBSP.



*Sent Via E-Mail*

February 18, 2020

Ron Bess, Assistant Planner  
 Community Development Department  
 300 Richards Boulevard  
 Sacramento, CA 95811  
[RBess@cityofsacramento.org](mailto:RBess@cityofsacramento.org)

**Subject: West Broadway Specific Plan | EIR | 2018072032**

Dear Mr. Bess:

The Sacramento Municipal Utility District (SMUD) appreciates the opportunity to provide comments on the Draft Environmental Impact Report (EIR) for the West Broadway Specific Plan (Project, SCH 2018072032). SMUD is the primary energy provider for Sacramento County and the proposed Project area. SMUD’s vision is to empower our customers with solutions and options that increase energy efficiency, protect the environment, reduce global warming, and lower the cost to serve our region. As a Responsible Agency, SMUD aims to ensure that the proposed Project limits the potential for significant environmental effects on SMUD facilities, employees, and customers.

L3-1

It is our desire that the Project EIR will acknowledge any Project impacts related to the following:

- Overhead and or underground transmission and distribution line easements. Please view the following links on smud.org for more information regarding transmission encroachment:
  - <https://www.smud.org/en/Business-Solutions-and-Rebates/Design-and-Construction-Services>
  - <https://www.smud.org/en/Corporate/Do-Business-with-SMUD/Land-Use/Transmission-Right-of-Way>
- Utility line routing
- Easements for infrastructure including the need of 12.5-foot Public Utility Easements (PUE) needed to serve the West Broadway Specific Plan area.
- Relocation impacts to electrical infrastructure
- Electrical load needs/requirements
- Energy Efficiency
- Climate Change
- Cumulative impacts related to the need for increased electrical delivery

L3-2

SMUD HQ | 6201 S Street | P.O. Box 15830 | Sacramento, CA 95852-1830 | 1.888.742.7683 | smud.org



SMUD would like to offer the following project specific comments:

- SMUD appreciates the opportunity to have contributed to providing information in this project EIR. The information provided in Appendix II, under the Electrical discussion, states the need for additional infrastructure and facilities as development occurs. SMUD would like to be involved with discussing the above areas of interest as well as discussing any other potential issues. We aim to be partners in the efficient and sustainable delivery of the proposed Project. Please ensure that the information included in this response is conveyed to the Project planners and the appropriate Project proponents.

L3-3

Environmental leadership is a core value of SMUD and we look forward to collaborating with you on this Project. Again, we appreciate the opportunity to provide input on this EIR. If you have any questions regarding this letter, please contact SMUD's Environmental Management Specialist, Rob Ferrera, at [rob.ferrera@smud.org](mailto:rob.ferrera@smud.org) or 916.732.6676.

Sincerely,



Nicole Goi  
Regional & Local Government Affairs  
Sacramento Municipal Utility District  
6201 S Street, Mail Stop B404  
Sacramento, CA 95817  
[nicole.goi@smud.org](mailto:nicole.goi@smud.org)

Cc: Rob Ferrera

**L3** Sacramento Municipal Utility District  
Nicole Goi, Regional and Local Government Affairs  
February 18, 2020

- L3-1 This comment provides introductory text. The comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP.
- L3-2 The comment lists topics that the Draft EIR should address including transmission line easements, electrical load requirements, energy efficiency, climate change, and cumulative electrical impacts. Draft EIR Impact 4.14-4 describes the construction of new/expanded electricity, gas, and telecommunication services and facilities; cumulative electrical impacts are discussed under Impact 4.14-5, beginning on page 4.13-33 of the Draft EIR. Energy efficiency is discussed in Section 4.5, "Energy," and climate change is discussed in Section 4.7, "Greenhouse Gas Emissions and Climate Change."
- L3-3 The comment requests that the City and project applicants include SMUD in the conversations regarding potential impacts to SMUD facilities from the proposed projects, pursuant to the WBSP. The comment further requests that the City provide information provided in SMUD's comment letter to appropriate project applicants. The City would continue to consult with SMUD for projects that would occur pursuant to the WBSP. The comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP.

### 3.3.2 Organizations

#### West Broadway Specific Plan and Draft EIR Comments

SCH 2018072032, 19feb2020

Reviewer: Land Park Community Association

Letter  
O1

ATTN: Ron Bess, RBess@cityofsacramento.org,  
Helen Selph, HSelph@cityofsacramento.org  
City of Sacramento, 300 Richards Blvd 95811

The Land Use Committee of the Land Park Community Association supports the concepts underlying the West Broadway Specific Plan. Our support for both the planning and review process is done in collaboration with the Upper Land Park Neighbors Association in an effort to build complete neighborhoods that integrate into healthy communities. This community has long needed an updated vision for this rapidly transforming area. In conjunction with the Broadway Complete Streets project aimed at creating a complete neighborhood commercial corridor, we welcome a new and modernized approach that makes this area a vital part of the City of Sacramento. To this end we have participated in past planning efforts and honor previous plans addressing West Broadway.

O1-1

**Concern #1:** Not all previous Plans and Comments have been honored and addressed in the current plan, discounting the effort, contributions, and agreements of the past. Explanations or over-riding considerations should accompany the acknowledgement of all preceding efforts.

Furthermore, we understand the need to create higher urban densities to absorb the inevitable growth as Sacramento is recognized as one of the most “livable” cities in a most desirable state. When well-planned and designed, increased urban density can combat the deleterious effects of urban sprawl – long commutes, significant increases in vehicle miles traveled, increasing vehicular pollution among them. Density can contribute to both sustainability and equity.

O1-2

**Concern #2:** An increase in density with the planned 3700 additional dwelling units also creates a decline in community mobility, causing traffic intersections to drop to an unjustified and the lowest level-of-service (LOS-F) in our neighborhood commercial corridors.

In addition, the corresponding drop in mobility is exacerbated by the addition of 8000-11,500 vehicle trips per day from the planned West Sacramento – Broadway Bridge, with design alternatives of two to four vehicle traffic lanes in addition to “neighborhood friendly” multi-model accommodations.

O1-3

**Concern #3:** The Broadway Bridge “neighborhood friendly design” should contribute to a reduction of vehicles miles traveled in the City and have no negative impacts on the mobility and air quality of our neighborhoods.

Crash frequency, severity and rates are usually greatest at intersections, and these performance measures are sensitive to increases in the volume and in the number of crossing and left turn conflicts. Crashes numbers and rates are also affected by the intersection configurations and the specific form of intersection traffic control.

O1-4

**Concern #4:** A predictive safety performance analysis is required to determine if the WBSP will impact public safety (all travel modes) as referenced in Caltrans letter (dated 2018 ) and in Appendix B of the CEQA Update package (adopted December 2018). However, documentation of safety impact

analysis findings, calculations, study assumptions etc. does not appear to be included in the Draft EIR, or its Appendices.

O1-4  
cont.

Finally, in honor of the City’s General Plan and the Greater Land Park Community Plan, we acknowledge and support the principles of LIVABILITY, SUSTAINABILITY, AND EQUITY. In so doing, we support the strategies adopted by the SHRA Transformation Plan to upgrade and integrate their area public housing throughout the City’s neighborhoods

O1-5

**Concern #5:** The Specific Plan acknowledges that nearly 50% of Sacramento’s current public housing exists within the Plan area, yet calls for doubling the density of “affordable housing” to 34% of the proposed buildout. When compared to the Rail Yards Specific Plan, currently approved for an 6% mix of affordable housing, we fail to see the principle of equity applied. Also, reducing low income density would help the plan meet the open and community space standards for this underserved public.

It is with a backdrop of general support that the Land Park Community Association in conjunction with the Upper Land Park Neighbors Association provides the attached questions, comments and observations on the WBSP and Environmental Impact Report as part of the public record.. These are meant to be constructive in all manners but also intended to clarify our summary recommendation.

O1-6

**Summary Recommendation:** (1) Adopt WBSP Alternative #3 to modify density increases in SHRA properties and zones adjacent to existing R-1 designation; and, (2) restrict the West Sacramento Broadway Bridge to two lanes, prioritizing the use of public transportation over vehicle use. Alternative #3 would sufficiently achieve the provision of a variety of housing choices, better the management of the West Broadway corridor as a gateway to the City, and improving the street grid connections within the Specific Plan Area while reducing their negative impact on the surrounding neighborhoods. Therefore, when considering objectives, the WBSP Alternative #3 would best meet the purpose and need for the plan.

**Attachments for the Record:** *West Broadway Specific Plan & Draft EIR Review and Comments*, Land Park Community Association with the Upper Land Park Neighbors Association 16feb2020.

O1-7

Kirk Vyverberg  
Land Park Community Association  
Land Use Planning  
[Kyverberg@comcast.net](mailto:Kyverberg@comcast.net)  
916.212.7693

WBSP-Draft EIR Review 19feb20.doc  
Reviewers:  
Luree Stetson  
Bob Schaevitz  
Jerry Champa  
Steve Wheeler

**UPPER LAND PARK NEIGHBORS ASSN**  
**LAND PARK COMMUNITY ASSN**  
**COMMENTS**  
on the  
**CITY OF SACRAMENTO'S**  
**WEST BROADWAY DRAFT SPECIFIC PLAN**  
**and DRAFT ENVIRONMENTAL DOCUMENT (EIR)**  
(February 18, 2020 final)

**HOUSING, LAND USE AND ZONING**

In 2015, Land Park Community Association, Upper Land Park Neighbors, Greater Broadway Partnership participated in the development of a Choice Neighborhoods Initiative (CNI) Transformation Plan for the redevelopment of SHRA's Marina Vista and Alder Grove public housing (72 acres). This CNI Transformation Plan is referenced in the WBSP and some elements are specifically incorporated into this WBSP, while many others are not. For example, there is less density proposed in Marina Vista near existing single family homes, which is appreciated. Also, many of the issues in the WBSP merely identify "goals" and not specific direction for SHRA's parcels, which are approximately 76 acres total. The WBSP should include the specific recommendations on land use and densities identified in the CNI Transformation Plan. The WBSP must provide clearer policy direction for SHRA's future development because its two parcel would have 34% of the total residential housing units in the whole WBSP area. Out of 4,900 total units, SHRA would be able to build up to 1,610 on its two parcels).

**WBSP ISSUE: Concentrates more affordable housing to SHRA's existing 751 public housing units at Marina Vista (along 5th St& Vallejo) and Alder Grove (Broadway & Muir Way) -- doubling and tripling number of units on these two large sites.**

Upper Land Park currently has approximately 50% of the total City public housing units and the WBSP greatly expands the amount of local affordable housing in the WBSP area. We are not opposed to public housing and do not seek to eliminate it within the planning area boundaries. Presently the Alder Grove and Marina Vista areas contain 360 and 391 units respectively. A third public housing area in Upper Land Park, Land Park Woods, has 75 units so there are now 826 public housing units in Upper Land Park. With the proposed increases to 930 and 680 units, for Alder Grove and Marina Vista, the total count will be 1,610 units, a 104 percent increase. We believe it is unreasonable to increase the public and affordable housing stock by such a large amount. Much of the recent national dialogue on housing is moving in the opposite direction, seeking to disperse, not centralize, public and affordable housing on large parcels.

There is an equity issue at play in the WBSP relating to increasing public and affordable housing. For example, compare the Rail Yards Specific Plan with the WBSP. The approved Rail Yards Mixed-Income Housing Strategy states that if 10,000 residential units are ultimately built, 600, or 6 percent, must be affordable (not necessarily public, but affordable). If 6,000 total residential units are built 500 units must be affordable, or 8.3 percent. In the proposed WBSP it is proposed there will be 1,685 public housing units out of 4,900 total units, or 34 percent on two parcels. Equity requires reducing the share of public and affordable units in Upper Land Park and increasing the share of affordable housing in other parts of the City, including the Rail Yards area.

In addition, the WBSP states a goal that affordable will be encouraged in other areas of the WBSP areas, but allows private developers to pay an "in lieu" housing fee to not build affordable housing units with their projects. The WBSP identifies only the Sacramento Housing and Redevelopment Agency (SHRA) properties with public and affordable housing.

**Recommendations:**

1. Include more details for SHRA's two large parcels. The WBSP should include a more detailed housing strategy and identify the percentage of public, affordable and market-rate housing. In addition, the housing strategy should identify average median incomes (AMI); product types (rental and ownership) and document how SHRA parcels will result in a true mixed use development. Documentation of a range of housing opportunities and economic, racial, and demographic integration is critical. This was required of private developers in the Railyards and should be required for SHRA to ensure future development on SHRA parcels results in a true mixed-use community -- and not merely increase and concentrate low income housing on SHRA's two parcels.
2. Add Plan language that requires SHRA to evaluate city-owned sites outside of the Plan area for relocation of some existing public housing. Consider selling either the Alder Grove or Marina Vista parcels (or portions), require the SHRA land to support a mix of market rate housing types and using the proceeds to purchase and develop a suitable tract elsewhere in Sacramento that will relocate some of the public housing in the West Broadway area. The current WBSP ignores community input from the July 31, 2019 public meeting which requested limiting (not eliminating!) public housing in Upper Land Park. We agreed existing SHRA residents must be protected. However, a residents' survey indicated that 34% of existing residents would consider relocation. Also, SHRA agreed to look at other sites in and outside of the Plan's area in the Choice Neighborhoods Initiative (CNI) Transformation Plan, which also identified 14 sites for potential affordable housing developments. The WBSP says this "may happen" it does not require it and Environmental Impact Report (EIR) states affordable units will be placed on SHRA properties. Other major cities have reduced the concentration of public housing and affordable units to other locations. Seattle moved 100 units out of

one housing development so that it had a more balanced mix of housing and economic diversity.

**WBSP ISSUE: Housing Types and Mix Need to be identified in the Plan and the zoning.**

The WBSP needs to develop more clarity about the mix of housing types on public housing land. This is similar to item 1, above, but about residential zoning, not commercial zoning. The proposed densities for Alder Grove and Marina Vista are 36 and 30 units per net acre, respectively. We agree and understand that generally urban residential density will be increased. However, in the situation where multi-unit will be directly adjacent to existing single-family residential development there should be a transition zone of intermediate density housing. This would support the City Housing Goal H-1.3.5, housing type distribution. This concept was also agreed to by SHRA in the Choice Neighborhoods Initiative Transformation Plan.

**Recommendation:** Add language to Specific Plan that requires specific housing types that are similar in size, character to existing single family homes along McClatchy Way, Merkeley and San Luis Court and lower densities that are compatible with single family.

**WBSP ISSUE: C-2 Zoning adjacent to Existing Single Family homes**

On the proposed zoning map (figure 4-4: Zoning December 2019 EIR) we are concerned about the C-2 zoning in the southeast section of the specific planning area. We note that this “edge” of the planning area directly abuts a single-family residential area. The C-2 zone is along 5<sup>th</sup> Street, but ends next to Merkeley and McClatchy Ways. We believe that there needs to be a smoother transition to this edge adjacent to the single-family residences. Under the proposed C-2 zoning the density range is 33 to 110 units per acre.

**Recommendation:** Change C-2 zoning to R-3A or less on parcels that front Merkeley Way. The edge near the above streets should be limited to housing stock that is more compatible with the existing adjacent residential neighborhood. Duplexes and small lot single family homes, with residential densities less than 30 net units per acre would be appropriate. Similarly, any surrounding commercial development in this proposed zone should be limited in height to no more than 35 feet.

**WBSP ISSUE: Plan is unclear about housing types on Alder Grove Parcel, which increases units from 360 up to 930.** To obtain the number of units, what building types will be needed, i.e. 6 story multi-unit buildings? What percentage of buildings would be large multi-unit buildings vs. smaller residential units. (The CNI Transformation Plan included owner-occupied single family homes and condos.

**Recommendations:** Add more detail to the WBSP and identify building types, percentage on SHRA two parcels. This level of detail should be specified in the plan and zoning changes..



## **TRAFFIC CIRCULATION, MOBILITY & TRAFFIC SAFETY**

The WBSP doesn't identify basic traffic analysis data and information from which the public can understand the impacts to the larger Land Park residential areas and its key commercial corridors. We have asked for data to better understand the following and would like the following information made available in the WBSP or its appendices. When reviewing Section 4.12 Transportation and Circulation we have the following comments.

**WBSP ISSUE: WBSP inputs and assumptions have not been disclosed. It is not possible to evaluate the traffic model results without full disclosure of the following inputs and assumptions:**

- Detailed land use quantities and trip generation rates, especially within the WBSP Area but also along Broadway and elsewhere within the Study Area
- Exact locations of various projects included in the “Cumulative” alternatives, especially the proposed Broadway Bridge
- Detailed trip tables showing distribution of trips between zones, especially for zones within the WBSP Area
- Mode share allocations for all four modes: vehicle, transit, pedestrian, and bicycle – both inputs and results after trip generation and assignment
- Travel counts for non-auto modes: transit, pedestrian, bicycle.

**Recommendation:** provide above data to the public in final WBSP appendices

**Recommendation:** The analysis should be focused on the “No Build” and “Build” alternatives – that is, the third and fourth of the “Analysis Scenarios” described on page 4.12-1 of the document that area built on cumulative conditions. It is not useful to analyze the impact of the WBSP on existing conditions (the second alternative listed on page 4.12-1), as that scenario cannot exist in the future.

**Recommendation:** The analysis should present volume to capacity ratios (V/C) as well the various Level of Service (LOS) outcomes. This omission makes it difficult to truly evaluate the impacts of the WBSP.

**Recommendation:** Provide more detail for the public to understand and evaluate the “difference method” forecast. The WBSP seems to imply that model-generated baseline volumes are not consistent with actual counts. Were the adjustments made on a link-by-link basis, on a trip generation basis, or other basis? How did changes in mode share factor into these adjustments?

**Recommendation:** The sentence in the first paragraph of this section that includes “This cumulative impact analysis does **not** rely on a list...” [emphasis added] does not make sense, since there is extensive discussion elsewhere of projects that are reflected

in the future year analysis, as well as the fact that the SACMET traffic model will include future projects as well. Also see the following two paragraphs on page 41.

**Recommendation:** As recommended by Caltrans, we believe the WBSP's study area should be increased to, at a minimum, Freeport Blvd on the east, Sutterville Road on the south, and R Street on the north. The designated Study Area (Impact Analysis Area) is too limited to permit analysis and evaluation of the WBSP's impacts on surrounding areas, including Upper Land Park, Land Park, and the Downtown Core.

**WBSP ISSUE: Specific traffic concerns in Section 4.12**

First, the WBSP area does not currently meet standards for a Transit Priority Area (TPA), and second, an increase in service in the future necessary for it to qualify as a TPA is not currently funded, and is not feasible within current funding programs and sources.

**Recommendation:** Redo the analyses to reflect realistic mitigation for public transit ridership

How were trips using the proposed Broadway Bridge over the Sacramento River calculated, and where are the results showing what proportion of cumulative trips are accounted for by the Bridge project?

**Recommendation:** provide information in Final EIR.

In Table 4.12-7, we note that while total vehicle trips over baseline are expected to increase by exactly 3.00 times (300%), internal trips are forecast to increase by 12.3 times (1,230%). This is very hard to understand, given the relatively small size of the study area and the desire by the city to promote non-auto mobility.

**Recommendation:** Provide an explanation in Final EIR.

Is there a table analogous to 4.12-7 that compares trips for the Cumulative-Plus-Project scenario? We cannot locate such a table.

**Recommendation:** Provide table for Cumulative-Plus-Project.

**WBSP ISSUES: New 8th St connector street and recommended auto routes through Upper Land Park and Land Park proper.**

- **Realigns Muir Way to Broadway at 8th Street, creating a new "collector" street to reduce backup traffic created by West Sacramento Bridge.**
- **Recommends primary north-south collector roadways as major auto routes - 5th Street, Muir Way and Riverside Blvd.**
- **Suggests "signage" indicating 5th, Muir and Riverside are major roadways.**

Because of the increased traffic from more dense development, the new West Sacramento bridge connecting at Broadway's west end, and the reduction in traffic lanes on Broadway ("Complete Streets" Project), most intersections on West Broadway

go to "Level of Service" LOS F, resulting in three or more traffic light changes for clearing an intersection. The WBSP ignores the community's input at the July 31, 2019 WBSP Community Workshop. Residents' stated they wanted the WBSP to create.....connectivity to the Central City, Miller Regional Park and West Sacramento. (#1, page 10); minimize traffic impacts from new development, ***including cut-through traffic*** (#2, page 10); and 3) ***reduce traffic impacts*** to neighborhoods (page 1) (Workshop Summary).

Instead, the WBSP reduces traffic on Broadway by re-routing it through our residential neighborhood and creating the first LOS F intersection in the greater Land Park residential area. Realigning Muir Way through Alder Grove to connect at 8th Street, would reduce traffic delays at 8th St (creates a LOS E), even though Broadway intersections are allowed to be at a LOS F. The Muir Way realignment will expedite vehicular traffic from Broadway by establishing a new collector roadway as a major auto route. West Sacramento Bridge traffic and traffic from increased density will be directed onto residential streets in Upper Land Park and Land Park. In fact, the WBSP proposes "signs" to direct traffic south on 5th (from Broadway to Vallejo), Muir Way (Broadway & 8th Street to Vallejo Way) and Riverside (from Broadway) onto our residential areas. Instead of directing increased traffic out of residential areas, the Plan does the exact opposite and creates a LOS F at Vallejo Way and Riverside Blvd and other residential street intersections go to LOS D. Funneling traffic onto Vallejo Way is dangerous because it doesn't physically meet the City's width requirements for a collector street. (At Riverside its width is approximately 23 feet and meets the City definition of a neighborhood street.)

**Recommendations:**

1. Include language in WBSP that encourages West Broadway Bridge traffic to be dispersed onto X Street to reduce traffic delays on Broadway.
2. Do not realign Muir Way to 8th Street. Instead direct Broadway traffic north at 8th Street and onto X Street. W and X Streets were built to handle higher traffic volumes.
3. Reduce housing density levels to help reduce traffic impacts in Upper Land Park and Land Park. (Alternative 3 of the Draft EIR states that reduction in housing would reduce traffic.)

**WBSP ISSUE: The lack of mitigation for the impact to intersection of Vallejo and Riverside.** The increase in traffic throughout each day will increase intersection conflicts and therefore crash risk; and, increased congestion will encourage some drivers to cut through residential streets to reach alternative routes (e.g. Land Park Drive).

**Recommendation:** Consider traffic movement restrictions (time of day), or, innovative treatments, including Mini-Roundabout intersections.

**WBSP ISSUE: Creates major delays at intersections throughout Specific Plan area that are significant, but unavoidable according to the Plan's Environmental Impact Report (EIR).**

According to the WBSP traffic analyses, the worst impact in traffic delays occurs at Vallejo Way and Riverside Blvd, which would go to a LOS F during AM peak commute times: 105 sec delay (AM) and 107 sec delay (PM). (Footnote, Table 4.12-12 AM and PM peak intersection operation, p 4.12-47)

Most other intersection operations vary by location and peak hour. All would operate at LOS D or better in AM peak. The highest delays would occur in PM peak commute times at Broadway/Front (LOS E) 73 sec delay; Broadway/8th (LOS E) 63 sec delay; Vallejo/Riverside (LOS D) 40 sec delay; and X Street/3rd St (LOS F) (MM 4.12-2, EIR)

**WBSP ISSUE: The draft EIR (including Appendix G) does not contain any documentation of, or direct reference to technical studies performed to evaluate the affect of the WBSP (project) on traffic crash frequency, severity and rates.**

Appendix B of the December 2018 CEQA update package on "Transportation Impacts" provides general information & guidance on safety impact analysis & mitigation. Also, Caltrans has commented on the need to perform safety analysis focused on changes to the configuration, traffic conditions, and traffic control strategy employed at intersections. Analytical tools can predict changes in crash-type, frequency, severity and rates based on the direct and well-established relationship among traffic volumes, operating conditions (speed, speed differential, and queuing), and crashes.

**Recommendation:** A safety performance analysis must be conducted at all affected and new intersections at which an arterial, urban collector, traffic signal, or through operating speeds (on one intersecting street) are above 35 MPH.

<> Under the principle & goals of any Vision Zero program, any predicted or estimated increase in serious injury & fatal crashes (regardless of travel mode) would be a significant impact

<> numerous intersection safety strategies can be proposed & evaluated to determine which would mitigate the conditions responsible for increase in risk and crash potential.

**Recommendation:** A Traffic safety performance analysis (and other studies) must be performed for intersections at which the city has decided to install a traffic signal. The California MUTCD recommends use of the Intersection Control Evaluation framework to predict and compare the safety, mobility, economic, air quality, sustainability, energy, annual operational & maintenance costs, and queuing generated by alternatives in order to INFORM decision-making (and "makers") and the public.

**Recommendation:** Develop roundabout alternative and compare versus traffic signal, and present findings for public review & comment

**WBSP ISSUE: An increase in Left-Turn and Crossing conflicts can increase the number of severe crashes on Broadway over the life or design period.**

**Recommendations:**

Direct West Broadway Bridge traffic onto X Street as soon as possible. This could be done by eliminating the I-5 to Highway 99 off ramp to 3th Street to build connector which allows bridge traffic to use X Street and reduce traffic on Broadway. (Caltrans is benefitting from the bridge by removing traffic from Highway 50 freeway .)

Perform and document impacts in consideration of the City's Vision Zero goal, and State's Strategic Highway Safety Plan goal. Certain intersections (Riverside at Broadway and at X Street) already have severe crash history. The increase in traffic will produce an increase in severe crashes unless mitigation is included. .

**WBSP ISSUE: Creates serious delays on US 50 East Bound off ramp at X Street and 5th Street.** Currently queues are 1,475 feet; increases queues to 2,675 feet during peak periods. (Off ramp queues, p. 4.12.-48 & 49, EIR). This creates dangerous conditions for traffic traveling on I-5 and going onto W/X Freeway to Highway 50 or 99.

**Recommendation:** Reduce density to mitigate traffic coming onto Broadway (Alternative 3) .

**NEIGHBORHOODS & SERVICES****WBSP ISSUE: Community Centers**

**We believe the WBSP provides inadequate community center space at the two major public housing at Alder Grove and Marina Vista.** Currently, for 751 units between the two areas, there is 12,000 square feet of community center space. The unit count for public housing in the WBSP more than doubles, yet the community center space only increases 50 percent, to 18,000 square feet. Plus, the original space allocation of 12,000 square feet for community center space is too small. One of the public inputs from the July 31, 2019 public meeting was to enhance the community center, not scale it back on a relative basis.

**Recommendation:** Re-evaluate and increase the community center space on SHRA properties. A much larger multi-function community center should be developed, one that serves both SHRA public housing residents and the greater Land Park community. With up to 930 units at Alder Grove, a much larger community space area is needed. A space needs study should be conducted to properly size and build this community :

**PARKS AND OPEN SPACE**

**WBSP ISSUE: The WBSP proposed park acreage and locations are inadequate for proposed density.**

The WBSP admits that it doesn't meet the City's park acreage requirements. It lacks 7.2acres based upon the expected number of people who will reside in the area. This

ignores the community input at the July 31, 2019 meeting, which requested parks within walking distance of residential units. The WBSP increases existing residential units from the current 1,113 to 4,900. That's an enormous 340 percent increase. Yet, the proposed local serving public park increases are minuscule, not at all in keeping with the residential unit increases. For example, Alder Grove, proposed to grow from 360 units to 930 units, only adds 3 acres of public park space. Similarly, Marina Vista, increasing from 391 to 680 units adds only 2.5 park acres. There is some vague Specific Plan language about improving Miller Regional Park, but the Plan does not assure this will be done and as a regional park it does not satisfy the need for close-in local serving parks. In lieu park fees used for park amenities or park acres in other areas of the city is inadequate for the population being proposed in the WBSP area. This will put more strain on Southside Park and William Land Park.

**Recommendation:** The WBSP must add more park acres by creating locally serving public parks in the WBSP area. Any in lieu park fees obtained within the WBSP area should be used in the West Broadway Specific Plan Area.

## **HISTORIC AND CULTURAL RESOURCES**

**WBSP ISSUE: Proposes total demolition of the New Helvetia Historic District (aka Alder Grove) and ignores community input at 7/31/2019 Workshop which said to "Preserve the historic portions of Alder Grove" (page 13, Workshop Summary).**

WBSP doesn't adequately articulate the historic importance of the historic brick buildings and district located at Broadway and Muir Way, across from the historic Old City Cemetery. New Helvetia is the site of the first fight against segregation in Sacramento. The WBSP states that SHRA must follow state and federal rules, but then the WBSP states all buildings will be demolished, which does not meet the Secretary of Interior's Preservation Standards. New Helvetia Historic District (most of Alder Grove) is a national and state approved historic district meeting three criteria<sup>1</sup>:

The WBSP references an SHRA "Historic Preservation Strategy Review" report, but doesn't include details about the report in the WBSP. That report states that half of buildings should be retained to preserve an historical district. This should be stated in the WBSP to encourage SHRA to retain the historic buildings and also add housing density by removing some historic buildings and adding more housing in open space and parking lots. Instead, the WBSP recommends demolition of all historic buildings in New Helvetia Historic District. And that possible mitigation for demolition, the WBSP suggests placing "monument" signs throughout the development that discusses Nathaniel Colley's history at this site. (This is same recommendation in the CNI Transformation Plan recommendation, which was rejected at the July 31, 2019 Community Workshop.) The WBSP recommendation to destroy New Helvetia Historic District with proposed mitigation of monument signs would not meet the Secretary of

Interior's Historic Standards. Keep a portion of the historic brick buildings to create more diverse housing types within the area and adjacent to Historic City Cemetery.

**Recommendations:**

1. Add language to the WBSP that recognizes the importance of New Helvetia.
2. Describe the recommendations from the SHRA's Historic Preservation Strategy Review which was to retain a large portion of the historic buildings with upgrades, i.e. 60% of buildings, and add new housing stock.
4. The Specific Plan should state that redevelopment of Alder Grove (aka New Helvetia Historic District) can be achieved -- adding more new housing - and at the same time preserve a large number of the existing historic brick buildings. Preserving a part of the New Helvetia Historic District would create a unique, high density development across from the historic City Cemetery..

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<sup>i</sup> New Helvetia Historic District meets three criteria for Secretary of Interior's approval: 1) Important person: Nathaniel Colley, Sr. the first black attorney in Sacramento who received national recognition for promoting fair housing; 2) Important event: site of first challenge to segregation in Sacramento brought about by Nathaniel Colley; and 3) Important Architecture: only development in which Sacramento's top four architects worked together. Only 3% of the nation's approved historic entities meet three criteria. only 5% of the City's 77 nominated listings meet all three criteria.

Revised 2/18/2020 final



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## 01 Land Park Community Association February 18, 2020

- O1-1 This comment provides introductory text and an overarching expression of support for planning of the Specific Plan area. The commenter's states that not all previous plans and comments were honored or addressed; the record reflects that the City considered previous planning efforts in development of the WBSP. However, not all historic plans and/or comments provided were in agreement or consistent with each other. The City considered and weighed the various comments in developing the draft WBSP. Chapter 1 of the WBSP provides an overview of the planning process and level of community outreach and input that went into the plan's development, consistent with the commenter's suggestion. The comment does not address the adequacy of the EIR analysis, and no further response is required.
- O1-2 The comment states that increased density causes traffic intersections to drop to an "unjustified" LOS F. Level of Service (LOS) F is considered acceptable at certain intersections within the WBSP, consistent with existing general plan and City policies, as noted on page 4.12-4 of the Section 4.12, "Transportation and Circulation," of the Draft EIR. Refer to Master Response 4 for further clarification regarding the need to evaluate LOS within the context of CEQA. The comment does not address the adequacy of the EIR analysis, and no further response is required within the context of CEQA. With respect to community mobility, the WBSP, specifically Chapter 7 (Mobility), includes several goals and policies, as well as planned improvements, that would be intended to provide a more integrated travel system and a safer, more comfortable experience for all modes of travel, contrary to the opinion expressed in this comment.
- O1-3 The comment states that the Broadway Bridge should be completed in such a manner so it does not have a negative impact on traffic or air quality. The Broadway Bridge project is a joint project between the cities of West Sacramento and Sacramento and is not a component of the WBSP. It is a separately planned and funded project that is being developed based upon the recommendations from the Sacramento River Crossings Alternatives Study and the Broadway Bridge Feasibility Study. The schedule for construction of the bridge will be dependent on the availability of future funding. The Broadway Bridge, as currently proposed, is evaluated in the WBSP EIR as a cumulative project, however, this comment reflects the commenter's opinion regarding desired operational characteristics/impacts of the Broadway Bridge, itself, which is outside the scope of this EIR. As such, the comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP.
- O1-4 The comment calls for a predictive safety performance analysis of all travel modes to be included in the Draft EIR. The Draft EIR includes an evaluation of potential impacts to travel modes in several ways. Impacts 4.12-1 through 4.12-3 evaluate potential VMT and vehicle queuing as a result of WBSP implementation. Impacts 4.12-4 through 4.12-6 evaluate potential impacts to and inconsistencies with City policy related to the provision of alternative transportation, including through the modification of existing facilities.

Safety of any project is a relevant planning consideration, and will be considered as appropriate by the decision makers during the hearing process. It is not, however, a requirement a CEQA compliance for this project. The degree to which safety is considered as part of Appendix G's thresholds for transportation (see Question C) focuses on the geometric design of transportation facilities (e.g., the ability to make safe turning movements).

O1-5 The comment notes that affordable housing comprises 34 percent of the total potential build-out of the Specific Plan area. The comment asserts that socioeconomic effects may be associated with the specific plan project. Such effects are not significant effects on the environment but still may be considered during the planning and hearing process. The Draft EIR evaluates the potential impacts associated with a reasonable projection of future development that may occur consistent with the proposed land use and zoning designations. As noted in Master Response 3, a development project proposal for Alder Grove or Marina Vista has not been submitted to the City for review by SHRA or any other developer.

The WBSP does not specify or distinguish affordable from market-rate units, except to allow the potential to retain the level of existing affordable housing units that are already located in the Specific Plan area. Alder Grove and Marina Vista are public housing communities, managed by SHRA, with a total of 751 units in the Specific Plan area. Land Park Woods is an affordable housing community, with 55 units within the Specific Plan area. Alder Grove, Marina Vista, and Land Park Woods total 806 units of the 4,900 units projected at build-out of the Specific Plan area or 16.5 percent of project build-out under the Plan's development assumptions. These development assumptions were used for analysis purposes within the Draft EIR. While the City recognizes this number is greater than at the Railyards, the differences between the two is not an appropriate comparison or in demonstration of an equity issue. Future project development plans at Alder Grove and Marina Vista, market conditions, and future funding strategies will determine the mix of affordable and market rate housing that will be needed to support the redevelopment of these communities.

The comment does not address the adequacy of the EIR analysis, and no further response is required within the context of CEQA.

O1-6 The comment recommends the adoption of Alternative 3 and restriction of the West Sacramento Broadway Bridge to two lanes. The commenter's expression of preference for Alternative 3 is noted but does not address the adequacy of the EIR analysis. As such, no further response is required. As noted above under Response to Comment O1-3, the proposed Broadway Bridge is a separate project from the specific plan, and is appropriately evaluated as a cumulative project. Because the Broadway Bridge is a separate project, this EIR cannot propose changes to it because it is outside the scope of this project.

O1-7 The comment notes that comments from the Land Park Community Associates with the Upper Land Park Neighbors Association are attached. These comments have been responded to separately as Comment Letter O3. The comment is included within the record for consideration as part of the WBSP.

**NATHANIEL S. COLLEY, SR. CIVIL RIGHTS COALITION (CRCC)**  
P.O. BOX 188455  
SACRAMENTO, CA 95818

Letter  
02

**February 20, 2020**

Mr. Ron Bess  
City of Sacramento  
Community Development Department  
Environmental Planning Services  
300 Richards Blvd. 3<sup>rd</sup> Floor  
Sacramento, CA 95811

(via email and hard copy)

**RE: Nathaniel S. Colley, Sr. Civil rights Coalition's (CCRC) Comments on the City of Sacramento's Draft West Broadway Specific Plan (WBSP) and Draft Environmental Impact Report (EIR) December 2019**

Dear Mr. Bess:

Thank you for the opportunity to comment on the City's Draft West Broadway Specific Plan (WBSP). Below are comments from the Nathaniel S. Colley, Sr. Civil Rights Coalition (CCRC) is a 501 (c) 3 non-profit organization committed and dedicated to the mission of educating Sacramento residents and others about the legacy and contributions of local African-American attorney Nathaniel Colley (1918-1992), his contributions to the civil rights and social justice issues of his day, and his continuing influence on modern-day social and political activism.

O2-1

The CCRC has participated in the WBSP community meetings and been active in the development of the Alder Grove (aka New Helvetia Historic District.) and has serious concerns about the WBSP's negative impacts on the New Helvetia Historic District and potential impacts to the current residents living in New Helvetia and Marina Vista housing communities. Our concerns with the Draft WBSP and EIR impacts follow below:

**Housing, Land use and Zoning**

**Level of Density:** The Alder Grove and Marina Vista areas contain 360 and 391 units respectively. With the proposed increases to 930 and 680 units, for Alder Grove and Marina Vista, the total count will be 1,610 units, a 104 percent increase. Increasing public and affordable housing stock by such a large amount on these two sites is opposite of the national housing movement, which is seeking to disperse, not centralize, public and affordable housing on large parcels.

O2-2

The WBSP allows up to 1,610 public housing units out of 4,900 total units in the WBSP area. It appears that 34 percent of the total housing units in the WBSP will be public housing and located on only two parcels. The WBSP states a goal that affordable will be encouraged in other areas of the WBSP areas but allows private developers to pay an "in lieu" housing fee to not build affordable housing units with their projects. The WBSP identifies only the Sacramento Housing and Redevelopment Agency (SHRA) properties with public and affordable housing. The percentage of public and affordable housing should be reduced in the WBSP plan area and the amount should be increased in the Rail Yards Area, which only requires 6% affordable housing out of a total of 10,000 residential units scattered on seven separate sites.

O2-2  
cont.

**Include more details for SHRA's two large parcels:** The WBSP should include a more detailed housing strategy and identify the percentage of public, affordable and market-rate housing. Documentation of a range of housing opportunities and economic, racial, and demographic integration is critical. The Railyards' Specific Plan required this, and because of the large amount of existing public housing in the Plan area, SHRA should also do this to ensure future development and does not result in an increase and concentration of low income housing on SHRA's two parcels

O2-3

**Protecting displaced households:** The WBSP does not guarantee protection for existing public housing residents. Regarding the proposals outlined in Policies H-2.1 thru H-2.4, It remains unclear where most of the current public housing residents of Alder Grove or Marina Vista will be residing at total build-out of all Specific Plan development projects. While it is encouraging that Policy H-2.3 suggests the "redevelopment of affordable low-income, workforce, and senior housing in other locations in the Specific Plan Area", no specific sub-areas outside of Alder Grove and Marina Vista have been identified as locations for this housing. Also, since Policy H-2.1 specifies the provision of replacement housing within and outside the Specific Plan area for displaced public housing residents, the City has left a window of uncertainty open to current public housing residents that might lead them to believe that they may be unable to remain in or come back to the community in which they currently reside. It is also clear that all of the density and building projections noted in the Part 4.3.3 are made with the exclusion of all existing units taken into consideration.

O2-4

This is especially troubling when coupled with the fact that the entire reconstruction or rehabilitation of Alder Grove will most likely have an adverse effect on a nationally recognized historic district whose legacy is tied to the housing and reintegration of the poor and working class families regardless of race and ethnicity into the middle class that has sustained Sacramento and the rest of the nation for many decades. The specific plan must provide clear direction to SHRA allowing existing public housing residents to reside in the specific plan area with minimal disruption.

**Historic and Cultural Resources**

**Historic Preservation:** The specific plan allows for the demolition of the New Helvetia Historic District (aka Alder Grove) and ignores community input from the last City community workshop, which requested the city to "Preserve the historic portions of Alder Grove" (page 13, Workshop Summary). The WBSP the historic importance of the New Helvetia Historic District's brick buildings and district located at Broadway and Muir Way, across from the historic Old City Cemetery. New Helvetia is the site of the first fight against segregation in Sacramento. The WBSP states that SHRA must follow state and federal rules, but then the WBSP states all buildings will be demolished, which does not meet the Secretary of Interior's Preservation Standards.

O2-5

The New Helvetia Historic District (most of Alder Grove) is a national and state approved historic district that is listed on National Register of Historic Places meeting the criteria for historic significance in all three categories:

- Event: Landmark Civil Rights Litigation
- Person: Civil Rights Attorney Nathaniel Colley
- Design and Construction: Sacramento’s Best Architects

Only 3% of national listing meet all three categories (out of 92,375 listings) and only four sites in Sacramento meet all three categories.

The WBSP references an SHRA "Historic Preservation Strategy Review" report completed in 2015, but the plan fails to include details about the report. The historic preservation strategy recommended SHRA to retain at least one-half to three-quarters of the existing of historic buildings and add housing density by removing some historic buildings. The Yes, the WBSP recommends demolition of all historic buildings in New Helvetia Historic District. To mitigate the destruction of this historic site, the WBSP and suggests placing "monument" signs throughout the development that discusses Nathaniel Colley history.

SHRA’s consultant, Page & Turnbull, states that “For a property to be eligible for national or state designation, the essential physical features (known as character-defining features) that enable the property to convey its historic identity must be evident. These distinctive character-defining features are the physical traits that commonly recur in property types and/or architectural styles. To be eligible, a property must clearly contain enough of those characteristics to represent its significance, and these features must also retain a sufficient degree of integrity. Characteristics can be expressed in terms such as form, proportion, structure, plan, style, or materials.” (page 12).

The consultant further states “In order to adequately convey the original site plan, at least half to three-quarters of the historic district—containing all building typologies— should be retained as it exists today, with modest or reversible changes introduced therein. Ideally, the central portion would be retained, as it contains all five building typologies and a range of orthogonal building groupings. This portion also contains the significant site and landscape features of the historic district. The perimeter edges of the district may be redeveloped with compatible new construction, to respond to adjacent neighborhoods and commercial corridors. It appears to Page & Turnbull that the core of the historic district may yet still have sufficient integrity to maintain eligibility for the National Register of Historic Places.” The WBSP recommendation of monument signs to mitigation for complete demolition of New Helvetia was loudly rejected by the community at the City's Community Workshop and does not meet the Secretary of Interior's Historic Standards.

However, the specific plan recommends total demolition of the historical site with references to signage on the newly developed site that make reference to its historical significance. In contrast, page 5-5 of the specific plan notes that two building associated with the non-historic Sacramento Farmers Market located on 3rd and 5th Streets, will be adaptively re-used as a food and market hall and a community center for the Mill Project.

The specific plan must include historic preservation as a neighborhood, city, state and national priority with clear direction to preserve the New Helvetia Historical site in accordance with the Federal Secretary of Interior standards and guidelines. Demolition of this site, as recommended in this plan, does not meet the federal standards and guidelines as outlined in the National Historic Preservation Act.

O2-5  
cont.

The WBSP's Alternative 2 - Historic Preservation Alternative is an inadequate alternative and should be redone to consider other ways to meet the WBSP Goals. Alternative #2 merely states it is keeping the existing historic buildings, with some modernization. Alternative #2 should be amended to consider adding density but keeping a majority of the historic buildings, in order to achieve the WBSP's stated goal of more housing density and connectivity. There are many historic redevelopment examples that accomplished more housing density while preserving the historic district.

O2-6

**Traffic and Circulation**

The WBSP allows for increased vehicle miles traveled as well as increased rates of greenhouse gas emissions in a census tract that has one of the highest vulnerability rates in the state for exposure to harmful airborne pollutants as well as traffic congestion. The WBSP calls for increased traffic flows through a nationally significant civil rights historical site as a way to mitigate future traffic congestion from increased auto use as a result of the Broadway Bridge, the employment center in the Downtown Grid, Arena activities and the future Waterfront revitalization plans. This harkens back to the Redevelopment era in Sacramento where census tract 21, which at the time of freeway construction was home to the largest African American population in the city. The Highway 50 connector was rerouted to go between W and X streets displacing African American residents along its path. Similarly, the WBSP uses racially segregated public housing to mitigate the need to increase downtown traffic flows.

O2-7

The Muir Way alignment, the 8<sup>th</sup> Street connector and new traffic corridors through the Alder Grove site only increase auto use and as a result, increase air pollutants in an already environmentally fragile location as CalEnviroScreen 3.0 makes perfectly clear. This portion of the specific plan does not meet the intent of SB 375, SB 535 and SB 1000, which call for sustainable community strategies and protections for disadvantaged communities. This transit plan does not reflect the state mandate for sustainability planning or protecting vulnerable disadvantaged residents at risk of even more exposure to environmental hazards created by poor planning decisions. The WBSP notes that community engagement data shows residents wanting to feel more connected, a need the WBSP mistakenly assumes is met through the new traffic design. However, the connectivity that the residents were referring to is the connection to jobs and opportunity rather than a street connection to increased traffic. It is highly inconceivable that the residents of Alder Grove requested an increase of traffic through their neighborhood.

O2-8

The WBSP acknowledges that its new recommended street grid would negatively impact the New Helvetia Historic District. It suggests that it cannot be mitigated because the need for more "connectivity" to the community is needed. However, the proposed residential roads can be redesigned to decrease the impact to the district's site plan, which is a contributing factor for its nominations. We request that the WBSP reconsider its current placement of its new residential streets. Again, we stress the misinterpretation of the resident requests for "connectivity" on the part of the city and its consulting team. Residents seek access to the social determinants that provide pathways for social and economic mobility so that their stay in public housing is transitional and temporary. They are not requesting increased traffic of fossil-fueled vehicles seeking short cuts to navigate traffic congestion at their front door.



**Environmental Impacts**

The Environmental Impact Report Implementation for the WBSP could result in operational emissions associated with the operation of new land uses within the Specific Plan Area. These activities would result in emissions of ROG, NOX, PM10, and PM2.5 that would exceed applicable thresholds established by SMAQMD. Nonetheless, emissions associated with the operation of new uses under the WBSP would exceed SMAQMD’s air pollutant thresholds, and therefore, would violate an existing air quality standard. This impact, states the EIR, would indeed be significant. The EIR further states that when the allowable development under the WBSP is considered together, it is estimated that the total emissions attributable to growth allowed within the Specific Plan Area would exceed the applicable thresholds for ROG, NOX, PM10, and PM2.5 and represents a considerable contribution to cumulative air pollutant emissions within the SVAB. This impact would be significant.

O2-8  
cont.

When ranked with other census tracts across the state, CalEnviroScreen 3.0 data ranks this location is in the 83rd percentile in terms of traffic congestion, a ranking that is considerably high. The WBSP transportation plan decreases the Levels of Service from A to F at the peak p.m. hours and does not mitigate either traffic or pollution increases that result from this plan. Adding to this negative impact, the EIR states that implementation of the WBSP, in combination with other cumulative development in the area, would involve an intensification of development and redevelopment activities within and in the vicinity of the Specific Plan Area, which could contribute to cumulative air quality impacts in the area. As implementation of the WBSP, as a whole, would result in operational emissions that exceed SMAQMD thresholds, development under the WBSP would therefore be cumulatively considerable. Impacts would be significant. As previously stated above, the failure to address environmental concerns simply ignores the requirements of the legislative mandates contained in SB 375, SB 535, AB 1550 and SB 1000.

**Conformity with General Plan**

GOAL LU 2.4 of the 2035 General Plan seeks to create a “City of Distinctive and Memorable Places” by promoting community design that produces a distinctive, high-quality built environment whose forms and character reflect Sacramento’s unique historic, environmental, and architectural context, and create memorable places that enrich community life. Demolition of the New Helvetia public housing site, a nationally recognized historical site simply ignores the city’s general plan.

Policy LU 2.4.1: Unique Sense of Place. States that the City shall promote quality site, architectural and landscape design that incorporates those qualities and characteristics that make Sacramento desirable and memorable. Again, destruction of a nationally registered historical landmark that stand for the “equity” that the city states its commitment to directly and purposively operates against the city’s commitment to its residents.

O2-9

Policy LU 2.4.2: Responsiveness to Context. The policy states that the City shall require building design that respects and responds to the local context. Nothing can be more responsive than to recognize the work that community members have done to successfully obtain recognition for the site on the National Register of Historic Places. Demolition of the New Helvetia historical site purposively flaunts any lack of acknowledgement of the city’s commitment to be responsive to context. This is especially troubling when coupled with the fact that the entire reconstruction or rehabilitation of Alder Grove will most likely have an adverse effect on a nationally recognized historic district whose legacy is tied to the housing and reintegration of the poor and working class families regardless of race. Interestingly, the study notes that two building associated with the non-historic Sacramento Farmers Market located on

3rd and 5th Streets, will be adaptively re-used as a food and market hall and a community center for the Mill Project away from the residents who need the center the most.

O2-9  
cont.

**Inadequate Community Center Proposed for Alder Grove (aka New Helvetia Historic District)**

The increased density proposed in the WBSP highlights the need for supportive functions for increase in low/very low residency. Therefore, an expanded role for a real community center with supportive services is needed for new Helvetia. A 2014 SHRA Residents' Survey identified the most desired services: indoor recreation space, a supermarket, a library, a bookstore, a health center. And at more recent WBSP community meetings, many SHRA residents and neighbors identified a community center to for the whole community.

According to WBSP, Alder Grove development on Broadway would keep its current sized community room -- 6,000 square feet. The current community room is inadequate for the existing 360 Alder Grove units. Yet, the WBSP almost triples the number of existing to 930 units, ignores the increased number of residents' needs by keeping a small community room of 6,000 square feet. HUD requires SHRA to provide community centers and having an active, large center would be an asset to both SHRA residents and the community at large. Partnering with SHRA, Sacramento Public Library, educational entities, and non-profits organizations, a fully functioning center could provide more services to both SHRA residents and the community, such as recreational, meeting rooms, classrooms for after school programs, library services, educational classes, and lecture space.

O2-10

Thank you for the opportunity to comment and we hope the Final WBSP adequately addresses our concerns and any negative impacts to the New Helvetia Historic District.

Sincerely,

Dan Visnich, Vice Chair  
NATHANIEL S. COLLEY, SR. CIVIL RIGHTS COALITION (CCRC)  
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(916) 718-2692

cc:  
City of Sacramento Council Members  
California Preservation Foundation  
Preservation Sacramento

## **O2 Nathaniel S. Colley, Sr. Civil Rights Coalition (CRCC)** **February 19, 2020**

- O2-1 This comment provides introductory text. The comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP.
- O2-2 The comment expresses concern related to the concentration and amount of public housing located only on two parcels. See Response to Comment O1-5.
- O2-3 The comment states that a more detailed housing strategy needs to be included. As discussed on page 3-20 of Chapter 3, “Land Use, Population, and Housing,” of the Draft EIR, Sacramento City Code Chapter 17.712 and Section 17.808.260 establish requirements for the provision of affordable housing across Sacramento. Section 17.712.030 requires all owners of residential projects not exceeding 100 gross acres in size to pay a housing impact fee on all newly constructed market-rate housing units. For projects exceeding 100 gross acres (there are currently no parcels over 100 acres within the Specific Plan area), owners are required to pay the same housing impact fee but also create a mixed-income housing strategy demonstrating the ways in which the project would provide housing for a variety of incomes and family types consistent with the 2013–2021 Housing Element. The owner must obtain approval for the strategy from the city council and from the planning director. Refer to Master Response 3 for further clarification.

Please also refer to Master Response 1 regarding level of detail presented in the Draft EIR related to the potential level of development and growth that may occur under the WBSP.

- O2-4 The comment expresses concern that the WBSP does not guarantee protection for existing public housing residents.

WBSP policy H-2.1 directs future redevelopment at Marina Vista and Alder Grove to: “Provide replacement housing for the existing 751 public housing units serving the residents of Marina Vista and Alder Grove at a one-to-one ratio.” This policy also states that the replacement housing may be located within or outside the Specific Plan area, consistent with the U.S. Department of Housing and Urban Development (HUD) regulations. HUD regulations also stipulate that relocation of public housing units may occur only if another comparable site in a low poverty, low minority concentration area in the city, under the control of SHRA, can be secured to receive the replacement housing units. This adds to the complexity of relocations and the costs of redevelopment. WBSP policies are in accordance with HUD regulations and procedures that protect public housing residents from displacement and support local community efforts to deconcentrate public housing, when possible.

As noted in Master Response 3, the Alder Grove and Marina Vista sites are controlled by the federal government. Any time a public housing property is either demolished or disposed of, HUD requires that projects comply with anti-displacement requirements. If public housing residents must move to accommodate rehabilitation or redevelopment of public housing units, they must be offered temporary or permanent relocation benefits that include comparable replacement housing, moving assistance, and other relocation benefits that protect residents from being harmed or displaced, consistent with 24 CFR 970.21 and as appropriate the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, Section 104(d) of the Housing and Community Development Act of 1974 and one for one

replacement provisions under 24 CFR part 42 subpart C. The comment does not address the adequacy of the EIR analysis. No further response is required within the context of CEQA.

- O2-5 The comment expresses concern related to the possible demolition of the New Helvetia Historic District. Because the WBSP Draft EIR is a programmatic document (see Master Response 1 for more information), the City would evaluate a project's consistency with the WBSP and evaluate whether additional CEQA documentation would be required prior to approval of any redevelopment proposal for Alder Grove. Redevelopment plans could include retention of some buildings, and incorporate historic features, or other strategies to interpret the history of the New Helvetia Historic District and the legacy of Nathaniel Colley. However, based on the proposed circulation plan of the WBSP and since the New Helvetia Historic District occupies the majority of the Alder Grove site, it is unlikely the Alder Grove site can be redeveloped consistent with the WBSP circulation plan (connected street grid) while maintaining the integrity of the historic district, as acknowledged in Impact 4.4-2 of the Draft EIR. Any contemplated redevelopment of Alder Grove and the possible demolition of the New Helvetia Historic District would also need to be approved by HUD and SHRA.

At present, the Alder Grove complex has deteriorated due to the lack of adequate federal funding for public housing programs over nearly two decades. Redevelopment would allow this physically and socially isolated housing complex, with an improved internal system of streets to be better integrated with the surrounding neighborhood and would also modernize existing residences that are older and require constant maintenance and improvement. Additionally, the WBSP includes Policy HR-1.3, which requires future redevelopment of Alder Grove to interpret the history of the New Helvetia Historic District and the legacy of Nathaniel Colley, consistent with the request made in this comment. WBSP Policy HR-1.4 supports the sensitive treatment of historic resources on-site, where possible, and requires a landscape treatment plan for future redevelopment of Alder Grove that will retain as many existing trees as feasible and require comparable replacement of trees to those proposed for removal.

- O2-6 The comment states that Alternative 2 is an "inadequate" alternative and should be amended to consider adding density but keeping a majority of the historic buildings, in order to achieve the WBSP's stated goal of more housing density and connectivity. Contrary to the opinion expressed in this comment, Alternative 2 (Historic Preservation Alternative) meets the requirements of CEQA Guidelines Section 15126.6 in that it would meet most of the basic project objectives and would reduce a significant effect of the project. The Historic Preservation Alternative involves the retention of the existing historic structures, which would reduce the impact to historic resources to less than significant. Furthermore, while it would not achieve the densities evaluated as part of the WBSP, additional density within the Specific Plan Area would be achieved. As such Alternative 2 is considered adequate, contrary to the opinion expressed in this comment.

Furthermore, the alternative suggested by the commenter is considered to be a variation of the proposed WBSP. Several of the goals and policies of the WBSP (see Goal HR-1 and Policies HR-1.1 through HR-1.5 of the specific plan) would encourage the adaptive reuse of existing structures and incorporation of elements of historic themes and placemaking; as requested by this comment. However, as noted above in Response to Comment O2-5, planned circulation improvements inherent to the plan would require the removal of historic structures. As demolition of some historic structures may occur, impacts would be considered significant and unavoidable because of the substantial adverse effect on historic resources, as stated on pages

4.4-17 through 4.4-19 of the Draft EIR. Therefore, consistent with CEQA requirements, the EIR presents a reasonable range of alternatives that will foster informed decision making.

- O2-7 The comment states that the WBSP will route additional traffic through the Specific Plan area Grove. The comment does not address the adequacy of the EIR analysis, and no further response is required within the context of CEQA. As described on page 2-20 of the Draft EIR, future roadways within the Alder Grove area would be two-lane roads for local neighborhood use. Broadway would remain an arterial, 3rd and 5th Street would serve as two-lane collectors, and all other existing or planned future roadways within the Specific Plan area would serve as local, two-lane roads, providing local neighborhood residential and commercial access or access to the Sacramento Marina and Miller Regional Park. The majority of new intersections within the Specific Plan area would be controlled via four-way stops, including potential new local road intersections within Alder Grove and Marina Vista. Three new signals are included as part of the WBSP along Broadway at its intersections with Front Street, I-5 NB Off-Ramps, and the reconfigured Muir Way/8<sup>th</sup> Street. The tighter roadway grid through Alder Grove is provided to enhance neighborhood walkability and improve the integration of the community with the Central City and surrounding neighborhoods. Further, the WBSP's consistency with appropriate land use planning and transportation goals is provided in Chapter 3, "Land Use, Population, and Housing" of the Draft EIR, and it was determined that the project was consistent with SB 375, the Sacramento Region Preferred Blueprint, and the Sacramento Area Council of Governments (SACOG) Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS) related to land use and transportation strategies to reduce GHG emissions.

With respect to the nature and evaluation of GHG emissions, these are pollutants that are global and cumulative in character. Emissions in a particular neighborhood, city, county, even the State, do not result in identified localized effects (unlike toxic air contaminants), but rather contribute to the global amount of these gases and their overall effect on global climate change.

- O2-8 The concern brought up by the comment is that additional streets through Alder Grove will increase auto use and therefore, air pollutants into the community. The comment speculates that cut-through traffic will take place through the area. However, as noted in Response to Comment O2-7 above, most of the streets through Alder Grove would be local neighborhood streets that do not provide access beyond the immediate vicinity of the Specific Plan area and, therefore, would primarily be local serving. The only exception is Muir Way, an already existing collector roadway bordering the east side of Alder Grove. The traffic modeling conducted and presented in the Draft EIR indicates that the majority of traffic headed into the Specific Plan area from Downtown is traffic to the neighborhoods south of the WBSP. The majority of that traffic will access Riverside Boulevard and secondarily, Muir Way.

The more connected street grid would better support local area access within the Specific Plan area as traffic volumes increase on key collector and arterial roadways in the Land Park and Upper Land Park neighborhoods, particularly as the region matures and more development occurs in the area over time. The street grid through Alder Grove would also support and improve bike connectivity for the community, providing safer and more direct routes to the Leataata Floyd and Health Professions High School and access to the bike trails along the Sacramento River into Downtown as an alternative to automobile use. In general, the WBSP promotes connectivity, additional community features, alternative transportation, and overall community health, all of which are considered to be consistent with the legislative mandates identified in this comment.

Further, the WBSP identifies a connected street grid with build-out of the Specific Plan area, anticipating future redevelopment of Alder Grove as a mixed-income community and a new and different configuration of the community. Should this future project not come to fruition and SHRA pursues to use the Rental Assistance Demonstration program to improve and stabilize its public housing (as described in Section 4.4.2 of the WBSP), these roadway connections may not take place and the WBSP may need to be revisited and updated in the future, with appropriate CEQA review.

- O2-9 The comment states that demolition of New Helvetia Historic District ignores goal LU 2.4 and policies LU 2.4.1 and 2.4.2 of the 2035 General Plan. The comment pertains to the merits of the plan in light of City's 2035 General Plan policies and does not address the adequacy of the EIR analysis. As such, no further response is required within the context of CEQA, but this comment will be provided to decision-makers for consideration in project review.

With respect to the potential demolition of the New Helvetia Historic District, see Response to Comment O2-5. The 2035 General Plan Policy HCR 2.1.15 states, "The City shall consider demolition of historic resources as a last resort, to be permitted only if rehabilitation of the resource is not feasible, demolition is necessary to protect the health, safety, and welfare of its residents, or the public benefits outweigh the loss of the historic resource." The WBSP and EIR recognize demolition of the New Helvetia Historic district would have a significant effect on historic resources, if it occurs. The WBSP allows for the potential to consider reuse (either wholly or partially) or demolition and redevelopment of Alder Grove for redevelopment into a mixed-income community, as described in Response to Comment O2-5, to benefit existing residents with modern, energy efficient buildings and amenities.

- O2-10 The comment states that the existing community room for Alder Grove is not large enough and that while the population is proposed to almost triple, it maintains the same sized community room. As such, in the commenter's opinion, the WBSP does not include a proposed community room for Alder Grove that is large enough. This comment on the WBSP is acknowledged. The following information is provided for general information purposes.

The size of the community room at Alder Grove is a project-level detail that would be addressed as part of a future development proposal for Alder Grove, which may be submitted to the City for review at a later date, as addressed in Master Response 1. In addition, the City of Sacramento's level of service for community centers is 1 community center (30,000 square foot max) per 50,000 people, to serve a 2-mile radius or more and several neighborhoods. The city currently operates a community center at Southside Park, which is located within 2 miles of the Specific Plan area. A new neighborhood center is planned within the Specific Plan area at Olympians Park, expected to be operational in 2021. The WBSP also supports the potential for community center functions within Alder Grove and Marina Vista, as well as the eventual conversion of the marina building at Miller Regional Park to house community center programs and services.

The comment does not address the adequacy of the EIR analysis, and no further response is required within the context of CEQA.

1

Letter  
03

**UPPER LAND PARK NEIGHBORS ASSN**  
**LAND PARK COMMUNITY ASSN**  
**COMMENTS**  
 on the  
**CITY OF SACRAMENTO'S**  
**WEST BROADWAY DRAFT SPECIFIC PLAN**  
**and DRAFT ENVIRONMENTAL DOCUMENT (EIR)**  
 (February 18, 2020 final)

**HOUSING, LAND USE AND ZONING**

In 2015, Land Park Community Association, Upper Land Park Neighbors, Greater Broadway Partnership participated in the development of a Choice Neighborhoods Initiative (CNI) Transformation Plan for the redevelopment of SHRA's Marina Vista and Alder Grove public housing (72 acres). This CNI Transformation Plan is referenced in the WBSP and some elements are specifically incorporated into this WBSP, while many others are not. For example, there is less density proposed in Marina Vista near existing single family homes, which is appreciated. Also, many of the issues in the WBSP merely identify "goals" and not specific direction for SHRA's parcels, which are approximately 76 acres total. The WBSP should include the specific recommendations on land use and densities identified in the CNI Transformation Plan. The WBSP must provide clearer policy direction for SHRA's future development because its two parcel would have 34% of the total residential housing units in the whole WBSP area. Out of 4,900 total units, SHRA would be able to build up to 1,610 on its two parcels).

03-1

**WBSP ISSUE: Concentrates more affordable housing to SHRA's existing 751 public housing units at Marina Vista (along 5th St& Vallejo) and Alder Grove (Broadway & Muir Way) -- doubling and tripling number of units on these two large sites.**

Upper Land Park currently has approximately 50% of the total City public housing units and the WBSP greatly expands the amount of local affordable housing in the WBSP area. We are not opposed to public housing and do not seek to eliminate it within the planning area boundaries. Presently the Alder Grove and Marina Vista areas contain 360 and 391 units respectively. A third public housing area in Upper Land Park, Land Park Woods, has 75 units so there are now 826 public housing units in Upper Land Park. With the proposed increases to 930 and 680 units, for Alder Grove and Marina Vista, the total count will be 1,610 units, a 104 percent increase. We believe it is unreasonable to increase the public and affordable housing stock by such a large amount. Much of the recent national dialogue on housing is moving in the opposite direction, seeking to disperse, not centralize, public and affordable housing on large parcels.

03-2

ULPN & LPCA Comments



There is an equity issue at play in the WBSP relating to increasing public and affordable housing. For example, compare the Rail Yards Specific Plan with the WBSP. The approved Rail Yards Mixed-Income Housing Strategy states that if 10,000 residential units are ultimately built, 600, or 6 percent, must be affordable (not necessarily public, but affordable). If 6,000 total residential units are built 500 units must be affordable, or 8.3 percent. In the proposed WBSP it is proposed there will be 1,685 public housing units out of 4,900 total units, or 34 percent on two parcels. Equity requires reducing the share of public and affordable units in Upper Land Park and increasing the share of affordable housing in other parts of the City, including the Rail Yards area.

In addition, the WBSP states a goal that affordable will be encouraged in other areas of the WBSP areas, but allows private developers to pay an "in lieu" housing fee to not build affordable housing units with their projects. The WBSP identifies only the Sacramento Housing and Redevelopment Agency (SHRA) properties with public and affordable housing.

**Recommendations:**

1. Include more details for SHRA's two large parcels. The WBSP should include a more detailed housing strategy and identify the percentage of public, affordable and market-rate housing. In addition, the housing strategy should identify average median incomes (AMI); product types (rental and ownership) and document how SHRA parcels will result in a true mixed use development. Documentation of a range of housing opportunities and economic, racial, and demographic integration is critical. This was required of private developers in the Railyards and should be required for SHRA to ensure future development on SHRA parcels results in a true mixed-use community -- and not merely increase and concentrate low income housing on SHRA's two parcels.

2. Add Plan language that requires SHRA to evaluate city-owned sites outside of the Plan area for relocation of some existing public housing. Consider selling either the Alder Grove or Marina Vista parcels (or portions), require the SHRA land to support a mix of market rate housing types and using the proceeds to purchase and develop a suitable tract elsewhere in Sacramento that will relocate some of the public housing in the West Broadway area. The current WBSP ignores community input from the July 31, 2019 public meeting which requested limiting (not eliminating!) public housing in Upper Land Park. We agreed existing SHRA residents must be protected. However, a residents' survey indicated that 34% of existing residents would consider relocation. Also, SHRA agreed to look at other sites in and outside of the Plan's area in the Choice Neighborhoods Initiative (CNI) Transformation Plan, which also identified 14 sites for potential affordable housing developments. The WBSP says this "may happen" it does not require it and Environmental Impact Report (EIR) states affordable units will be placed on SHRA properties. Other major cities have reduced the concentration of public housing and affordable units to other locations. Seattle moved 100 units out of

O3-2  
cont.

ULPN & LPCA Comments

one housing development so that it had a more balanced mix of housing and economic diversity.

O3-2  
cont.

**WBSP ISSUE: Housing Types and Mix Need to be identified in the Plan and the zoning.**

The WBSP needs to develop more clarity about the mix of housing types on public housing land. This is similar to item 1, above, but about residential zoning, not commercial zoning. The proposed densities for Alder Grove and Marina Vista are 36 and 30 units per net acre, respectively. We agree and understand that generally urban residential density will be increased. However, in the situation where multi-unit will be directly adjacent to existing single-family residential development there should be a transition zone of intermediate density housing. This would support the City Housing Goal H-1.3.5, housing type distribution. This concept was also agreed to by SHRA in the Choice Neighborhoods Initiative Transformation Plan.

O3-3

**Recommendation:** Add language to Specific Plan that requires specific housing types that are similar in size, character to existing single family homes along McClatchy Way, Merkeley and San Luis Court and lower densities that are compatible with single family.

**WBSP ISSUE: C-2 Zoning adjacent to Existing Single Family homes**

On the proposed zoning map (figure 4-4: Zoning December 2019 EIR) we are concerned about the C-2 zoning in the southeast section of the specific planning area. We note that this “edge” of the planning area directly abuts a single-family residential area. The C-2 zone is along 5<sup>th</sup> Street, but ends next to Merkeley and McClatchy Ways. We believe that there needs to be a smoother transition to this edge adjacent to the single-family residences. Under the proposed C-2 zoning the density range is 33 to 110 units per acre.

O3-4

**Recommendation:** Change C-2 zoning to R-3A or less on parcels that front Merkeley Way. The edge near the above streets should be limited to housing stock that is more compatible with the existing adjacent residential neighborhood. Duplexes and small lot single family homes, with residential densities less than 30 net units per acre would be appropriate. Similarly, any surrounding commercial development in this proposed zone should be limited in height to no more than 35 feet.

**WBSP ISSUE: Plan is unclear about housing types on Alder Grove Parcel, which increases units from 360 up to 930.** To obtain the number of units, what building types will be needed, i.e. 6 story multi-unit buildings? What percentage of buildings would be large multi-unit buildings vs. smaller residential units. (The CNI Transformation Plan included owner-occupied single family homes and condos.

O3-5

ULPN & LPCA Comments

Recommendations: Add more detail to the WBSP and identify building types, percentage on SHRA two parcels. This level of detail should be specified in the plan and zoning changes..

O3-5  
cont.

### **TRAFFIC CIRCULATION, MOBILITY & TRAFFIC SAFETY**

The WBSP doesn't identify basic traffic analysis data and information from which the public can understand the impacts to the larger Land Park residential areas and its key commercial corridors. We have asked for data to better understand the following and would like the following information made available in the WBSP or its appendices. When reviewing Section 4.12 Transportation and Circulation we have the following comments.

**WBSP ISSUE: WBSP inputs and assumptions have not been disclosed. It is not possible to evaluate the traffic model results without full disclosure of the following inputs and assumptions:**

- Detailed land use quantities and trip generation rates, especially within the WBSP Area but also along Broadway and elsewhere within the Study Area
- Exact locations of various projects included in the “Cumulative” alternatives, especially the proposed Broadway Bridge
- Detailed trip tables showing distribution of trips between zones, especially for zones within the WBSP Area
- Mode share allocations for all four modes: vehicle, transit, pedestrian, and bicycle – both inputs and results after trip generation and assignment
- Travel counts for non-auto modes: transit, pedestrian, bicycle.

O3-6

**Recommendation:** provide above data to the public in final WBSP appendices

**Recommendation:** The analysis should be focused on the “No Build” and “Build” alternatives – that is, the third and fourth of the “Analysis Scenarios” described on page 4.12-1 of the document that area built on cumulative conditions. It is not useful to analyze the impact of the WBSP on existing conditions (the second alternative listed on page 4.12-1), as that scenario cannot exist in the future.

**Recommendation:** The analysis should present volume to capacity ratios (V/C) as well the various Level of Service (LOS) outcomes. This omission makes it difficult to truly evaluate the impacts of the WBSP.

**Recommendation:** Provide more detail for the public to understand and evaluate the “difference method” forecast. The WBSP seems to imply that model-generated baseline volumes are not consistent with actual counts. Were the adjustments made on a link-by-link basis, on a trip generation basis, or other basis? How did changes in mode share factor into these adjustments?

ULPN & LPCA Comments

**Recommendation:** The sentence in the first paragraph of this section that includes “This cumulative impact analysis does **not** rely on a list...” [emphasis added] does not make sense, since there is extensive discussion elsewhere of projects that are reflected in the future year analysis, as well as the fact that the SACMET traffic model will include future projects as well. Also see the following two paragraphs on page 41.

03-6  
cont.

**Recommendation:** As recommended by Caltrans, we believe the WBSP's study area should be increased to, at a minimum, Freeport Blvd on the east, Sutterville Road on the south, and R Street on the north. The designated Study Area (Impact Analysis Area) is too limited to permit analysis and evaluation of the WBSP's impacts on surrounding areas, including Upper Land Park, Land Park, and the Downtown Core.

**WBSP ISSUE: Specific traffic concerns in Section 4.12**

First, the WBSP area does not currently meet standards for a Transit Priority Area (TPA), and second, an increase in service in the future necessary for it to qualify as a TPA is not currently funded, and is not feasible within current funding programs and sources.

03-7

**Recommendation:** Redo the analyses to reflect realistic mitigation for public transit ridership

How were trips using the proposed Broadway Bridge over the Sacramento River calculated, and where are the results showing what proportion of cumulative trips are accounted for by the Bridge project?

03-8

**Recommendation:** provide information in Final EIR.

In Table 4.12-7, we note that while total vehicle trips over baseline are expected to increase by exactly 3.00 times (300%), internal trips are forecast to increase by 12.3 times (1,230%). This is very hard to understand, given the relatively small size of the study area and the desire by the city to promote non-auto mobility.

03-9

**Recommendation:** Provide an explanation in Final EIR.

Is there a table analogous to 4.12-7 that compares trips for the Cumulative-Plus-Project scenario? We cannot locate such a table.

03-10

**Recommendation:** Provide table for Cumulative-Plus-Project.

**WBSP ISSUES: New 8th St connector street and recommended auto routes through Upper Land Park and Land Park proper.**

- **Realigns Muir Way to Broadway at 8th Street, creating a new "collector" street to reduce backup traffic created by West Sacramento Bridge.**
- **Recommends primary north-south collector roadways as major auto routes - 5th Street, Muir Way and Riverside Blvd.**
- **Suggests "signage" indicating 5th, Muir and Riverside are major roadways.**

03-11

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Because of the increased traffic from more dense development, the new West Sacramento bridge connecting at Broadway's west end, and the reduction in traffic lanes on Broadway ("Complete Streets" Project), most intersections on West Broadway go to "Level of Service" LOS F, resulting in three or more traffic light changes for clearing an intersection. The WBSP ignores the community's input at the July 31, 2019 WBSP Community Workshop. Residents' stated they wanted the WBSP to create.....connectivity **to** the Central City, Miller Regional Park and West Sacramento. (#1, page 10); minimize traffic impacts from new development, ***including cut-through traffic*** (#2, page 10); and 3) **reduce traffic impacts** to neighborhoods (page 1) (Workshop Summary).

Instead, the WBSP reduces traffic on Broadway by re-routing it through our residential neighborhood and creating the first LOS F intersection in the greater Land Park residential area. Realigning Muir Way through Alder Grove to connect at 8th Street, would reduce traffic delays at 8th St (creates a LOS E), even though Broadway intersections are allowed to be at a LOS F. The Muir Way realignment will expedite vehicular traffic from Broadway by establishing a new collector roadway as a major auto route. West Sacramento Bridge traffic and traffic from increased density will be directed onto residential streets in Upper Land Park and Land Park. In fact, the WBSP proposes "signs" to direct traffic south on 5th (from Broadway to Vallejo), Muir Way (Broadway & 8th Street to Vallejo Way) and Riverside (from Broadway) onto our residential areas. Instead of directing increased traffic out of residential areas, the Plan does the exact opposite and creates a LOS F at Vallejo Way and Riverside Blvd and other residential street intersections go to LOS D. Funneling traffic onto Vallejo Way is dangerous because it doesn't physically meet the City's width requirements for a collector street. (At Riverside its width is approximately 23 feet and meets the City definition of a neighborhood street.)

O3-11  
cont.

**Recommendations:**

1. Include language in WBSP that encourages West Broadway Bridge traffic to be dispersed onto X Street to reduce traffic delays on Broadway.
2. Do not realign Muir Way to 8th Street. Instead direct Broadway traffic north at 8th Street and onto X Street. W and X Streets were built to handle higher traffic volumes.
3. Reduce housing density levels to help reduce traffic impacts in Upper Land Park and Land Park. (Alternative 3 of the Draft EIR states that reduction in housing would reduce traffic.)

**WBSP ISSUE: The lack of mitigation for the impact to intersection of Vallejo and Riverside.** The increase in traffic throughout each day will increase intersection conflicts and therefore crash risk; and, increased congestion will encourage some drivers to cut through residential streets to reach alternative routes (e.g. Land Park Drive).

O3-12

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**Recommendation:** Consider traffic movement restrictions (time of day), or, innovative treatments, including Mini-Roundabout intersections.

O3-12  
cont.

**WBSP ISSUE: Creates major delays at intersections throughout Specific Plan area that are significant, but unavoidable according to the Plan's Environmental Impact Report (EIR).**

According to the WBSP traffic analyses, the worst impact in traffic delays occurs at Vallejo Way and Riverside Blvd, which would go to a LOS F during AM peak commute times: 105 sec delay (AM) and 107 sec delay (PM). (Footnote, Table 4.12-12 AM and PM peak intersection operation, p 4.12-47)

O3-13

Most other intersection operations vary by location and peak hour. All would operate at LOS D or better in AM peak. The highest delays would occur in PM peak commute times at Broadway/Front (LOS E) 73 sec delay; Broadway/8th (LOS E) 63 sec delay; Vallejo/Riverside (LOS D) 40 sec delay; and X Street/3rd St (LOS F) (MM 4.12-2, EIR)

**WBSP ISSUE: The draft EIR (including Appendix G) does not contain any documentation of, or direct reference to technical studies performed to evaluate the affect of the WBSP (project) on traffic crash frequency, severity and rates.** Appendix B of the December 2018 CEQA update package on "Transportation Impacts" provides general information & guidance on safety impact analysis & mitigation. Also, Caltrans has commented on the need to perform safety analysis focused on changes to the configuration, traffic conditions, and traffic control strategy employed at intersections. Analytical tools can predict changes in crash-type, frequency, severity and rates based on the direct and well-established relationship among traffic volumes, operating conditions (speed, speed differential, and queuing), and crashes.

**Recommendation:** A safety performance analysis must be conducted at all affected and new intersections at which an arterial, urban collector, traffic signal, or through operating speeds (on one intersecting street) are above 35 MPH.

O3-14

<> Under the principle & goals of any Vision Zero program, any predicted or estimated increase in serious injury & fatal crashes (regardless of travel mode) would be a significant impact

<> numerous intersection safety strategies can be proposed & evaluated to determine which would mitigate the conditions responsible for increase in risk and crash potential.

**Recommendation:** A Traffic safety performance analysis (and other studies) must be performed for intersections at which the city has decided to install a traffic signal. The California MUTCD recommends use of the Intersection Control Evaluation framework to predict and compare the safety, mobility, economic, air quality, sustainability, energy, annual operational & maintenance costs, and queuing generated by alternatives in order to INFORM decision-making (and "makers") and the public.

**Recommendation:** Develop roundabout alternative and compare versus traffic signal, and present findings for public review & comment

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**WBSP ISSUE: An increase in Left-Turn and Crossing conflicts can increase the number of severe crashes on Broadway over the life or design period.**

**Recommendations:**

Direct West Broadway Bridge traffic onto X Street as soon as possible. This could be done by eliminating the I-5 to Highway 99 off ramp to 3th Street to build connector which allows bridge traffic to use X Street and reduce traffic on Broadway. (Caltrans is benefitting from the bridge by removing traffic from Highway 50 freeway .)

Perform and document impacts in consideration of the City’s Vision Zero goal, and State’s Strategic Highway Safety Plan goal. Certain intersections (Riverside at Broadway and at X Street) already have severe crash history. The increase in traffic will produce an increase in severe crashes unless mitigation is included. .

03-15

**WBSP ISSUE: Creates serious delays on US 50 East Bound off ramp at X Street and 5th Street.** Currently queues are 1,475 feet; increases queues to 2,675 feet during peak periods. (Off ramp queues, p. 4.12.-48 & 49, EIR). This creates dangerous conditions for traffic traveling on I-5 and going onto W/X Freeway to Highway 50 or 99.

**Recommendation:** Reduce density to mitigate traffic coming onto Broadway (Alternative 3) .

03-16

**NEIGHBORHOODS & SERVICES**

**WBSP ISSUE: Community Centers**

**We believe the WBSP provides inadequate community center space at the two major public housing at Alder Grove and Marina Vista.** Currently, for 751 units between the two areas, there is 12,000 square feet of community center space. The unit count for public housing in the WBSP more than doubles, yet the community center space only increases 50 percent, to 18,000 square feet. Plus, the original space allocation of 12,000 square feet for community center space is too small. One of the public inputs from the July 31, 2019 public meeting was to enhance the community center, not scale it back on a relative basis.

**Recommendation:** Re-evaluate and increase the community center space on SHRA properties. A much larger multi-function community center should be developed, one that serves both SHRA public housing residents and the greater Land Park community. With up to 930 units at Alder Grove, a much larger community space area is needed. A space needs study should be conducted to properly size and build this community :

03-17

**PARKS AND OPEN SPACE**

**WBSP ISSUE: The WBSP proposed park acreage and locations are inadequate for proposed density.**

03-18

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The WBSP admits that it doesn't meet the City's park acreage requirements. It lacks 7.2 acres based upon the expected number of people who will reside in the area. This ignores the community input at the July 31, 2019 meeting, which requested parks *within walking distance of residential units*. The WBSP increases existing residential units from the current 1,113 to 4,900. That's an enormous 340 percent increase. Yet, the proposed local serving public park increases are minuscule, not at all in keeping with the residential unit increases. For example, Alder Grove, proposed to grow from 360 units to 930 units, only adds 3 acres of public park space. Similarly, Marina Vista, increasing from 391 to 680 units adds only 2.5 park acres. There is some vague Specific Plan language about improving Miller Regional Park, but the Plan does not assure this will be done and as a regional park it does not satisfy the need for close-in local serving parks. In lieu park fees used for park amenities or park acres in other areas of the city is inadequate for the population being proposed in the WBSP area. This will put more strain on Southside Park and William Land Park.

O3-18  
cont.

**Recommendation:** The WBSP must add more park acres by creating locally serving public parks in the WBSP area. Any in lieu park fees obtained within the WBSP area should be used in the West Broadway Specific Plan Area.

### **HISTORIC AND CULTURAL RESOURCES**

**WBSP ISSUE: Proposes total demolition of the New Helvetia Historic District (aka Alder Grove) and ignores community input at 7/31/2019 Workshop which said to "Preserve the historic portions of Alder Grove" (page 13, Workshop Summary).**

WBSP doesn't adequately articulate the historic importance of the historic brick buildings and district located at Broadway and Muir Way, across from the historic Old City Cemetery. New Helvetia is the site of the first fight against segregation in Sacramento. The WBSP states that SHRA must follow state and federal rules, but then the WBSP states all buildings will be demolished, which does not meet the Secretary of Interior's Preservation Standards. New Helvetia Historic District (most of Alder Grove) is a national and state approved historic district meeting three criteria:

O3-19

The WBSP references an SHRA "Historic Preservation Strategy Review" report, but doesn't include details about the report in the WBSP. That report states that half of buildings should be retained to preserve an historical district. This should be stated in the WBSP to encourage SHRA to retain the historic buildings and also add housing density by removing some historic buildings and adding more housing in open space and parking lots. Instead, the WBSP recommends demolition of all historic buildings in New Helvetia Historic District. And that possible mitigation for demolition, the WBSP suggests placing "monument" signs throughout the development that discusses Nathaniel Colley's history at this site. (This is same recommendation in the CNI Transformation Plan recommendation, which was rejected at the July 31, 2019 Community Workshop.) The WBSP recommendation to destroy New Helvetia Historic

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District with proposed mitigation of monument signs would not meet the Secretary of Interior's Historic Standards. Keep a portion of the historic brick buildings to create more diverse housing types within the area and adjacent to Historic City Cemetery.

**Recommendations:**

1. Add language to the WBSP that recognizes the importance of New Helvetia.
2. Describe the recommendations from the SHRA's Historic Preservation Strategy Review which was to retain a large portion of the historic buildings with upgrades, i.e. 60% of buildings, and add new housing stock.
4. The Specific Plan should state that redevelopment of Alder Grove (aka New Helvetia Historic District) can be achieved -- adding more new housing - and at the same time preserve a large number of the existing historic brick buildings. Preserving a part of the New Helvetia Historic District would create a unique, high density development across from the historic City Cemetery..

O3-19  
cont.

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<sup>i</sup> New Helvetia Historic District meets three criteria for Secretary of Interior's approval: 1) Important person: Nathaniel Colley , Sr. the first black attorney in Sacramento who received national recognition for promoting fair housing; 2) Important event: site of first challenge to segregation in Sacramento brought about by Nathaniel Colley; and 3) Important Architecture: only development in which Sacramento's top four architects worked together. Only 3% of the nation's approved historic entities meet three criteria. only 5% of the City's 77 nominated listings meet all three criteria.

Revised 2/18/2020 final

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### **O3** Upper Land Park Neighbors Association and Land Park Community Association February 18, 2020

- O3-1 The comment suggests that the WBSP include the specific recommendations on land use and densities identified in the Transformation Plan and provide clearer direction for SHRA's future development since these two parcels comprise 34 percent of the total residential areas in the Specific Plan area.

The Transformation Plan was a document that was prepared by SHRA for the purpose of applying for a grant from HUD for funding to redevelop Alder Grove and Marina Vista. It was considered as part of the WBSP planning process because it was based on robust community outreach and provided some insight into SHRA's vision for the redevelopment of the sites. The WBSP generally references the land use and development assumptions from the Transformation Plan, but does not provide project-level details because the WBSP is not a development project. Instead, the WBSP is essentially a regulatory document that bridges the gap between the Sacramento General Plan and the Planning and Development Code (a.k.a. zoning code). The WBSP provides broad concepts, policies, development standards and design guidelines for this area and sets an upper limit for development potential in the area for the purposes of environmental analysis, based on General Plan guidance and vision for the area. Future project level plans for Alder Grove and Marina Vista will need to be prepared, and submitted to the City for review., Moreover and as noted in Master Response 3, the Alder Grove and Marina Vista properties are owned by the federal government and any future redevelopment plans for the area must first be approved by HUD.

The comment does not address the adequacy of the EIR analysis, and no further response is required within the context of CEQA.

- O3-2 The comment requests additional details for SHRA's two large parcels and a more detailed housing strategy. See Response to Comments O1-5 and O2-3. These comments will be included in the record when the project is considered by the Sacramento Planning Commission and City Council.
- O3-3 The comment requests additional detail about the mix of housing types on the public housing lands and in particular, a transition zone of intermediate density housing adjacent to existing single family homes along McClatchy Way.

With respect to the plan, the WBSP employs the city's current zoning regulations and designations, which do not specify the type of housing units, but allow for the development of various housing unit types within certain limits, to be proposed at the time of project submittal. The maximum building height for homes adjacent to McClatchy Way is 35 feet, similar to the existing single family zones in the neighborhood. Section 9.6.D. in the design guidelines of the WBSP addresses neighborhood compatibility and includes a design principle that states: "New development should consider the character of the surrounding neighborhoods and provide appropriate transitions to existing single-family homes." Design Guideline 2 of this section calls for appropriate setbacks and transitional heights adjacent for multi-story structures adjacent to low-density single-family homes. The EIR's evaluation of the number of units is based on a reasonable projection of allowable densities and not a "proposed" level of development. With respect to the City's ability to prescribe a more detailed housing strategy for HUD properties, the City is not responsible for, nor would it have the authority, to review/require the manner in which

development may or may not occur within these parcels. SHRA, with permission from HUD, may redevelop the existing parcels at a later date. The WBSP includes land use and zoning designations for Alder Grove and Marina Vista, for the purposes of providing a comprehensive evaluation of potential development within the city and Specific Plan area limits.

The comment does not address the adequacy of the EIR analysis, and no further response is required within the context of CEQA.

- O3-4 The comment requests that the WBSP be amended to reflect a “smoother transition” by changing the proposed C-2 zoning along 5<sup>th</sup> Street, as it borders existing single-family development to the south.

The proposed designations for uses within the Specific Plan area and adjacent to the existing single-family homes are not inconsistent with the existing development in the area. For example, the C-2 zone is governed by floor area ratios of 1.5-4.0 and a maximum building height of 65 feet and has a requirement to provide transitional heights adjacent to the R-1, R-1B, and R-2 zones of 45 feet within 0-39 feet of these existing single-unit dwelling zones and 55 feet within 40-79 feet of these zones. The C-2 zone also does not preclude the development of single-unit and multi-unit dwellings.

The comment does not address the adequacy of the EIR analysis, and no further response is required within the context of CEQA.

- O3-5 The comment requests additional information regarding the housing types envisioned for Alder Grove. With respect to the WBSP and as noted in Response to Comment O3-1, the WBSP sets an upper limit for the development potential within Alder Grove. Currently, the WBSP serves as a guide for future development; the determination of the type and mix of housing will be determined when future project-level plans are developed for Alder Grove and Marina Vista, as addressed in Master Response 1. The comment does not address the adequacy of the EIR analysis, and no further response is required within the context of CEQA.

- O3-6 The comment requests additional detail regarding the inputs and assumptions used for the traffic modeling provided in Section 4.12, “Transportation and Circulation.” A detailed discussion of the modeling assumptions and approach for the evaluation of existing plus WBSP conditions is provided in the Draft EIR, beginning on page 4.12-25 through page 4.12-29. The Draft EIR did not isolate trips between individual zones of the WBSP but rather took a holistic view of the potential trip generation and transportation impacts of potential development within the Specific Plan area.

As noted on page 4.12-49, the evaluation of cumulative transportation impacts does not rely on any list of specific pending, reasonably foreseeable development proposals; rather it uses the SACOG MTP/SCS regional travel demand model, which takes a more holistic view of areawide traffic conditions while taking into consideration major transportation improvements and local/regional growth projections. Contrary to the opinion expressed in this comment, the plan/projections method is considered acceptable and legally adequate methods of evaluating cumulative impacts (refer to CEQA Guidelines Section 15130(b) for further information). With respect to the evaluation of cumulative impacts in other sections, the approach to cumulative impact analysis differs by issue area, and each section (4.1 through 4.13) provides the clarification as to how cumulative impacts were evaluated as part of the introduction to the cumulative impact analysis of each section. The approach focuses on relevant factors

associated with whether other development in the area and region would, in combination with the WBSP, result in any cumulatively considerable impacts.

The requested mode share allocations and travel counts for non-auto modes are noted but not considered necessary in order to evaluate the potential impacts of the proposed WBSP, consistent with Appendix G of the CEQA Guidelines and City practice. Refer to Master Response 4 for further clarification.

The questions and recommendations provided in this comment do not identify deficiencies in the EIR's analysis but request additional detail that is not necessary and would be considered speculative at this stage. The request for increasing the study area is noted, but no substantial evidence is provided that would identify why expanding the study area is necessary. Based on the analysis conducted and provided in Section 4.12, "Transportation and Circulation," the selected study area is considered appropriate for the purposes of identifying the potential physical environmental impacts of the WBSP, and was developed based on the anticipated origin/destination of trips to/from the Specific Plan area with implementation of the WBSP. During the peak hour, trips to and from Downtown are anticipated to be the majority of trips associated with WBSP implementation. The comment offers no substantial evidence to support its recommendations for additional areas of study, including several facilities that are ~1 mile from the Specific Plan area.

With respect to the scenarios evaluated in the Draft EIR, the Draft EIR evaluated the project based on against existing/baseline conditions, as well as cumulative conditions. The existing plus WBSP condition evaluated in the Draft EIR informs the reader as to the project-specific impact of plan implementation on local conditions, including the transportation system. Consistent with Section 15125 of the CEQA Guidelines, use of a future baseline condition may only be used where substantial evidence exists that would render an existing conditions analysis either misleading or without informative value. Consistent with this requirement, the City considered whether an existing plus WBSP condition would be misleading or without informative value and determined that an existing plus WBSP condition would inform the degree to which development within the Specific Plan area should provide fair share contributions or WBSP-specific mitigation. Therefore, an analysis of existing plus project conditions is considered appropriate and necessary.

Regarding the level of detail provided in the Draft EIR, please also refer to Master Response 1.

Regarding level of service and other congestion-related issues, see Response to Comment O1-2 and Master Response 4.

- O3-7 The comment expresses concern that the Specific Plan area is not currently a Transit Priority Area (TPA)<sup>1</sup> and that it should not be assumed as a future condition. However, within the SACOG MTP/SCS, a fiscally constrained list of projects prepared by SACOG, the Specific Plan area is designated as a future TPA. Reliance on its projections and modeling assumptions is considered acceptable and a reasonable assumption for future conditions associated with plan implementation as this designation is reasonably foreseeable and included as part of the regional planning efforts for the area, contrary to the opinion expressed in this comment. The MTP/SCS can be relied upon as its modeling and assumptions are based on local planning

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<sup>1</sup> Per Public Resources Code Section 21099, a TPA is an area within one-half mile of an existing or planned major transit stop (i.e., the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods.)

efforts, including the City's 2035 General Plan, when assessing future conditions with and without the WBSP.

- O3-8 The comment requests clarification as to how use of the planned Broadway Bridge was reflected in the modeling provided in the Draft EIR. Travel demand forecasts for all study roadway facilities were forecasted using the SACOG MTP/SCS regional travel demand model. The Broadway Bridge is a reasonably foreseeable project that is included in the regional MTP/SCS as well as the City's 2035 General Plan. The forecasts developed for the WBSP are consistent with these plans, and the model included a bridge with two vehicle lanes connecting Broadway to 15th Street in West Sacramento. Because this EIR is intended to address the WBSP, it is reasonable to utilize other data sources, including modeling, to address cumulative impacts such as the Broadway Bridge.

Modeling showing the "proportion of cumulative trips accounted for by the Bridge project" as requested by the commenter may not be found in this document, as both the Cumulative No Project and Cumulative Plus Project scenarios include the planned Broadway Bridge because it is not a component of the WBSP, but rather a planned project included in the MTP/SCS and 2035 General Plan; however, information on the distribution of trips projected to use the planned Broadway Bridge may be found in the Broadway Bridge Feasibility Study (City of West Sacramento 2015), which is available at:

[https://blob.cityofwestsacramento.org/city/depts/pw/major\\_projects/bbfs.asp](https://blob.cityofwestsacramento.org/city/depts/pw/major_projects/bbfs.asp).

- O3-9 The commenter correctly states that the rate of growth in "external" vehicle trips (i.e., trips generated within the Specific Plan area that leave the area) is far lower than the rate of growth of "internal" vehicle trips (i.e., trips generated within the Specific Plan area that remain within the Specific Plan area). The commenter goes on to state that this is difficult to understand given the City's desire "to promote non-auto mobility." The Specific Plan area currently includes much lower levels of development and a less than ideal mix of land uses to promote interaction between nearby uses within the area. With build-out of the WBSP, the density of development would increase and there would be a mix of a variety of different land use types that would allow residents and employees of the area to make a greater number of shorter trips that remain within the area. For this reason, the growth rate of internal trip-making is much higher than the growth rate of external trip-making.

- O3-10 The commenter asks if there is a separate table showing Specific-Plan-area-generated vehicle trips under Cumulative Conditions. Table 4.12-7 displays the estimated number of vehicle trips that would be generated by the WBSP, and a second "cumulative" version of this table is not included nor is it considered necessary to be included as part of the EIR or modeling appendix (Appendix G of the Draft EIR), as the trips generated through WBSP implementation would be the same under both the existing plus WBSP and cumulative conditions.

- O3-11 The commenter provides recommendations for changes to the WBSP circulation plan, including supporting use of X Street by Broadway Bridge traffic, not realigning Muir Way to 8th Street, and reducing housing density within the Specific Plan area. See Response O1-2 concerning LOS. Community input was considered as part of WBSP plan development, contrary to the commenter's assertion. City staff considered public input, in addition to agency input and existing plans that address the Specific Plan Area (e.g., Broadway Complete Streets, the City's General Plan, and SACOG MTP/SCS).

The commenter's preference for Alternative 3 versus the proposed WBSP is acknowledged. As noted on page 6-17 of the Draft EIR, Alternative 3 would lessen impacts due to the overall lesser level of development, however it would not achieve the project objectives to the extent of the WBSP. This comment is part of the administrative record that will be considered in project hearings.

- O3-12 The comment requests consideration of mitigation to restrict vehicle movements, including mini-roundabouts. As noted in Impact 4.12-2, impacts to the intersection of Vallejo Way and Riverside Boulevard (Intersection 18) would not be significant per established City standards, and as such, provision of mitigation is neither required nor warranted. With respect to cumulative impacts and as noted on page 4.12-51 of the Draft EIR, the City evaluated potential mitigation measures and/or improvements that could be implemented to reduce the contribution of the WBSP to cumulative conditions, however, no feasible mitigation is available, largely due to the physical constraints associated with the intersection. See Response O1-2 concerning the need for LOS analysis as part of the EIR.
- O3-13 The comment states that the WBSP would create major delays throughout the Specific Plan area. Contrary to the opinion stated in this comment, implementation of the WBSP (as shown in Impact 4.2-2) would not result in degradation of intersection level of service (LOS) to the point that established City standards would be exceeded. The comment is incorrectly attributing all future traffic delay, as identified in Impact 4.12-9, to the WBSP. See also Response O1-2 concerning LOS.
- O3-14 The comment requests a safety performance analysis to be conducted, citing to an Appendix B of a December 2018 CEQA update package. However, the actual title of the CEQA update package or a link to where the document suggested by the commenter could be located was not provided. Further, the comment appears to attempt to link safety performance and level of service. Per the December 2018 Technical Advisory on Evaluating Transportation Impacts in CEQA (OPR 2018), which is available at [http://opr.ca.gov/docs/20190122-743\\_Technical\\_Advisory.pdf](http://opr.ca.gov/docs/20190122-743_Technical_Advisory.pdf), safety should not be used as a proxy for road capacity (see page 26 of the technical advisory). Local streets and intersections would continue to be monitored by the City as part of its ongoing evaluation of City infrastructure, and as necessary, improvements would be made. However, preparation and provision of a safety performance analysis is considered neither necessary nor warranted at this time. The Draft EIR does evaluate potential safety impacts related to geometric design of facilities, consistent with Appendix G of the CEQA Guidelines and City of Sacramento standards.
- O3-15 The comment recommends that Broadway Bridge traffic be routed to X Street and requests that the City "perform and document impacts" in consideration of the City's Vision Zero goal and State's Strategic Highway Safety Plan goal. The comment pertains to the Broadway Bridge and not to the WBSP, as currently proposed and evaluated in the Draft EIR. Further, no substantial evidence is provided that would necessitate the routing of traffic to X Street to mitigate a significant, physical environmental impact, nor is the comment's suggestion that increased traffic will produce an increase in "severe crashes" supported by substantial evidence provided in this comment. All transportation facilities within and adjacent to the WBSP will be designed and implemented in accordance with City and/or California Department of Transportation (Caltrans) (within Caltrans rights-of-way) design standards.
- O3-16 The comment requests that the allowable densities of the WBSP be reduced to reduce traffic volumes. The analysis referred to in this comment pertains to the cumulative conditions analysis and not the project-specific impacts of the WBSP. The potential for extended queuing is



identified in the Draft EIR, as well as the need for future development under the WBSP to contribute to the I-5 Freeway Subregional Corridor Mitigation Program. Please also refer to Master Response 4. The comment does not identify a deficiency in the Draft EIR's analysis but expresses a preference for a lower density project to reduce potential queuing and is noted. The commenter's preference for Alternative 3 or a variation of Alternative 3 versus the proposed WBSP is acknowledged, and no further response is necessary.

O3-17 The comment requests an increase in the community center space on SHRA properties. See Response to Comment O2-11 and Master Response 1.

O3-18 The comment asserts that the WBSP must add more park acres by creating locally serving public parks in the Specific Plan area and that any in lieu park fees obtained within the Specific Plan area should be used in the Specific Plan area. Future projects within the Specific Plan area would be required to provide their fair share for the development of parks in the City through dedicating land for new parks, paying a fair share of costs for new parks, or renovating existing parks and recreational facilities, consistent with existing City policies. The City requires land dedication of new parks for projects with 250 or greater units. Projects that are less than 250 units may meet park requirements through the payment of in-lieu fees.

The WBSP would meet its fair share of park demand through a variety of approaches. The WBSP identifies the potential for new parks and open space within the larger development opportunity sites, with 250 or greater units within the Specific Plan area, including The Mill at Broadway (already approved), Alder Grove, Marina Vista, and the West Broadway Gateway subarea. The parks identified for Alder Grove and Marina Vista are sized in accordance with the City's park demand requirements for these sites (mapped under the Housing Incentive Zone that is used to determine parkland dedication and park impact fee requirements based on the City Park Impact Fee Nexus Study) and propose to utilize the city's Private Recreational Facility credits. Private recreational facility credits allow for up to a 25 percent in reduction to the Quimby land dedication for the development of private recreational facilities on residential developments.

Neighborhood parks in the city are designed to serve a one-half mile radius. New residential development at The Mill at Broadway and potential re-development at Alder Grove and Marina Vista will create new neighborhood parks within a one-half mile walking distance of new and existing residential units. The remaining properties within the Specific Plan area are individual infill parcels that are too small to adequately support park facilities but are encouraged to incorporate plazas and small public spaces. These properties may choose to meet park requirements through payment of in-lieu fees. Determination of how in-lieu fees are spent will be determined by the City, pursuant to its in-lieu fee program and similar to other development projects within the City.

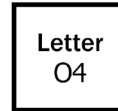
Additionally, several existing parks are already within the one-half mile vicinity of the Specific Plan area as shown in Figure 6-1 of the WBSP, including:

- ▶ Neighborhood Parks – Southside Community Garden, and O'Neil Field;
- ▶ Community Parks – Southside Park and Pioneer Landing Park; and
- ▶ Regional Parks – Historic Old City Cemetery and Miller Regional Park.

City General Plan policies support creative solutions to providing neighborhood park and recreational facilities in urban areas where land dedication is not reasonably feasible, such as providing community-serving recreational facilities in regional parks. The Specific Plan area is also well positioned to support existing park facilities in the community, further addressed in Section 6.3.4 of the WBSP.

O3-19 The comment expresses concern related to the possible demolition of the New Helvetia Historic District. See Response to Comment O2-5.

UPPER LAND PARK NEIGHBORS  
Post Office Box 189442  
Sacramento, Ca 95818



February 19, 2020

Mr. Ron Bess  
City of Sacramento  
Community Development Department  
Environmental Planning Services  
300 Richards Blvd. 3<sup>rd</sup> Floor  
Sacramento, CA 95811

**RE: Upper Land Park Neighbors Association's Comments on the City of Sacramento's Draft West Broadway Specific Plan and Draft Environmental Impact Report (EIR) December 2019**

Dear Mr. Bess:

Upper Land Park Neighbors, a 501 (c) 4 non-profit organization, is committed to working with all residents within Upper Land Park area to improve our community. Several years ago, when the Sacramento Housing and Redevelopment Agency (SHRA) proposed redevelopment of Alder Grove and Marina Vista public housing communities, ULPN asked the City to create a plan for SHRA and the whole area to provide more certainty and direction for new development. In addition, we participated in Choice Neighborhoods Initiative (CNI) Planning Grant process initiated by SHRA. The CNI grant developed a CNI Transformation Plan outlining how the SHRA's 78 acres of public housing could be redeveloped.

We have worked with the City and SHRA to create higher urban densities in order to avoid sprawl and to reduce vehicle miles travelled. We believe the existing commercial/industrial area should transition into a new community, but believe it should be done in a way that benefits all existing and future residents.

Our review of the Draft WBSP and EIR was done in collaboration with the Land Park Community Association. Our comments on the Draft WBSP and EIR are attached. Our review identified concerns the Draft WBSP that need to be addressed in order to accomplish balanced development within the 244-acre plan area. **Of major concern are the following issues listed below. (More detailed comments are in the attached comments)**

1. Several community requests from the July 31, 2010 WBSP Community Workshop have not been addressed in the WBSP. Examples include protecting residential streets from traffic impacts. Instead, the WBSP directs increased auto traffic on existing residential streets.
2. The WBSP concentrates affordable housing with the existing 751 public housing units at Alder Grove and Marina Vista. Existing public housing units and new affordable unit would be located on SHRA's two large parcels. Even though the WBSP states affordable units are expected throughout the WBSP area, private developers have the option of paying an "in lieu housing fee." Thus, there is no certainty that the WBSP will spread affordable units through the area. The WBSP needs to include a detailed mixed-income housing strategy similar to the Railyards Specific Plan. The Rail Yards Specific Plan approved only 600 affordable units with a total of 10,000 housing units. The WBSP proposes

O4-1

O4-2

O4-3

1,610 low-income and affordable out of a total of 4,900 residential units -- 34% of the total build out. We fail to see the principle of equity applied in the West Broadway Specific Plan area.

┆ O4-3  
┆ cont.

- 3. The increased density of 4,900 total residential units creates significant traffic concerns. In addition, the addition of 8,000-11,500 vehicle trips per day from the planned West Sacramento – Broadway Bridge, with design alternatives of two to four vehicle traffic lanes creates level of service (LOS) F at intersections on the west end of Broadway. This WBSP needs to state that the West Sacramento bridge traffic should have two routes: one onto Broadway and then directed north to X Street and, 2) a new road which allows autos to connect to X Street as soon as possible near 3rd Street. Our concern is that the Broadway Bridge will not be a "neighborhood friendly design" as the City adopted.

┆ O4-4  
┆

We hope these comments and questions are seriously considered by the City. We look forward to working with the City to adopt a plan that benefits all existing residents and future residents of Upper Land Park and the whole Land Park community. If you have questions, please feel free to contact me at 916.396.7659 or Luree Stetson at 916.447.3803 or email upperlandparkneighbors@gmail.com

Sincerely,

Joe Livaich, President  
UPPER LAND PARK NEIGHBORS (ULPN)

- cc:
- Steve Hansen, City council member
- Helen Selph, Project Manager
- ULPN Board members
- Land Park Community Association

## **O4** Upper Land Park Neighbors Association February 19, 2020

- O4-1 This comment provides introductory text. The comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP.
- O4-2 The comment asserts that community concerns related to traffic have been ignored. Contrary to the commenter's opinion, City staff considered public input, in addition to agency input and existing plans that address the Specific Plan area (e.g., Broadway Complete Streets, the City's General Plan, and SACOG MTP/SCS), during development of the WBSP. The comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP.
- O4-3 The comment states there is no guarantee that affordable housing will be spread throughout the Specific Plan area and that a detailed mixed-income housing strategy needs to be included. Please see Response to Comment O2-3.
- O4-4 The comment expresses concern that the Broadway Bridge will increase traffic and not be a neighborhood friendly design. See Response to Comment O1-3.

### 3.3.3 Individuals

**From:** [Nicole Amador](#)  
**To:** [Steve Hansen](#); [Ron Bess](#); [info@katie4council.com](mailto:info@katie4council.com)  
**Subject:** WEST BROADWAY DRAFT SPECIFIC PLAN AND DRAFT ENVIRONMENTAL IMPACT REPORT  
**Date:** Thursday, February 20, 2020 12:20:58 PM

<b>Letter</b> <b>I1</b>
----------------------------

Please consider the following recommendations in the planning of the West Broadway area to promote a long-term solution rather than a short-sighted, one-term fix to our very real housing issues. Sacramento deserves public housing that is dispersed and thoroughly vetted for outcomes such as traffic and safety. Do not repeat the concentrated models of public housing that have resulted from the many failed projects across our nation and which in the long run do not serve the very people who need it the most.

I1-1

**UPPER LAND PARK NEIGHBORS (ULPN)  
 PROPOSED COMMENTS  
 on the City of Sacramento's  
 DRAFT WEST BROADWAY SPECIFIC PLAN (WBSP)  
 AND DRAFT ENVIRONMENTAL IMPACT REPORT**

**WHAT IS CITY PROPOSING?**

1. Transforms 244 acres south of Broadway to McClatchy & Vallejo Ways; west to river, including Miller Park/Marina and area north of Broadway, south of Highway 50 into a "cohesive and contemporary neighborhood." This is the same size as the Railyards area being developed north of Downtown. The Plan identifies the long-term vision for redeveloping the West Broadway area, and future studies of transforming the Marina/Miller Regional park.
2. Increases existing residential units in the area from 1,113 to 4,900 dwelling units. (3,787 new residential units).
  - More than doubles the existing 751 public housing units
  - Adds 859 new units for a total of 1,610 units on two SHRA parcels.
  - Approximately 33% of total Plan Area residential units would be on SHRA Marina Vista and Alder Grove parcels.
3. "Encourages" different housing types but doesn't identify percentage of rental vs. ownership units or discuss the balance of communities (level of racial, economic and demographic integration) in new residential areas.
- 4 Triples existing 1,000 vehicle trips per day in the Specific Plan area..
  - Adding 2,700 vehicle trips during the a.m. peak hour.
  - Adding 3,300 vehicle trips during the p.m. peak hour

I1-2

**WHAT ARE SIGNIFICANT ISSUES?**

**HOUSING, LAND USE AND ZONING**

**WBSP ISSUE: Concentrates affordable housing to SHRA's existing 751 public housing at Marina Vista (along 5th Street & Vallejo) and Alder Grove (Broadway and Muir) -- doubling and tripling units on these two sites.**

The current WBSP ignores community input from the July 31, 2019 public meeting which requested limiting (not eliminating!) public housing in Upper Land Park. We agree existing SHRA residents must be protected and have improved apartments. Our concern is that there is nothing in the WBSP that ensures that existing public housing units would be relocated for the inclusion of market rate housing, creating true mixed-income housing developments.

**Recommendations:**

1. The WBSP should include a more detailed housing strategy that identifies the percentage of public, affordable and market-rate housing. In addition, the housing strategy should identify average median incomes (AMI); product types (rental and ownership) and document how SHRA parcels will result in a true mixed use development. Documentation of a range of housing opportunities and economic, racial, and demographic integration is critical. This was required of private developers in the Railyards and should be required for SHRA to ensure future development on SHRA parcels results in a true mixed-use community -- and not merely increase and concentrate low income housing on SHRA's two parcels.
2. Add Plan language that requires SHRA to evaluate relocation of its existing public housing to other available sites outside of the Plan area. Consider selling either the Alder Grove or Marina Vista parcels (or portions), require the SHRA land to support a mix of market rate housing types and using the proceeds to purchase and develop a suitable tract

I1-3

**WBSP ISSUE: Housing Types and Mix Need to be identified in the Plan and the zoning.**

**Recommendation:** Add language to Specific Plan that requires specific housing types that are similar in size, character to existing single family homes along McClatchy Way, Merkeley and San Luis Court and lower densities that are compatible with single family.

I1-4

**WBSP ISSUE: C-2 Zoning adjacent to Existing Single Family homes**

**Recommendation:** The edge near the above streets should be limited to housing stock that is more compatible with the existing adjacent residential neighborhood. Duplexes and small lot single family homes, with residential

I1-5

densities less than 30 net units per acre would be appropriate. Similarly, any surrounding commercial development in this proposed zone should be limited in height to no more than 35 feet.

I1-5  
cont.

**WBSP ISSUE: Plan is unclear about housing types on Alder Grove Parcel, which increases units from 360 up to 930.**

**Recommendations:** Add more detail to the WBSP and identify building types, percentage on SHRA two parcels. This level of detail should be specified in the plan and zoning changes.

I1-6

**TRAFFIC CIRCULATION AND MOBILITY**

**WBSP ISSUE: WBSP inputs and assumptions have not been disclosed. It is not possible to evaluate the traffic model results without full disclosure of the following inputs and assumptions:**

- Detailed land use quantities and trip generation rates, especially within the WBSP Area but also along Broadway and elsewhere within the Study Area
- Exact locations of various projects included in the “Cumulative” alternatives, especially the proposed Broadway Bridge
- Detailed trip tables showing distribution of trips between zones, especially for zones within the WBSP Area
- Mode share allocations for all four modes: vehicle, transit, pedestrian, and bicycle – both inputs and results after trip generation and assignment
- Travel counts for non-auto modes: transit, pedestrian, bicycle.

**Recommendation:** provide above data to the public in final WBSP appendices

I1-7

**WBSP ISSUES: New 8th St connector street and recommended auto routes through Upper Land Park and Land Park proper.**

- **Realigns Muir Way to Broadway at 8th Street, creating a new "collector" street to reduce backup traffic created by West Sacramento Bridge.**

I1-8



- **Recommends primary north-south collector roadways as major auto routes - 5th Street, Muir Way and Riverside Blvd.**
- **Suggests "signage" indicating 5th, Muir and Riverside are major roadways.**

**Recommendations:**

1. Include language in WBSP that encourages West Broadway Bridge traffic to be dispersed onto X Street to reduce traffic delays on Broadway.
2. Do not realign Muir Way to 8th Street. Instead direct Broadway traffic north at 8th Street and onto X Street. W and X Streets were built to handle higher traffic volumes.
3. Reduce housing density levels to help reduce traffic impacts in Upper Land Park and Land Park. (Alternative 3 of the Draft EIR states that reduction in housing would reduce traffic.)

I1-8  
cont.

**WBSP ISSUE: Creates major delays at intersections throughout Specific Plan area that are significant, but unavoidable according to the Plan's Environmental Impact Report (EIR).**

According to the WBSP traffic analyses, the worst impact in traffic delays occurs at Vallejo Way and Riverside Blvd, which would go to a LOS F during both AM and PM peak commute times:

I1-9

Most other intersection operations vary by location and peak hour. All would operate at LOS D or better in AM peak. The highest delays would occur in PM peak commute times at Broadway/Front (LOS E) 73 sec delay; Broadway/8th (LOS E) 63 sec delay; Vallejo/Riverside (LOS D) 40 sec delay; and X Street/3rd St (LOS F) (MM 4.12-2, EIR)

**WBSP ISSUE: Creates serious delays on US 50 East Bound off ramp at X Street and 5th Street.** Currently queues are 1,475 feet; increases queues to 2,675 feet during peak periods. (Off ramp queues, p. 4.12.-48 & 49, EIR). This creates dangerous conditions for traffic traveling south on I-5 and going onto W/X Freeway to Highway 50 or 99.

**Recommendations:**

1. Reduce density to mitigate traffic coming onto Broadway (Alternative 2,, page)
2. Direct West Broadway Bridge traffic onto X Street as soon as possible. This could be done by eliminating the I-5 South to Highway 99 off ramp to 5th Street to build connector which allows bridge traffic to use X Street and reduce traffic on Broadway. (Caltrans is benefitting from the bridge by removing traffic from Highway 50 freeway .)

I1-10

**WBSP ISSUE: No analysis of roundabouts vs. three new traffic signals along west end of Broadway.** The basis of these recommendations is an analysis performed pursuant to California Manual of Uniform Traffic Control Devices Manual traffic signal warrants. I1-11

**Recommendation:** Develop roundabout alternative and compare versus traffic signal, and present findings for public review & comment

**WBSP ISSUE: Conduct and document the Data-Driven Safety Analysis for other intersections within the Specific Plan area and other intersections impacted by the change in traffic volumes** – especially left-turn movements toward the City Center, and crossing movements (across Broadway, X and W Streets)? An increase in Left-Turn and Crossing conflicts can increase the number of severe crashes over the life or design period. I1-12

**Recommendation:** Perform, document and consider impacts in consideration of the City’s Vision Zero goal, and State’s Strategic Highway Safety Plan goal. Certain intersections (Riverside and Broadway, and many along X Street) already have severe crash history. The increase in traffic will produce an increase in severe crashes unless mitigation is included. .

**WBSP ISSUE: The lack of mitigation for the impact to intersection of Vallejo and Riverside.** The increase in traffic throughout each day will increase intersection conflicts and therefore crash risk; and, increased congestion will encourage some drivers to cut through residential streets to reach alternative routes (e.g. Land Park Drive). I1-13

**Recommendation:** Consider traffic movement restrictions (time of day), or, innovative treatments, including Mini-Roundabout intersections.

**NEIGHBORHOODS & SERVICES**

**WBSP ISSUE: The WBSP proposes inadequate community center space at the two major public housing areas, Alder Grove and Marina Vista.** Currently, for 751 units between the two areas, there is 12,000 square feet of community center space. The unit count for public housing in the WBSP more than doubles, yet the community center space only increases 50 percent, to 18,000 square feet. Plus, the original space allocation of 12,000 square feet for community center space is too small. One of the public inputs from the July 31, 2019 public meeting was to enhance the community center, not scale it back on a relative basis. I1-14

**Recommendation:** Re-evaluate and increase the community center space on SHRA properties. A much larger multi-function community center should be developed, one that serves both SHRA public housing residents and the greater Land Park community. With up to 930 units at Alder Grove, a much larger community space area is needed. A space needs study should be conducted to properly size and build this community :

**PARKS AND OPEN SPACE**

**WBSP ISSUE: The WBSP proposed park acreage and locations are inadequate for proposed density.**

The WBSP admits that it doesn't meet the City's park acreage requirements. It lacks 7.2 acres based upon the expected number of people who will reside in the area. This ignores the community input at the July 31, 2019 meeting, which requested parks *within walking distance of residential units*. The WBSP increases existing residential units from the current 1,113 to 4,900. That's an enormous 340 percent increase. Yet, the proposed local serving public park increases are minuscule, not at all in keeping with the residential unit increases.

I1-15

**Recommendation:** The WBSP must add more park acres by creating locally serving public parks in the WBSP area. Any in lieu park fees obtained within the WBSP area should be used in the West Broadway Area.

**URBAN DESIGN & PLACEMAKING**

**WBSP ISSUE:** Proposes demolition of the New Helvetia Historic District (aka Alder Grove) and ignores community input at 7/31/2019 Workshop which said to "Preserve the historic portions of Alder Grove" (page 13, Workshop Summary).

The WBSP states that SHRA must follow state and federal rules, but then the WBSP states all buildings will be demolished, which does not meet the Secretary of Interior's Preservation Standards. New Helvetia Historic District (most of Alder Grove) is a national and state approved historic district meeting three criteria: the WBSP recommends demolition of all historic buildings in New Helvetia Historic District. The WBSP suggests placing "monument" signs throughout the development that discusses Nathaniel Colley history of fighting SHRA over its segregation policies in 1952. The WBSP recommendation to destroy New Helvetia Historic District with proposed mitigation of monument signs would not meet the Secretary of Interior's Historic Standards.

I1-16

**Recommendations:**

1. Add language to the WBSP that recognizes the importance of New Helvetia.
2. Describe the recommendations from the SHRA's Historic Preservation Strategy Review which was to retain a large portion of the historic buildings with upgrades, i.e. 60% of buildings, and add new housing stock.
4. Acknowledge that redevelopment of Alder Grove (aka New Helvetia Historic District) can be achieved -- adding more new housing and renovating existing historic units. to create a unique, historic high density development.

## I1 Nicole Amador February 20, 2020

- I1-1 The comment provides introductory text and requests that the project does not repeat concentrated models of public housing. The comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP.
- I1-2 The comment summarizes the project. The comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP.
- I1-3 The comment states that a more detailed housing strategy needs to be included and that SHRA should evaluate the relocation of its existing public housing to other available sites outside of the Plan area. See Master Response 3 related to a housing strategy and options for locations of public housing.
- I1-4 The comment requests that language be added to the WBSP that requires specific housing types that are similar in size, character to existing single family homes along McClatchy Way, Merkeley, and San Luis Court and lower densities that are compatible with single family. Please see Response to Comment O3-3.
- I1-5 The comment requests the C-2 zone adjacent to Merkeley Way be compatible with existing residential and limit commercial development height. Please see Response to Comment O3-3.
- I1-6 The comment requests more details about the types of housing on SHRA's two large parcels. See Master Response 3.
- I1-7 The comment requests traffic inputs and assumptions, stating that it is not possible to evaluate the traffic model results without full disclosure of this information. Please see Response to Comment O3-6. Furthermore, the level of analysis provided for the WBSP is considered to be consistent and commensurate with the level of detail for the plan, as stated in Master Response 1.
- I1-8 The comment expresses concern related to traffic routes in the Specific Plan area. Please see Response to Comment O3-11.
- I1-9 The comment states that the WBSP creates major delays at intersections throughout Specific Plan area that are significant but unavoidable. Please see Response to Comment O1-2 and O3-13.
- I1-10 The comment states that the WBSP creates serious delays on US 50 East Bound off ramp at X Street and 5th Street. Please see Response to Comment O3-16.
- I1-11 The comment requests analysis of roundabouts versus new traffic signals. Please see Response to Comments O3-12 and O3-14.
- I1-12 The comment requests a traffic safety analysis for intersections. Please see Response to Comment O3-14.
- I1-13 The comment requests mitigation for the impact to intersection of Vallejo and Riverside. Please see Response to Comment O3-12.

- I1-14 The comment states that the proposed community center for Alder Grove is not large enough. Please see Response to Comment O2-11 and Master Response 3.
- I1-15 The comment requests that the WBSP add more locally serving public parks in the Specific Plan area and that in-lieu park fees should be used in the West Broadway Area. Please see Response to Comment O3-18.
- I1-16 The comment expresses concern related to the possible demolition of the New Helvetia Historic District. See Response to Comment O2-5.

**From:** [Brian Biering](#)  
**To:** [Ron Bess](#); [Scott Johnson](#); [Tom Buford](#)  
**Cc:** [Favorite Person](#)  
**Subject:** West Broadway Specific Plan and Draft EIR Comments  
**Date:** Thursday, February 20, 2020 6:02:15 PM

<b>Letter</b> <b>I2</b>
----------------------------

Dear City of Sacramento Officials,

I am writing these comments on the West Broadway Specific Plan and Draft EIR as an individual resident in the upper land park neighborhood. I have owned property and lived with my family on Swanston between Muir and Riverside since 2010. Since moving here, we have been generally supportive of the efforts to redo the Alder Grove and other non-market housing in our neighborhood. We're also aware of the state's and City's policies for new housing and are generally supportive of mixed use development.

I2-1

I am writing these comments to note two areas where the Draft EIR does not satisfy CEQA's fundamental purpose to serve as an informative document to the public and agency decision makers. I couldn't tell from looking at the Draft EIR and accompanying analyses how the traffic in the area will be impacted in terms level of service degradations and how / whether those changes constitute a significant impact. The City should ensure that all supporting documentation for the traffic analyses is available.

I also could not tell from the GHG analysis how the Specific Plan actually comports with AB 32, SB 32, SB 350, and the various local GHG laws cited in the Draft EIR. The Draft EIR appears to simply state that it complies with the CAP checklist without providing analysis of project specific features. I would suggest reviewing the recent *Newhall Ranch decision* for more detail on the type of analysis envisioned for CEQA GHG documentation.

I2-2

I look forward to seeing the Final EIR.

Respectfully submitted,

Brian Biering  
 Resident  
 972 Swanston Drive, Sacramento CA 95818

## I2 Brian Biering February 20, 2020

- I2-1 The comment questions how the traffic in the area will be impacted in terms level of service degradations and how / whether those changes constitute a significant impact. The analysis of transportation impacts is presented in Section 4.12, "Transportation" of the Draft EIR, in accordance with CEQA requirements, and includes a quantitative evaluation of the potential impacts, consistent with CEQA requirements. Impacts related to LOS degradation at study intersections is described in Draft EIR Impact 4.12-2, beginning on page 4.12-33. For example, Table 4.12-10 on page 4.12-36 of the Draft EIR presents existing and with-project conditions, as well as the standard by which an impact would be identified. Impacts related to vehicle miles traveled are described in Draft EIR Impact 4.12-1, beginning on page 4.12-32. However, with respect to the need for the EIR to evaluate LOS, refer to Master Response 4. Further, the quantitative transportation modeling results can be found in Appendix G of the Draft EIR.
- I2-2 The comment states the Draft EIR does not discuss how the various GHG policies are incorporated into the project and just relies on the Climate Action Plan (CAP) checklist. During preparation of the City of Sacramento CAP, the City evaluated and then later adopted GHG reduction targets consistent with the overall State GHG emissions targets. Therefore, development occurring within the City of Sacramento that is determined to be consistent with the CAP goals and policies would also be consistent with State GHG reduction targets and GHG reduction planning efforts. Therefore, the EIR evaluates how features of the WBSP are consistent with the CAP, beginning on page 4.7-11 of the Draft EIR, including a discussion of how project features comply with the CAP's various GHG policies. This type of approach, utilizing a qualified greenhouse reduction plan (which is what the CAP is), complies with Section 15183.5 of the CEQA Guidelines and is consistent with judicial guidance in the Newhall Ranch case, *Center for Biological Diversity v. California Department of Fish and Wildlife* S.217763 (2015) ("Local governments thus bear the primary burden of evaluating a land use project's impact on greenhouse gas emissions. Some of this burden can be relieved by using geographically specific greenhouse gas emission reduction plans to provide a basis for the tiering or streamlining of project-level CEQA analysis.") By extension, future development within the Specific Plan area that is determined to be consistent with the WBSP would also be considered to be consistent with the City's CAP and appropriate statewide GHG reduction goals and emissions targets.

**From:** cjchaffee@comcast.net <cjchaffee@comcast.net>  
**Sent:** Wednesday, January 22, 2020 12:19 PM  
**To:** Helen Selph <HSelph@cityofsacramento.org>  
**Cc:** Mayor Steinberg <mayorsteinberg@cityofsacramento.org>; CAWebmanager@hud.gov; Steve Hansen <SHansen@cityofsacramento.org>  
**Subject:** RE: West Broadway Specific Plan -Here's some input from nearby neighbors on the draft plan and EIR

<b>Letter I3</b>
----------------------

Helen,

Attached are extensive comments and recommendations from neighbors on the City's draft West Broadway Plan and EIR. This input focuses mostly on the lack of clarity about what the actual long term plans are for the replacement housing on the two subareas of this Special Planning Area (SPA) now containing too much of Sacramento 's total public housing (PH) project units, and creating so many very long term major and costly problems for all in this SPA.

The City's draft plan does not adequately describe these many decades of major and costly problems with the existing overconcentration of this dilapidated PH, of person facing desperate poverty. Therefore, the plan is not clear on *why* the City proposes demolishing all the existing PH on the two subareas, and what will actually replace it.

The City says it will create true mixed income communities on those subareas. But the plan is not clear if the City plans to move ANY of the 751 PH units for extremely/very low income out of the SPA, and integrate them elsewhere in Sacramento in areas with none/little - using fair share principles to reduce the major overconcentration of PH and resulting very harmful and costly effects on this SPA community.

Or is the City actually planning to leave all/most of the 751 PH units for extremely/very low income crammed in the SPA and simply cram about double the number of housing units on the same 70 acres and make most of the new units mostly very small rentals, and almost all at least somewhat government subsidized units for other low income levels and lower waged working folks?

This lack of clarity in the drafted plan on this major many-decades-old issue, and kicking this further down the road are unacceptable. This is one of, if not THE, biggest issues facing this SPA.

The final plan should clearly state that to create a true mixed income community, the City will move a substantial portion of the 751 public housing units out of the SPA, and also include middle to upper income folks/housing and a fair share of owner occupied homes on these two subareas. Moreover, to be effective and helpful for those needing a helping hand up, the final plan should clearly state that the City will integrate such housing for the extremely/very poor throughout the City limits using effective and fair share practices, and that this integration outside the SPA will be done without negative impact to the existing PH residents and accomplished through attrition and voluntary relocation.

I3-1



Moreover, the City's plan to cut down many established trees on those two SPA subareas and greatly reduce the many green open areas there to make room for all the new housing units (751 to 1,610 !) is unacceptable. I3-2

Last, the EIR is incomplete and therefore unacceptable. For instance the draft fails to include socioeconomic impacts and needs to. CEQA covers socioeconomic impacts. The State Office of Environmental Health Hazard Assessment (OEHHA) covers them and documents how bad the environment is in this SPA vis a vis the existing overconcentration of public housing/persons in poverty. I3-3

The Mayor, and the California HUD Office, are copied here. The Mayor is quoted and should have input into this City plan. And HUD's California/Regional Office has been responsive on past related issue communication about the many very long term public housing problems in this neighborhood. The council member for this area is also copied. I3-4

Please let me know if you have any questions, etc. on this input. We appreciate you seeking and incorporating such important "effected community" input. We look forward to reading and providing input on the related Finance Plan when it is drafted and made public.

**Neighbor input to City on December 2019  
First Draft West Broadway Plan and EIR 1-22- 2020**

**Introduction**

Thank you for sharing the City’s late December 2019 draft West Broadway Specific Plan and EIR for this Specific Plan Area (SPA) with the effected community. The Sacramento City Community Development Department (CDD) and your team are spending a lot of time, effort, and government resources to work on this huge, extensive and, at times, very detailed plan. The two City draft documents total hundreds of pages, with a draft Finance Plan Report not even released yet. Plan implementation can easily cost BILLIONS of dollars if including much government funding (e.g., low income tax credits) and long-term debt obligation is accounted for. A long-term plan for this area has the potential for major improvements. Therefore, this is very important work that must be done right, with sufficient community input over time.

What follows here are rather extensive review comments and recommendations from the perspective of long-term neighbors.

This new long-range City planning effort for this SPA could again bring hope of positive change to this fragile and troubled community. But many neighbors that have lived here a long time are understandably skeptical that positive change will occur. Please take this input not as negative opposition to such planning, but healthy critical thinking based on real life experiences here. Please be responsive and incorporate needed changes we recommend to the final plan and EIR. Please make the plan as clear as possible, and the best it can be. The final plan must raise, not lower, the safety and quality of life for those already living here. As we all know, nice sounding long term and general plans often get changed for the worse over the actual decades as they are actually implemented, as actual funding is sought, and the new specific developments are built. Such “forces” as politics and requirements of funding at the time can drive results rather than best long-term outcomes for the community in this actual area, or for Sacramento, California or our nation.

I3-5

We understand this Plan and EIR are meant as a ‘20-year plan’ to organize, integrate, update, and improve many past plans for at least “subareas” of this 233-acre area. Long term residents here have been involved with and spent much time and effort on many of these previous, often fragmented efforts that never came to fruition. Nevertheless, we did our best to read the hundreds of pages in the new draft plan and EIR carefully with open minds. Unfortunately, as you know the drafted plan does not include, nor has the City drafted and released any of the Finance Plan (including estimated costs and possible sources of funding). At least rough information and estimates on costs and financing alternatives are integral and necessary for a plan to be clear and sufficiently complete. Without such financial information, the plans made public to date in this draft plan and EIR are at best, far from solid and complete. Many past plans for this area were never realized due to lack of funding, or from funding that would force an even more negative result for this fragile community. We’ve already requested the City to extend the community input period on the drafted plans/EIR past 2-10-2020 until after the draft Finance Plan is completed and released to the public. Again, we’re hoping long term improvements for this SPA are realized.

We understand the plan includes a number of ‘subareas’: Broadway Commercial Corridor, Marina/Miller Regional Park “special study area’, River Gateway area, the Mill housing, Industrial, the Alder Grove (AG) public housing (PH) projects, the Marina Vista (MV) (fna Seavey Circle) PH projects, and the Land Park Woods (LPW) low income apartments. We understand that all these subareas are included in this plan in an attempt to create a more integrated and comprehensive overall plan for this SPA. However, many of the developments in these various subareas will occur on different timeframes, with different funding streams and requirements, and effect the community differently.

**Comments and recommendations focus on the AG and MV SPA subareas in the draft Plan and EIR**

The review comments and recommendations in this “effected” community input document” are focused on plans for the two large subareas now containing both of Sacramento’s two largest, failed and harmful last century model public housing (PH) projects – AG and MV (the largest and a little newer). These are the subareas in the SPA that have been the most problematic, costly, and in need of change for many decades. Long ago both of these PH projects (each by far the largest in the entire Sacramento area) were both crammed in this one tiny Sacramento neighborhood. Historically this is one of the limited Sacramento areas where persons of color could buy and own homes – well into the 1950s! For instance, only Caucasians were allowed to buy homes east of Riverside Blvd in the actual Land Park neighborhood well into the 50s. During the 1990’s the SACPD said this was the most violent crime ridden area in all of Sacramento because of these PH projects. With cost estimates in previous City plans approaching a half BILLION dollars or more to replace these problematic PH projects, it is a MAJOR and most difficult problem and challenge for Sacramento. Most in this area understand the need for, and support more affordable housing and homeless shelters throughout Sacramento, California, and our nation. As Governor Newsom says “Homelessness is a national crisis, one that’s spreading across the West Coast and cities across the country. The state of California is treating it as a real emergency.”

Six top causes of homelessness are: 1. Lack of affordable housing, 2. Unemployment, 3. Poverty, 4. Mental illness and the lack of needed services, 5. Substance abuse and the lack of needed services, 6. Population increases.

While individuals need to take some responsibility and initiative for their life/conditions, homelessness and housing affordability are complex multi-faceted issues. The wealth gap and income inequality continue to grow. At the end of 2017, the top one percent of Americans held over 38 percent of the nation’s total wealth. Meanwhile, 53 million American workers earn barely enough to live on. Here in California, those same low-income workers are the very families increasingly forced to live in their cars and turn to the local church for a hot meal. While unemployment rates are at historical lows, wages, pensions, health care coverage/etc. for more are not enough to afford a middle-class life. While there has been a major recovery in our country since the Great Recession of 2008, the national debt is now at an all-time high. Further, interest rates are at really low levels; rate increases are likely and would hurt our economy – including housing affordability.

Sacramento officials aim to place homeless shelter residents into longer term housing within six months of the first night they spend in the short-term homeless facilities. But affordable housing construction in the Sacramento region (and California and our nation) has not kept up with demand, meaning the inventory of available affordable housing where homeless shelter residents can be placed is low. Sacramento officials need to ensure their long-term plans for this SPA vis a vis homelessness and affordable housing address the underlying causes of these problems, not just the consequences (e.g. increased homelessness and lack of affordable housing).

Understanding the underlying problems is critical to developing long term effective solutions. Moreover, the plan needs to state that this SPA is not expected to include far more than its’ fair share of (Sacramento’s needed) low income, very small and/or rental housing units. If the City is developing a new policy to concentrate such public and other affordable housing wherever possible, in all new development plans, that should be stated in the plan for this SPA. We doubt that is the case.

As Mayor Stenberg says:

***“While I believe strongly that Sacramento needs more affordable workforce housing and housing for the homeless, I also believe that the city must have a fair share policy. It is unfair and ultimately unsuccessful to over concentrate any housing or social service effort in one or several neighborhoods. I am firmly committed to leading a community dialogue and action plan to both provide more affordable housing and to ensure that we all take responsibility to help those trying to recover and improve their lives.”***

I3-6

Furthermore, one of the very top policy considerations in the stated City scope of this “West Broadway” SPA is: **“H-1.3.5 Housing Type Distribution:**

***“The City shall promote an equitable distribution of housing types for all income groups throughout the city and promote mixed income neighborhoods rather than creating concentrations of below-market-rate housing in certain areas. “***

This SPA presently contains about 44% of all such SHRA PH units in the entire City limits! This SPA contains about 50% low-income government subsidized housing units. That is certainly a major over-concentration of below-market-rate housing! Further about 50% of all existing housing units in the SPA are rentals. Home ownership in our nation, state, and Sacramento continues to slide with resulting decreases in community stability and the long-term socioeconomic well-being of our society. In particular persons of color continue to face substantially lower home ownership rates and decreased long-term socioeconomic stability. Sacramento must plan for and implement equitable and effective solutions.

Sacramento officials must practice what they preach/promise: Utilize fair share integration policies for such public and other affordable housing throughout Sacramento. Don’t keep it unfairly over-concentrated here in this SPA as it has been for the last 70 years. Furthermore, the City must not try to say that by simply increasing housing densities in this SPA the present over-concentration is “watered down” and no longer a problem. The City’s final plan for this SPA should not create the distinct possibility that not only will all the present PH units with the related major and costly problems remain, but that it could get worse. The final plan should not create the possibility of turning our primarily residential neighborhood where we raise our families into a failed higher-density urban experiment for the City, with all 826 public/low income housing units all left crammed in, and the quality of life and safety in the area getting worse. That would not be fair or promote “equitable distribution”, or a truly “mixed income neighborhood.”

On June 26, 2019 in a phone conversation with City Planner Helen Selph she assured me that this West Broadway long term plan would recognize an over-concentration of PH in this SPA, in this little area of Sacramento, and the need for the City to move some of these PH units out of the area and integrate them in some other good Sacramento areas using a fair share approach. She emphasized that their CDD planning role is long term and at a high overall level, that others in the City like SHRA and the Mayor’s Office must work on such, and that such integration will be long term and “will be a heavy lift”. That same day, before relaying what she said to others in this community, I emailed her the summary of our telephone call to make sure what I recorded/wrote down about the conversation was correct. These facts and wording we discussed and agreed on are not but need to be included in the final plan – as agreed. This is a major very long-term issue for this community, for this SPA, and for Sacramento moving forward. The problems must be clearly stated to ensure the related solutions are appropriate and effective. Presently the drafted plan is very general and vague on such problems and therefore solutions.

Historical perspective of long-term major and costly problems related to the huge PH projects in this SPA

The City’s/ SHRA’s ‘Marina Vista’ (actually overlooks the I-5 freeway, not the river or the Miller Park marina) “MV” was previously called “Seavey Circle”. The name change was made to try to disassociate these PH projects from the many major and costly problems there for decades; but the problems continue. MV is THE largest PH projects in the entire Sacramento region. The AG PH projects are the second largest in the entire Sacramento region, and located only several blocks from the MV PH projects. Both the MV and AV PH projects are among the largest in the entire Western United States. Neighbors have faced some very unsafe and trying times living near these two large PH projects. This over-concentration of PH housing in this one little Sacramento area has resulted in many major and costly problems over the four decades we’ve lived here. Below some of those problems are detailed. It’s great that the City is trying to plan to actually make some major improvements in the area. It’s been a long time coming. Politicians and others have promised positive change over the decades, but not delivered. Those promises and the resulting hope were the reasons many homeowners in the area stayed. They had invested a

I3-6  
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I3-7

lot of time, money, and effort trying to help improve this community. They want the less fortunate to obtain effective help, including housing.

Again, these two failed last century PH projects have caused major costly problems for MANY decades. Again, in 1990 the SACPD said this was the most dangerous area in all of Sacramento because of these old-style huge PH projects. During the early 90's the great SHRA Director - Betty Turner - told us neighbors (working with her on the MANY major and costly PH project related problems) that placing so much PH in this one little Sacramento areas (Both MV and AG) was an old, prejudiced, and failed idea/practice. Ms. Turner told us the future in Sacramento should be about substantially reducing the PH concentrated in this one little Sacramento area, and about integrating PH (with less in any one little area) and other affordable housing using fair share and effectiveness principles into MANY good areas of Sacramento, and nearer better schools, transportation and jobs. SHRA Director Turner sagely warned that NIMBY by more powerful Sacramento areas, related political pressures, and funding constraints could hamper such progress. They certainly have. Decades later, are Sacramento government officials, CDD, and others still considering or planning to keep all of the 751 PH units (about 44% of all such SHRA PH units in the entire City limits) in this little Sacramento area/neighborhood, this SPA?

The draft plan is not clear on this major problem "elephant in the room" for this area. And that 751 housing units does not count the additional 75 low-income units right next to the MV PH projects. When the original Land Park Woods (LPW) (fna "Camellia Commons") apartments were built, the City promised the neighbors the apartments/housing would ALWAYS be ONLY for seniors. Neighbors then agreed to these apartments being built right next to their homes, knowing that seniors create less risk for the community. But the City PH projects got so bad in the 90's that the seniors left these LPW apartments. Many home owning neighbors also sold and left. The City and SHRA told neighbors that tax credits for more low-income housing for *all* low-income people was the only funding available. So more persons facing poverty and many problems in living, with so many needs, many that were troubled single parents raising young children were crammed into this already very fragile and problematic environment. For MANY decades this community has faced the resulting major and costly problems from such overconcentration of low-income housing in this one little area of Sacramento. Those throughout Sacramento needing a helping hand up have been crammed in these two huge warehouse style PH projects, and thus faced unnecessary risks and problems. They deserve far more effective housing.

The history section of this current draft plan should, but does not, contain information on these past prejudices related to these PH projects, and the resulting major and costly problems for the many decades since in and near this SPA. Such historical facts should be added to make the plan clear vis a vis what major changes are proposed for these two PH project sub areas/housing, and *why*. This plan should clearly state the fact that this SPA contains far too many housing units for those with extremely/very low incomes, and that such over-concentrations are harmful.

Modern research/evidence is clear: (e.g., HUD Evidence Matters – Understanding Neighborhood Effects of Concentrated Poverty:

<https://www.huduser.gov/portal/periodicals/em/winter11/highlight2.html>  
[https://urldefense.proofpoint.com/v2/url?u=https-3A\\_www.huduser.gov\\_portal](https://urldefense.proofpoint.com/v2/url?u=https-3A_www.huduser.gov_portal)

Placing too much public housing in one little area results in major problems. Neighborhoods of concentrated poverty isolate their residents from the resources and networks they need to reach their potential and deprive the larger community of the neighborhood's human capital. Research shows cramming too much PH in any one area – overconcentration- creates communities with serious child neglect, crime, delinquency, unemployment, substance abuse and other mental health disorders, and other major and costly problems that, in turn, further restrict the opportunities of those growing up and living in them. It's warehousing those in need. The impacts of neighborhood poverty rates on creating these problems increase rapidly if a neighborhood exceeds about 20 percent poverty. It appears but is not clear that this plan will result in far greater than 20 percent of all housing units still being for those facing poverty. The plan should provide an

I3-7  
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estimate of the overall percentages of the estimated 4,900 units that will be for those with extremely low income, very low income, etc.

The final City/CDD plan should clearly state that the long-term plan is to reduce this past prejudiced and problematic overconcentration by redistributing at least 50% of these existing 751 PH units into other Sacramento areas with little to no such housing using fair share principles. About six years ago, that is what SHRA told neighbors they would do. The CDD plan should state that this SPA area now contains over 44% of all such SHRA public housing units in the City limits – two of the largest old-style government PH projects in the entire Western United States. Those are important relevant facts. The plan should also state that in such integration work the existing PH residents will be provided help/rights in relocation to these new areas/units outside the SPA. The plan could then transition effectively into the existing draft plan discussion of moving some of the remaining existing low income housing out of the two previous specific PH project subareas and integrating it in other subareas in the overall SPA. The plan would then be clear that it wasn't simply performing a "bureaucratic shuffle" in the area, "rearranging deckchairs on a titanic" by simply trying to relocate some of the 751 PH units to other subareas in the SPA, but planning on keeping all 751 PH units in the SPA.

Here's more detail on just one problem mentioned above -crime. Cramming both of Sacramento's two largest two PH projects into this one little Sacramento area has added substantially to high crime rates in this area for MANY DECADES. The online SACPD crime mapping tool documents the following types of serious crimes in these two PH projects in just the past year. There are about 300 listed, many often, many major, costly, and very harmful crimes:

Homicide, Attempted Homicide of Police officer, Possession/ Sales Opiates/Narcotics, Harassment, Child Assault/Sex activity, Willful Cruelty to Children, Child Custody, Threat/Intent to Terrorize, DUI , Access Card Fraud, Felony Possession Ammo, Gang Activity, Robbery, Possession Stolen Vehicle, Assault W/ Caustic Chemicals, Petty Theft, Battery Civilian, Willful Disobedience, Vandalism, Danger to Self/Others, Resisting Peace Officer, Harassment, Inflicting Injury on Child, Casualty Report, Found Stolen Property, Possession/Sales Controlled Substances, Domestic Violence, Trespassing/Prowler, Vandalism>\$400, Fraud/Bunco, Assault with Weapon, Battery, Drug Paraphernalia, Burglary Vehicle, Burglary Residence/Forced, Trespassing After Notice, Used Forged Card, Violated Protective Order, Found Property, Brandish –Non Gun, Child Assault/Sex Activity, Possible Financial Crime, Missing Person, Take Vehicle W/O Owner ,Theft – License Plate, Auto Theft Location, Trespassing/Prowler, Domestic Violence, Robbery, US Theft of Mail, Forcibly Steal/Take, Brandish Firearm, Arson of Inhabited Structure, Hit/Run Injury, Shooting in Occupied Dwelling, Willful Disobedience, Hit Run -with Injury/Death, Parole Violation.

SACPD and others (e.g., UC Davis Study) report that many crimes go unreported in these two dilapidated and over-concentrated PH projects for fear of retaliation, so these crime counts are conservative. The police can only really mop up/react to the underlying problem – the overconcentration of poverty/PH in this one little area of Sacramento that has caused a bad environment to live in, and major and costly problems for the surrounding community and taxpayers. SACPD reports that crime in the surrounding neighborhood is also higher. And the costs to SACPD decade after decade to respond and stand in harm's way to such crimes are very high.

Moreover, this drafted plan should mention the failing performance of the elementary school in this SPA and the relation to the overconcentration of PH. Placing so much PH in this one little area, with so many children facing so many needs and challenges has created a horrible learning environment for the children in this SPA for MANY DECADES. While many other strategies besides reducing the PH concentration have been tried, and much funding spent, the school's bad performance continues.

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Neighbors in/right next to this SPA have also previously shared information with the City CDD on many major, costly, and continuing (for decades) problems related to these PH projects, this harmful housing/community environment. There is no good reason this plan does not at least summarize some of these major and costly problems to make plan readers (including those living in this community, City officials, and developers) understand not only what is proposed, but *why*. Without this SPA plan providing such information on these present and long-term major and costly problems, the context and purpose of proposed changes made in the plan are not clear and really understood. Therefore, the draft plan is not focused on the best really effective housing and community vis a vis the full range of environment challenges.

In 2016, the State Office of Environmental Health Hazard Assessment (OEHHA) ranked the area contained in the SPA as among the most polluted and negatively impacted by socioeconomic challenges in the entire County and State. OEHHA develops problem indicator scores related to its environmental health hazard risk assessment work. The following are specifics: Impaired Water -97%, Hazardous Waste 94%, Groundwater Threats 93%, Rent Adjusted Income 93%, Unemployment 89%, Poverty 86%, Traffic 83% and Diesel 83%. OEHHA also said other high pollution burden percentile scores can be related to a number of factors including but not limited to the I-5 freeway on the west side of this tract/neighborhood. We did not see anything in the draft EIR about the I-5 freeway pollution, and that placing so much housing - much for the less fortunate with many children with other existing health risks -next to such pollution is unhealthy and costly in the long run. The overconcentration of PH in this area drives OEHHA's indicators of high poverty and unemployment. This OEHHA work/these findings have previously been shared with the City CDD Office. All these very negative environmental findings should be mentioned in this plan and EIR, and help drive the plan's conclusions and recommendations for improvements in this SPA.

I3-8

This draft EIR fails to include/address all/most of the bad socioeconomic environmental health hazard conditions that OEHHA says are extremely bad for those living and growing up in this area. We consulted with a Yale and Stanford educated lawyer very knowledgeable in EIRs. He advises that an effective and complete EIR for this SPA must also include socio-economic considerations:

***“In general, the issues you cite are right within CEQA, which requires a close look at any “project” that might have an impact on the environment. Environment has been broadly defined, much to the dismay of developers and, indeed, government agencies trying to do things.”***

***“There’s some controversy about whether CEQA covers socioeconomic impacts, but there is authority that they’re covered. This is from the CalTrans Handbook: Economic or social effects of a project may be used to determine the significance of physical changes caused by the project. Although primarily directed at physical changes, CEQA regulations require that socioeconomic consequences of the physical change be analyzed. This means evaluating the impacts on an existing community, on religious practices, and on business activity brought on by the physical changes directly related to the project. For additional information regarding social and economic effects, please see see Volume 4 of the Environmental Handbook, for example: <http://www.dot.ca.gov/ser/vol1/sec5/ch36eir/chap36.htm#required> .”***

I3-9

While PH should represent a public commitment to provide safe and stable housing for some of the lowest-income families in this country, severe underfunding and substandard conditions have repeatedly breached that commitment. The underfunding of PH has impacted the health and well-being of residents, who in study after study report poorer health and increased levels of environmental hazards because of substandard housing conditions.

**[The Promise and Peril of HUD's RAD Program — Shelterforce https://shelterforce.org/2018/07/30/the-promise-and-peril-of-huds-rad-...](https://shelterforce.org/2018/07/30/the-promise-and-peril-of-huds-rad-...) Jul 30, 2018**

I3-10

This publication also says one RAD requirement is that “Any residents who are temporarily relocated during any construction or repairs at the property have the right to return to the property after the repairs are completed.” Again, this is a 20 year ‘plan’. The draft plan says the longer-

term plan (e.g., after about 12 years) is to demolish all housing units on both PH land sites (AG and MV) and rebuild and create a mixed-income community. But for the next 12 years or so, the draft plan says SHRA is trying to/will convert the PH projects to HUD funded “Rental Assistance Demonstration Programs” (RAD). While the draft plan says RAD converts the units to project based Section 8 rental assistance, the plan should describe a little more about what RAD is, what requirements it creates, and how the RAD funding requirements will fit with the subsequent longer-term plan to demolish all 751 of these old PH project units, and rebuild/redevelop these two subareas into a mixed income community. No information in the drafted plan is provided on what that 12 year “keep things as they are” period means for the residents presently living there or for the surrounding affected neighborhood. These concerns include if there will be effective management of all these concentrated rental units for the desperately poor during this long 12 year “RAD phase”. There has not been adequate management of these City/SHRA housing projects -as evidenced by many of the ongoing problems for many decades. As one other example, during 2018 it took MANY calls and emails from concerned neighbors to the City for MORE than 6 months to get them to fix and get ALL the 5<sup>th</sup> Street lights on the whole east side of the crime ridden MV projects – they had ALL been out or almost a year on that side of these crime ridden PH projects. About a block from there a year or so earlier, a homeowners neighbor had a bullet come through her kitchen window and lodge in her refrigerator – from the nearby MV PH projects. She was so worried and anxious - what if that bullet had instead come through her other front window - that of her young daughter’s bedroom? This “dark NO City street lights fixed area for almost a year” area is where there was an attempted murder of a SACPd patrolman during 2019 at these MV projects, and where many other crimes frequently occur. Neighbors fear such lack of management could get even worse. How can we trust the City and SHRA on their long-term plan promises of proper management and oversight when our SACPd, families, and so many needing a helping hand up are so often, for so many decades put at risk by the City and SHRA not properly managing and overseeing their failed overconcentrated PH projects in this SPA? How can we trust the City with their long-term plan for “improvements” for this area, when they make NO mention of such major and pervasive problems in their long term plan?

Twelve years is also a very long time for the City to leave all these failed, dilapidated, unsafe, and harmful PH units concentrated here in this one little fragile neighborhood that has already suffered so much for so long. Evidence is clear that the existing PH is far from effective and helpful for those living in this PH, in this environment -especially for the children. Moreover, we do not want the City to again “kick this major existing overconcentration of PH down the road,” and then never accomplish the reduction in PH in this SPA. There are no such assurances against that in this drafted plan. Many times, after decades, the City has dropped real plans for progress because “no funds were available”, etc.

The plan should state, but does not, *why* the City and SHRA are waiting so long to demolish and rebuild the two PH project subareas, and create the new safe and healthy mixed income housing/environment. Twelve years is also a long time to leave the PH residents and surrounding community in this existing higher risk and negative environment. Furthermore, fixing up, or even maintaining, the dilapidated and unsafe 751 housing units for 12 years will also cost A LOT and seems like a major waste of taxpayer money when the plan is to then demolish all of these housing units. For example, present maintenance costs taxpayers \$1,000,000 or more a year for these two failed soon to be demolished PH projects. We saw one SHRA report showing almost \$5 million for just one year for maintenance! Isn’t this “throwing precious and good taxpayer funded money after bad”?

Sacramento City officials told the federal government/HUD during 2015 that these housing projects needed AT LEAST \$100 MILLION in work right away if they were going to be left standing, because these two PH projects are so dilapidated and uninhabitable. The Sacramento City government detailed major structural issues (e.g., not safe in an earthquake – putting housing tenants and their children at risk), leaking sewage and plumbing not fixable as it is so old; same with electrical, major black mold problems, etc., etc. No funding was obtained and none of these major health and safety problems have been fixed. None of these 2015 City findings seem to be

I3-10  
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included in this latest CDD draft plan. The plan should inform readers of the major current problems needing major work/solutions. These findings also support the CDD conclusions in this draft plan that the existing PH buildings need to all be demolished and new housing units built there. Without providing such facts, the City plan may lead many uninformed readers to wonder why the City government is tearing down what would be perceived as fairly good and safe brick housing structures that were built using so much precious tax funding. Some neighbors perceive some of the MV PH project units to be in the worst shape and most dangerous. Are the latest City's findings that all housing units at both PH project subareas are too dilapidated and unsafe to maintain long time? The plan should provide such information to support the plan conclusions/recommendations.

I3-10  
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Moreover, the final plan should clearly provide information on if the longer term plan allows all 751 units now earmarked as PH to remain in the new rebuild for the AG and MV subareas, or if a certain number of those PH/very low income units would be instead moved to other Sacramento areas with little to no PH/very low income housing (e.g., using fair share distribution and integration principles) to reduce the substantial overconcentration in this SPA. We strongly recommend the City explicitly state that the longer-term (e.g., about 12 year) plan, and sooner if possible, is for a substantial reduction in the PH in this overburdened little Sacramento area/SPA. "Substantial" should be objectively defined/measured. We strongly recommend that the plan state "At least 50% of the existing PH units shall be relocated out of this SPA to create a true mixed-income community. Moving at least 50% of the PH units out of this SPA will be done without negative impact to the existing PH residents and accomplished through attrition and voluntary relocation".

Sacramento is planning to increase overall housing, including that which is subsidized/affordable. However, this SPA/community should not continue to be used unfairly as an area to cram in far more than a fair share of Sacramento's planned PH and other low income/affordable housing. City government has already done that for about four decades, with very negative and costly consequences. Fair share principles must be espoused and applied in this plan. For instance, is the City planning to build as high a percentage of PH and other low income/subsidized housing in the huge Railyard area downtown that is far closer to jobs and effective public transit? If not, why not? Is the City planning on instead using this "West Broadway" SPA and community unfairly to "do far more than its fair share" in meeting entire citywide needs and goals - by cramming in even more low income housing, rentals and very small homes in this SPA? That would continue the unfair and prejudiced practices this SPA community has faced for over seventy years already. We don't assume so, but the plan is not clear and needs to be. We know that NIMBY by other more politically powerful areas/neighborhoods in Sacramento have created barriers to fair share integration for way too long. Such unfair development in this SPA would further reduce the stability, quality, and value of this already overburdened, troubled, and fragile community. Such concerns need to be addressed in this plan.

I3-11

This draft plan says it will rely heavily on SHRA's/City's previous November 2015 "Transformation" plan to HUD for the build out of the land where the AG and MV PH projects now exist. That previous 2015 plan was opposed by the vast majority of nearby homeowners in that community and was never funded. Thank goodness. That previous plan proposed either 1200 (and costing about \$279 MILLION "up front") or 1500 units (and costing about \$383 MILLION "up front") with total final costs at over HALF a \$ BILLION! And these huge costs were before the new increased residential construction costs and the new (January 1, 2020) solar power requirements that will increase the new plan costs. Both plans relied very heavily on taxpayer funding. Both plans relied heavily on borrowed money and long-term debt obligation. Both plans relied on funding tied to developing low income housing units (e.g., low income tax credits). Therefore, both plans would have resulted in total long-term final costs being far greater (e.g., about double) and almost all of the housing being low income housing units - creating an even larger concentration of low-income units and persons facing poverty in this one tiny, fragile and crime ridden Sacramento area. And almost all the proposed housing would have been rentals in an area with far too high a percentage of rentals already.

More ownership should be fostered to help stabilize this community. And that 2015 City/SHRA plan gave no assurances that ANY of the existing PH would be moved and integrated into any other Sacramento areas (e.g., with little to no PH, using fair share principles). SHRA and the City started saying that other good neighborhoods throughout Sacramento with little to no PH were opposed to accepting any PH, so all the PH therefore had to stay where it was. However, even the City Council admitted several years ago that the 2015 proposed increase to 1500 units was too many there and required too much and unavailable government funding. Is the City leadership now flip-flopping and planning 1,610 total units on these two SPA subareas? This change in City direction should be explained in this plan.

This drafted plan says both the AG and MV subareas will be "mixed income". But it is not clear, and should be, if the City (which now has authority over SHRA) is planning on keeping most if not all the existing PH units/tenants there, and simply heaping on more low income, lower level working housing units, and some for those with somewhat higher income. Or is the City plan to relocate a substantial portion of the 751 PH project units to other Sacramento areas using fair share principles, to create a true mixed income and economical viable community in this SPA? If the present overconcentration of low- income housing units is kept there, then related socioeconomic problems described in this document will continue. Further this plan likely won't work to attract and retain business along/near Broadway, and won't be economically viable.

I3-11  
cont.

The plan should provide at least rough estimates of what percentages of the total housing units on these two subareas will be government subsidized and for extremely and very low income, low income, etc., and on the other hand what percentage market rate including lower priced and higher priced for ownership and for rental. The draft plan's vague wording makes it seem like (but is not clear) some of the extremely and very low-income units NOT moved out of the entire SPA would at least be moved from the two existing PH project subareas to other subareas in the SPA. The plan should also be clear on this intent.

Moreover, the draft plan provides NO information on if all housing units in these two subareas will all/mostly be rentals. The plan provides no information nor any recommendations on if a fair percentage of home/unit ownership in these two subareas is supported. The City's long-term plan certainly should support more home ownership. Will working folks with incomes and alternates even be allowed to buy and own, let alone choose to live here long term, or will community instability continue with frequent rental and "move up" turnover? The oversaturation of this SPA with PH and rentals is a MANY decades old problem that should be acknowledged in this plan. Recommendations to fix those problems should be provided. The present draft plan does not clearly mention such problems, and is then ambiguous in what is said. Please clarify and provide more meaningful information on this in the final plan. The present draft is unacceptable on these issues.

The draft plan says the longer term (e.g., after about 12 years) plans are to demolish all the existing buildings/PH project housing units on the AG and MV subareas, and then more than double the housing units on the same acreage - cram 930 units where the 360 AG units are now, and 680 where the 391 MV units are now. The plan is to cut down a significant number of the large established shade trees and substantially reduce the open green areas in these two PH project subareas to make room for a lot more housing units. The plan should be changed to save as many of these large trees as possible, even if it means reduced housing densities. "Alder Grove" speaks proudly of the ample trees in this area of the SPA. Ample green space should also be maintained. These mature shade trees and open green spaces add substantially to health benefits, property values, and quality of life for those in this community. The MV subarea is already crammed in right next to the I-5 Freeway with substantial air and noise pollution. These facts are not mentioned in the plan and EIR, and should be. The Sacramento Tree Foundation and many others advise that such mature trees help significantly with such pollution and noise. They also inform that those living in lower economic areas suffer from far less mature shade trees in our hot and getting hotter region. While the draft plan calls for planting new replacement and other trees, again, receiving and enjoying the many benefits of larger established trees would take

I3-12

many decades. Therefore, this present drafted proposed plan is unfair and insensitive to major populations the City is trying to help.

Neighbors have lost trust with the City related to the issue of valuing and saving as many larger trees as possible. For example, in the last several years a developer rushed to cut down almost all trees on the parcel of land next to the I-5 freeway that is immediately south of the SPA and just west of the land with the oldest home in the whole general Land Park area. Noise from and sight of the endless vehicles on I-5 has increased substantially, decreasing the value of nearby properties and the health benefits and quality of life for nearby neighbors. Almost three years later the land is still undeveloped, and left -now- clear-cut.

I3-12  
cont.

Moreover, the proposed new densities may add 'insult to injury' in these two areas where so much PH is already crammed in. It appears most of the units will be very small -700-1000 square foot. While the surrounding homes are not large, making all or most of the new housing units so small suggests the housing will be very dense and focused primarily on being lower priced affordable housing and rentals. An overconcentration of very small housing units would not be conducive to creating a true mixed income community, and would not integrate effectively with the existing surrounding neighborhood. The plan should clearly state that a substantial percentage of larger market rate apartments and homes will be included in each of the two (previously PH project unit only) subareas. The plan should clearly state that an ample number of owner-occupied homes will be included in these two subareas to foster longer term commitment to living there, and community and socioeconomic stability. They are crucial to creating a true mixed income stable community. Owners occupying homes also serve as role models. Many decades ago, Mayor Joe Serna proposed the idea of trying to find funding to support some of the PH project tenants - that ended up with ample employment and somewhat more income - to stay, own, and occupy some of these units in those PH project subareas, to serve as positive role models and create community stability. This community should not continue to be a revolving door where those that are successfully "lifted up" and get good employment, etc. leave, and where then new folks facing poverty and many other problems in living and serious needs continuously replace them.

I3-13

That PH project model has failed and created major and costly problems for the tenants, the surrounding homeowners, and the taxpayers. Moreover, while the present draft plan is to more than double the number of housing units, the actual increase in housing densities on these two subareas would be much greater if a truly mixed income and stable community is the goal where a fair percentage of housing units are larger, since all the existing PH project units are small.

The final plan for this entire SPA should require one story housing and other buildings right next to existing neighborhood homes and then increased heights and densities as the new construction is further away, and closer to Broadway – again to be fair and supportive of the existing neighborhood, and to reduce negative effects (e.g., privacy, noise, traffic, pollution) of those living and working in the newly constructed buildings. The final plan should also call for only one-story housing units on the MV subarea that are right next to the I-5 freeway sound wall. This accommodation would reduce noise and other negative effects for those residents. No established trees should be removed, and many more trees (mostly evergreens for year-round effectiveness) and large bushes planted along/by the I-5 freeway sound wall on the west to increase health and reduce negative effects from the I-5 freeway. The final plan should reflect the fact that it is not right to place low-income housing right by the I-5 freeway since this population - often with many children, already faces increased health risks.

I3-14

Long before the City released this draft plan, neighbors already provided the City much of the information about these problems. Lawyers can get involved if the City continues to be dismissive of such important community input and major concerns, if the final City plan and EIR do not address such problems and do not then provide meaningful plans and effective remedies for such real and major problems.

I3-15

This draft plan is still very general and very vague at times about major parts of what will actually be developed long term. The City has not even provided this community with cost and financing

estimates. These are critical to a clear and understandable plan – especially one of this size, scope and costs – including to taxpayers. Plan implementation can easily cost BILLIONS of dollars, especially when government funding including tax credits and long-term debt obligation costs are accounted for. The Finance Plan and summary in Chapter 10 of the final version of this drafted overall plan should include cost-benefit analyses of the various options considered and decided on by the City. Chapter 10 in the draft plan just says the Finance Plan is not complete and will be released later as a separate report. No large, important, and ambitious plan like this is near complete, real, or comprehensible without knowing at least some about the rough estimated costs and financing options. Again, the final deadline for public input into the City’s (CDD’s) overall plan for this SPA should be extended from February 10, 2020 until after the drafted Finance Plan is released to the public. This community’s request for an input extension was previously emailed to the CDD Planning Office on 12-31, 2019 8:38 am. The final plan report (e.g., Chapter 10) should at least summarize estimated costs and possible funding from the Finance Plan that the City plans to publish and release under separate cover. The Finance Plan and summary in Chapter 10 of the final version of this drafted overall plan should include cost-benefit analyses of the various options considered and decided on by the City.

I3-15  
cont.

Example of some cost savings estimates/ideas “thinking outside the box” of the present draft SPA plan

When Sacramento’s two largest existing dilapidated, failed, and harmful PH projects here are torn down to make way for new energy efficient and effective housing construction, there is a major opportunity to realize taxpayer savings by placing a substantial number of the existing 751 PH units in other Sacramento areas with lower land costs, and profiting from selling the existing high priced acreage for market rate housing. The 751 PH units now sit on over 70 acres of some of the more expensive land in the City limits. Relocating much of the PH to other lower cost land in Sacramento could raise MANY \$MILLIONS.

Here’s a very rough and incomplete list of some other related annual cost-savings estimates for the City:

City collects about \$3000 per year per new market home on property taxes, and increased amounts on about 1000 existing nearby homes as their value subsequently increases (home values near PH projects are lower than homes further away in area). That’s \$MILLIONS.

SHRA spends millions trying to prop up these dilapidated PH units. One SHRA report documented about \$5 million for just one recent year for maintenance. That’s \$MILLIONS.

SACPD policing costs are easily \$500,000 a year on the 751 PH units alone. Counting effected neighborhood doubles that for \$1 MILLION.

The decades of very bad elementary school performance in this SPA results from the over-concentrated PH. This costs students, parents, teachers, City taxpayers and others dearly every year. There have been many less than successful but costly and frustrating attempts at improvements.

City could pull in major funds from building permits, etc. etc. – Many \$MILLIONS more.

This list is inchoate and rough, but the takeaway is clear. A final plan for this SPA must take into account limited and precious taxpayer funding, and what is most efficacious for Sacramento, including costs, possibly savings and benefits of each housing option.

Thinking “outside the box” of what the draft plan for this SPA recommends now, here’s one other idea/ rough proposal for related really positive and healthy change related to the PH overconcentration in this SPA. Fix up and maintain the somewhat nicer and historical AG PH units. Don’t demolish these old historical brick buildings, but rehab them, if it turns out to be cost effective. Remove the dilapidated unsafe MV PH units, and replace these housing units on this high cost land with market rate non-rental housing. Use the cost savings from selling the MV land for market rate homes and from rehabbing the AG brick buildings to help fund and replace this failed MV PH project with smaller and effective PH “villages” (100 or so safe, modern, and energy

I3-16

efficient PH units in any one location) integrated throughout Sacramento. This will also help create overall stability in the SPA community. Use Measure U funds to help. This SPA would still have more PH than any other Sacramento area, but could recover and thrive. In addition to cost savings and increasing tax revenues for the City, such a plan would support the fair share distribution of PH that is equitable and far more effective.

I3-16  
cont.

In any case, the final City plan for this SPA must be prepared in the context of an overall fair and cost-effective plan for such PH and other affordable housing throughout Sacramento and the region, and in relation to limited overall funding and scarce and precious taxpayer dollars.

Plan is good and cost effective to keep Land Park Woods low income apartments as is

It is good and cost effective that the new drafted plan recommends no real changes to the Land Park Woods (LPW) low income apartments in the SPA. It was wrong that in the past the City converted these apartments to all age all low-income units since this area already shouldered far more than its fair share of PH. But, these additional 75 LPW low income apartments right next to the MV PH projects have now received about \$25 million in low income tax credits and other government /taxpayer subsidies in the last couple decades. They are now pretty nice and safe, and should stay long term as is. The “Woods” in the apartment name speaks honestly to all the many and beautiful big trees preserved throughout the complex during the apartment construction, affording shade, and increased health benefits, value, and quality of life for those living there, and the surrounding neighborhood.

I3-17

In fact, the 75-unit Land Park Woods apartments serve as a good example of the smaller “village” concept of integrated low-income housing that should be integrated into many other Sacramento areas near existing established homes and neighborhoods utilizing the fair share principle of spreading out such housing throughout Sacramento City AND County. Of course, such a vision seems at odds with the present City plan for this SPA, to build higher and dense housing structures close to existing established neighborhoods. It is appreciated that the draft plan calls for building somewhat lower density and height housing units near existing neighborhood homes to reduce negative impacts including privacy. Certainly, there should also not be multi-storied (e.g., 35-foot high) buildings placed right next to the LPW low income apartments or any other existing homes in this SPA.

**Some comments, recommendations for drafted plan for other subareas in SPA and for entire SPA**

The drafted plan says the total housing units for the whole SPA will be about 4,900. The plan says the building height limits are planned for 35 ft in the AG and MV subareas, 65 ft for the Broadway area, and 250 ft for the River Gateway area. Hopefully the City officials, planners and developers will improve this community long term, not create a much higher density urban living area, yes with more housing for Sacramento but also with far more traffic and many other problems too near the old established neighborhood there, to mostly attract government low income and other subsidized affordable housing funding, and increase developer profit opportunities. The final plan including planned funding sources will help tell what this MULTI-BILLION-dollar SPA development will become.

I3-18

The drafted plan offers some exciting/positive suggestions for Miller Park. Certainly, removing the nearby petroleum tanks and relocating them outside this SPA is a major improvement! But much of the section on the Miller Park improvements are coached in tentative language, -as if much of it may not actually happen. We have seen this lack of follow-through by the City on the previous riverfront improvement plans over the decades. Neighbors are understandable skeptical on if such positive plans will ever be implemented. Sacramento leadership has a very long history of drafting plans for riverfront improvements in this area, but have seen few actual improvements. This community is also skeptical about the City politicians supporting West Sacramento’s desire to build a bridge across the river there. Such a bridge may create major problems (e.g., major increases in traffic, pollution, and noise) in and near that park area and the nearby old established neighborhood in this SPA if a larger bridge is built, and if a smaller bridge does not include ample

I3-19



space for bicycles, pedestrians, and other non-motorized transportation. Certainly, the thought of a large bridge and high rises near there with height limits of 250 feet is not advantageous to those long- term residents trying to live and raise families here, or to creating a truly improved, healthy, and tranquil park setting that often serves as an inexpensive close-by stress-reducing urban retreat for the many and for families, that are not able to spend a lot of money and time on longer and more distant vacations and “getaways”.

I3-19  
cont.

This draft plan contains a lot of fairly vague and unclear information on what will actually be built. For instance, while the draft report is chock full of specifics on such plan specifics as architectural design, street and sidewalk placements and width, etc. etc. it is far from clear if the resulting overall housing in this SPA will be an unfair and harmful high percentage of low income, rentals, and very small units. Many members of the community in this SPA have fought a lot of adversity (detailed above) over the last four decades since too much of Sacramento 's total PH housing was unfairly crammed in here. This community, nevertheless has worked extremely hard to make and maintain improvements over many decades, to make this a safe and desirable area to live long term and raise families. The plan should make it clear that such very hard work by this community and the resulting positive changes will not be diminished but increased if the final plan is implemented. More positive changes for the major problems in this SPA will take time. A 20-year long term City plan is warranted. However, as stated earlier, the real underlying causes for the present rises in homelessness and lack of affordable housing may be related more to national problems of wealth distribution, pay inequality, and other socioeconomic factors reducing our middle class and creating more folks facing poverty with desperate needs. The permanent “solutions” the City’s drafted long-term plan offers for this SPA seem to focus on much higher and dense, very small housing units with a high percentage being rentals and/or government subsidized affordable housing. In the long run these proposed permanent City government “solutions” for this SPA may cause more harm than good for this community, especially if our nation overcomes some of the larger underlying national problems, and the middle and lower economic classes are not forced to permanently lower their quality of life expectations.

I3-20

Last, this community is very concerned that when the present EIR is completed and approved (City estimating this Spring seems to be rushing it?) the City may try to make it very difficult for neighbors to have real input and alter subsequent and more specific bad plans and construction/development. The community fears that City politicians, SHRA and developers may do what is best/most profitable for them in the short term, while long term residents and taxpayers continue paying long term with increased costs and a reduced quality of life. The City should insert language into this plan and EIR that over the course of the two coming decades or longer of planning and development, further input from the effected community here will not only be allowed but encouraged. A lot of positive change for the area is needed, but is far from certain in this inchoate, often vague draft plan. Please continue to work with the effected community and seek more and more input on improvements to the actual implementation plans in the years and decades ahead.

I3-21

### I3 C.J. Chaffee January 22, 2020

- I3-1 The comment states that the WBSP is unclear on how exactly it will create a mixed income community and that public housing should be spread throughout the City. Please see Response to Comment O2-4 related to the location of public housing and Master Response 1 regarding level of detail.
- I3-2 The comment expresses the opinion that cutting down trees to build housing is unacceptable. While it is possible that the redevelopment of Alder Grove and Marina Vista could include tree removal, there is not currently a proposed site plan. Additionally, City Code Chapter 12.56 provides clear standards for protection, removal, and replacement of city trees and private protected trees. Tree permits required for discretionary projects under Title 17, are subject to the same notice, hearing, and appeal provisions applicable to the Title 17 discretionary permit. A tree replacement plan required for a project must provide for the replacement of trees at a ratio of one-inch diameter at standard height (DSH) of tree replaced for each inch DSH of tree removed (1:1 ratio). Tree replacement options include on-site and off-site replacement; payment of an in-lieu fee; and credit for preservation of existing trees on the same property that are smaller than a private protected tree removed. WBSP Policy HR-1.4 also requires a landscape treatment plan for future redevelopment of Alder Grove that will retain as many existing trees as feasible and require comparable replacement of trees to those proposed for removal.
- I3-3 The comment states the Draft EIR is incomplete because it does not address socioeconomic issues. Please see Master Response 2.
- I3-5 The comment provides introductory text and an overarching expression of support for planning of the Specific Plan Area. The comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP.
- I3-6 The comment provides a summary of homelessness, notes that affordable housing comprise 34 percent of the total potential build-out of the Specific Plan area, and the City needs to create a true mixed income neighborhood. Please see Response to Comment O1-5.
- I3-7 The comment includes background of the Alder Grove and Marina Vista public housing developments, states that the concentration of public housing creates numerous socioeconomic problems, and that the WBSP should reduce the amount of public housing in the area. Please see Responses to Comments O1-5 and O2-4 related to the concentration of public housing and Master Response 2 for a discussion on socioeconomic analysis and CEQA.
- I3-8 The comment lists various social and environmental statistics for the Specific Plan area. These statistics are existing conditions and not an effect of the project. The comment also states that there is no discussion of I-5 and its associated pollution. Please see Response to Comment L2--17 for further clarification and explanation of why CEQA does not require the analysis and mitigation of the impact of existing environmental conditions on a project's future users or residents.
- I3-9 The comment states that the EIR must include socioeconomic considerations. State CEQA Guidelines Section 15131(a) provides that economic or social effects of a project shall not be treated as significant effects on the environment. However, economic and social effects may be

considered if they create a physical impact to the environment (Section 15131(b)), as noted in Master Response 2. The comment provides no detail on which physical impact is believed to be caused by an economic or social effect of the project. No further response is required.

- I3-10 The comment describes problems associated with underfunded programs for the Alder Grove and Marina Vista public housing developments, states that the City's 2015 conclusion that the housing developments are uninhabitable needs to be included in the WBSP, and requests that the percentage of public housing in the Specific Plan area be reduced. Please see Response to Comment O1-5 related to the concentration of public housing and Master Response 3 for a discussion of on the WBSP proposal for Marina Vista and Alder Grove, including the Rental Assistance Demonstration program referenced in the comment.
- I3-11 The comment questions how the public housing developments will be transitioned into mixed income areas and requests a more detailed housing plan. Please see Master Response 3.
- I3-12 The comment expresses the opinion that trees should not be cut down to build housing. Please see Response to Comment I3-2.
- I3-13 The comment states that the WBSP should include larger housing units, a larger percentage of market-rate apartments, and owner-occupied homes to create a mixed income community. Please see Master Response 3.
- I3-14 The comment states that the WBSP should require single-story housing adjacent to the existing neighborhood and then increased heights as development moves closer to Broadway. Please see Response to Comment O3-4.
- I3-15 The comment states that the WBSP is very general and that the comment period for the WBSP should be extended until the finance plan is released. Please see Master Response 1 regarding level of detail. The comment period in question is related to the plan and does not address the adequacy of the EIR analysis or the EIR comment period; no further response is required. The comment is included within the record for consideration as part of the WBSP.
- I3-16 The comment presents examples of cost savings for the WBSP. The comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP.
- I3-17 The comment expresses support for the WBSP's approach to the Land Park Woods area. The comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP.
- I3-18 The comment summarizes development limits for the WBSP and requests the City not create much higher density. The comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP.
- I3-19 The comment expresses support for the WBSP's approach to Miller Park. As noted under Response to Comment O1-3, the proposed Broadway Bridge is a separate project from the WBSP, and is appropriately evaluated as a cumulative project. Because the Broadway Bridge is a separate project, this EIR cannot propose changes to it because it is outside the scope of this project. The comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP. The comment also expresses skepticism related to the proposed Broadway Bridge.



- I3-20 The comment states that the WBSP contains vague information on what will be constructed and that increased density could exacerbate the existing problems in the Specific Plan area. Please see Master Response 1 related to level of detail and Master Response 3 for a discussion of on the WBSP proposal for Marina Vista and Alder Grove.
- I3-21 The comment expresses concern related to public input on future proposals for the Specific Plan area. As described under Master Response 1, this EIR is a programmatic EIR. As development is proposed within the Specific Plan area, the City would evaluate each proposed development for consistency with the WBSP and determine the appropriate review required by CEQA. Regardless of any review that could occur pursuant to CEQA, development proposals would be subject to review for consistency with the general plan and specific plan and other City requirements, with appropriate hearings.

**From:** [cjchaffee@comcast.net](mailto:cjchaffee@comcast.net)  
**To:** [Ron Bess](#)  
**Cc:** [Helen Selph](#)  
**Subject:** Summary of EIR input on West Broadway Specific Plan  
**Date:** Wednesday, February 19, 2020 7:55:00 AM

Letter  
I4

Dear Mr. Bess,

Thank you and your team for your work on the long term West Broadway Specific Plan, and your specific work on the related environmental impact. Our total input document covering both the draft plan and the EIR from some long term home owners living near the overconcentrated, dilapidated, and very problematic public housing projects (and the 75 units low income apartments right next to those) were previously sent to Helen Selph. We assume Helen shared all those combined and interrelated comments with you. We recommend you also read that one longer document with our combined input.

But, below is a summary of the most important input most focused on just the draft EIR. As you likely know this little neighborhood where we live and raise our families contain 751 public housing units representing almost a half of all such SHRA units in the ENTIRE CITY limits! This failed and prejudice past government practice of overconcentration has created major and very costly problems for the public housing tenants, the nearby neighbors, and the taxpayers for MANY decades, and are pertinent to a complete and effective review of such socioeconomic related environmental factors.

We also look forward to reviewing and providing input on the draft finance report when it is released. It is likely that draft financing information will raise further concerns/input on the draft plan and EIR.

Please let us now if you have any further related questions, etc. Thank you, Helen, and your team. Here's summary of information previously shared with Helen that is most pertinent to the EIR.

I4-1

**This plan and EIR should clearly state the fact that this SPA already contains far too many housing units for those with extremely/very low incomes, and that such over-concentrations are harmful. The plan should state that there will be a substantial reduction in the number of existing extremely low/very low income housing units in this SPA to combat the historically prejudiced overconcentration of such public housing in this tiny Sacramento area; it is no coincidence that it was one of the very limited areas in Sacramento that persons of color could buy/own homes well into the 1950's. The plan should state that this substantial reduction in the overconcentration of poverty (i.e., extremely and very low income housing) will be accomplished by integrating that substantial portion of that housing in other Sacramento areas with little to none utilizing fair share principles.**

**Modern research/evidence is clear: (e.g., HUD Evidence Matters – Understanding Neighborhood Effects of Concentrated Poverty:**

<https://www.huduser.gov/portal/periodicals/em/winter11/highlight2.html>  
[https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_www.huduser.gov\\_portal](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.huduser.gov_portal)

Placing too much public housing in one little area results in major problems. Neighborhoods of concentrated poverty isolate their residents from the resources and networks they need to reach their potential and deprive the larger community of the neighborhood's human capital. Research shows cramming too much PH in any one area – overconcentration- creates communities with serious child neglect, crime, delinquency, unemployment, substance abuse and other mental health disorders, and other major and costly problems that, in turn, further restrict the opportunities of those growing up and living in them. It's warehousing those in need. The impacts of neighborhood poverty rates on creating these problems increase rapidly if a neighborhood exceeds about 20 percent poverty. It appears but is not clear that this plan will result in far greater than 20 percent of all housing units still being for those facing poverty. The plan should provide an estimate of the overall percentages of the estimated 4,900 units that will be for those with extremely low income, very low income, etc.

I4-2

Here's more detail on just one problem mentioned above -crime. Cramming both of Sacramento's two largest two PH projects into this one little Sacramento area has added substantially to high crime rates in this area for MANY DECADES. The online SACPD crime mapping tool documents the following types of serious crimes in these two PH projects in just the past year. There are about 300 listed, many often, many major, costly, and very harmful crimes:

Homicide, Attempted Homicide of Police officer, Possession/ Sales Opiates/Narcotics, Harassment, Child Assault/ Sex activity, Willful Cruelty to Children, Child Custody, Threat/Intent to Terrorize, DUI , Access Card Fraud, Felony Possession Ammo, Gang Activity, Robbery, Possession Stolen Vehicle, Assault W/ Caustic Chemicals, Petty Theft, Battery Civilian, Willful Disobedience, Vandalism, Danger to Self/Others, Resisting Peace Officer, Harassment, Inflicting Injury on Child, Casualty Report, Found Stolen Property, Possession/Sales Controlled Substances, Domestic Violence, Trespassing/Prowler, Vandalism>\$400, Fraud/Bunco, Assault with Weapon, Battery, Drug Paraphernalia, Burglary Vehicle, Burglary Residence/Forced, Trespassing After Notice, Used Forged Card, Violated Protective Order, Found Property, Brandish –Non Gun, Child Assault/Sex Activity, Possible Financial Crime, Missing Person, Take Vehicle W/O Owner ,Theft – License Plate, Auto Theft Location, Trespassing/Prowler, Domestic Violence, Robbery, US Theft of Mail, Forcibly Steal/Take, Brandish Firearm, Arson of Inhabited Structure, Hit/Run Injury, Shooting in Occupied Dwelling, Willful Disobedience, Hit Run -with Injury/Death, Parole Violation.

SACPD and others (e.g., UC Davis Study) report that many crimes go unreported in these two dilapidated and over-concentrated PH projects for fear of retaliation, so these crime counts are conservative. The police can only really mop up/react to the underlying problem – the overconcentration of poverty/PH in this one little area of Sacramento that has caused a bad environment to live in, and major and costly problems for the surrounding community and taxpayers. SACPD reports that crime in the surrounding neighborhood is also higher. And the costs to SACPD decade after decade to respond and stand in harm’s way to such crimes are very high.

I4-2  
cont.

Without this SPA plan providing such information on these present and long-term major and costly problems, the context and purpose of proposed changes made in the plan are not clear and really understood. Therefore, the draft plan is not focused on the best really effective housing and community vis a vis the full range of environment challenges.

In 2016, the State Office of Environmental Health Hazard Assessment (OEHHA) ranked the area contained in the SPA as among the most polluted and negatively impacted by socioeconomic challenges in the entire County and State. OEHHA develops problem indicator scores related to its environmental health hazard risk assessment work. The following are specifics: Impaired Water -97%, Hazardous Waste 94%, Groundwater Threats 93%, Rent Adjusted Income 93%, Unemployment 89%, Poverty 86%, Traffic 83% and Diesel 83%. OEHHA also said other high pollution burden percentile scores can be related to a number of factors including but not limited to the I-5 freeway on the west side of this tract/neighborhood. We did not see anything in the draft EIR about the I-5 freeway pollution, and that placing so much housing - much for the less fortunate with many children with other existing health risks -next to such pollution is unhealthy and costly in the long run. The overconcentration of PH in this area drives OEHHA’s indicators of high poverty and unemployment. This OEHHA work/these findings have previously been shared with the City CDD Office. All these very negative environmental findings should be mentioned in this plan and EIR, and help drive the plan’s conclusions and recommendations for improvements in this SPA.

I4-3

This draft EIR fails to include/address all/most of the bad socioeconomic environmental health hazard conditions that OEHHA says are extremely bad for those living and growing up in this area. We consulted with a Yale and Stanford educated lawyer very knowledgeable in EIRs. He advises that an effective and complete EIR for this SPA must also include socio-economic considerations:

*“In general, the issues you cite are right within CEQA, which requires a close look at any “project” that might have an impact on the environment. Environment has been broadly defined, much to the dismay of developers and, indeed, government agencies trying to do things.”*

I4-4

*“There’s some controversy about whether CEQA covers socioeconomic impacts, but there is authority that they’re covered. This is from the CalTrans Handbook: Economic or social effects of a project may be used to determine the significance of physical changes caused by the project. Although primarily directed at physical changes, CEQA regulations require that socioeconomic consequences of the physical change be analyzed. This means evaluating the impacts on an existing community, on religious practices, and on business activity brought on by the physical changes directly related to the project. For additional information regarding social and economic effects, please see Volume 4 of the Environmental Handbook, for example: <http://www.dot.ca.gov/ser/vol1/sec5/ch36eir/chap36.htm#required> .”*

Moreover, the plan should be changed to save as many of these large trees as possible, even if it means reduced housing densities. “Alder Grove” speaks proudly of the ample trees in this area of the SPA. Ample green space should also be maintained. These mature shade trees and open green spaces add substantially to health benefits, property values, and quality of life for those in this community. The MV subarea is already crammed in right next to the I-5 Freeway with substantial air and noise pollution. These facts are not mentioned in the plan and EIR, and should be. The Sacramento Tree Foundation and many others advise that such mature trees help significantly with such pollution and noise. They also inform that those living in lower economic areas suffer from far less mature shade trees in our hot and getting hotter region. While the draft plan calls for planting new replacement and other trees, again, receiving and enjoying the many benefits of larger established trees would take many decades. Therefore, this present drafted proposed plan is unfair and insensitive to major populations the City is trying to help.

I4-5

Neighbors have lost trust with the City related to the issue of valuing and saving as many larger trees as possible. For example, in the last several years a developer rushed to cut down almost all trees on the parcel of land next to the I-5 freeway that is immediately south of the SPA and just west of the land with the oldest home in the whole general Land Park area. Noise from and sight of the endless vehicles on I-5 has increased substantially, decreasing the value of nearby properties and the health benefits and quality of life for nearby neighbors. Almost three years later the land is still undeveloped, and left -now- clear-cut.

**I4** C.J. Chaffee  
February 19, 2020

- I4-1 The comment provides introductory text and states that overconcentration of public housing in the neighborhood has created problems. The comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP.
- I4-2 The comment states that the concentration of public housing creates numerous socioeconomic problems and that the WBSP should reduce the amount of public housing in the area. Please see Responses to Comments O1-5 and O2-4 related to the concentration of public housing and Master Response 2 for a discussion on socioeconomic analysis and CEQA.
- I4-3 The comment lists various social and environmental statistics for the Specific Plan area. These statistics are existing conditions and not an effect of the project. The comment also states that there is no discussion of I-5 and its associated pollution. Please see Response to Comment L2-17.
- I4-4 The comment states that the EIR must include socioeconomic considerations. See Response to Comment I3-9.
- I4-5 The comment expresses concern related to cutting down trees to build housing. Please see Response to Comment I3-2.

**From:** [Susan Manuel](#)  
**To:** [Steve Hansen](#); [Ron Bess](#)  
**Subject:** comments on Draft West Specific Plan  
**Date:** Wednesday, February 19, 2020 7:25:25 PM

Letter  
I5

Dear Mr. Hansen and Mr. Ron Bee,

I am a resident of Upper Land Park. I oppose the City's proposed development plan to transform 244 acres south of Broadway to McClatchy and Vallejo Way. This community cannot and should not have to support increased public housing units. We **do not** want to eliminate the current public housing, but rather LIMIT the public housing in our area. Next, you do not address the "type" of different housing you propose. How much is rental vs. ownership? Have you done a study of traffic and it's impact on our streets? Also, by doubling and tripling public housing on the 2 parcels (Marina Vista and Alder Grove), you are segregating minorities. You want to keep ALL Minorities in one section of the City. As a minority I am offended.

I5-1

I ask that you commit to planned studies that include environmental effects, traffic congestion, increased public housing and segregation.

thank you, Susan Sidhu-Manuel

**I5** Susan Sidhu-Manuel  
February 19, 2020

- I5-1 The comment questions the types of different housing in the Specific Plan area, the location of public housing, and if traffic studies have been completed. See Master Response 3 related to a housing strategy and number of public housing units. Please see Response to Comment O2-4 related to location of public housing. The analysis in Section 4.12, "Transportation and Circulation," was based on existing conditions, cumulative roadway volumes, and transportation modeling results prepared by Fehr & Peers. The traffic technical appendix can be found in Appendix G of the Draft EIR.

**From:** [Kimberlee Moravick](#)  
**To:** [Ron Bess](#)  
**Subject:** Upper Land Park - West Broadway Plans  
**Date:** Tuesday, February 18, 2020 6:19:52 PM

<b>Letter I6</b>
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I am a resident of Upper Land Park writing to express my extreme concerns regarding the Proposed transformation of 244 acres south of Broadway to McClatchy & Vallejo Way: west to river, including Miller Park/Marina and area north of Broadway, south of Highway 50 in my neighborhood.

I am concerned about the proposed tremendous increase to the density of housing, the high traffic that will be diverted directly onto the Broadway corridor, the lack of plans for public elementary, middle, and high schools to support the increased population, and the entire lack of services (grocery stores) in the proposals. Additionally, as a neighborhood it is important to have adequate community and open/park space and none of this information is shared in the current proposal.

I6-1

Upper Land Park currently has a disproportionate amount of public housing for our neighborhood compared to other neighborhoods in Sacramento. The city needs to LIMIT but IMPROVE the public housing in this development.

The language of the types of Housing prosed to be built needs to be specifically outlined for the community to evaluate.

I6-2

Proper zoning, compatible with the existing neighborhood needs to be included in the plan. This should include LOW-density residential homes, duplexes and no commercial developments more than 35 high.

Our neighborhood would like to see detailed information on traffic impacts to our neighborhood, with specific information regardng the proposed Broadway Bridge, bike lanes, pedestrian zones, public transit etc....we would like the traffic dispersed onto W & X Street to reduce traffic. Considerations for roundabouts need to be shared along with an analysis of the Safety Issues that may arrive due to the increased housing density as it relates to crime and traffic.

I6-3

As a long time resident of Upper Land Park and an employee of SCUSD, these are all real concerns and issues that need to be addressed by the City of Sacramento.

Kimberlee Moravick-Cheng

**I6** Kimberlee Moravick-Cheng  
February 18, 2020

- I6-1 The comment expresses a concern over lack of details related to traffic, schools, grocery stores, and parks. The comment is general in nature, and does not identify specific issues in the Draft EIR. The WBSP is designed to facilitate future development in the city and serve as a bridge between 2035 General Plan and the Land Park and Central City Community Plans. The WBSP would support and further existing general plan policies by encouraging the development of vacant or underused parcels within the existing urban fabric. It also would provide expanded opportunities for access to multimodal transportation options by providing for the enhancement of the pedestrian, bicycle, and transit networks throughout the Specific Plan area. In addition, the WBSP provides policies to encourage development of neighborhood amenities, such as grocery stores, neighborhood-serving retail, and parks and open space. Please see Master Response 1 regarding level of detail.
- I6-2 The comment states that Upper Land Park has a disproportionate amount of public housing and that the WBSP needs to clarify the types of housing proposed. See Master Response 3 related to a housing strategy and number of public housing units.
- I6-3 The comment states that more information is needed for various traffic considerations. Impacts related to bike lanes, pedestrian zones, and public transit are described under Impacts 4.12-4, 4.12-5, and 4.12-6, respectively, beginning on page 4.12-38 of the Draft EIR. Please see Response to Comment O1-3 related to the proposed Broadway Bridge. Please see Response to Comment O1-4 regarding traffic safety analyses.



**From:** [Michael Rock](#)  
**To:** [Ron Bess](#); [Steve Hansen](#)  
**Subject:** West Broadway Draft Specific Plan  
**Date:** Sunday, February 16, 2020 9:22:16 PM

<p><b>Letter 17</b></p>
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To the City Environmental Planning Services:

Please include my comments in the official record for the West Broadway Specific Plan EIR.

My wife and I have lived in Sacramento since 1985 and bought our home on Muir Way in 1994 and have lived and invested a great deal of our time and money in our Land Park property. We love living in Land Park and would not choose to live anywhere else.

I7-1

We live on Muir Way just past McClatchy Way and thus understand the New Helvetia Historic District quite well. We support public housing and affordable housing in our neighborhood. My understanding is there are currently 751 public housing units on Broadway and Muir Way just about two blocks from our home. We have lived peacefully and with few problems from public housing residents. Our concerns for this project are:

1. The proposed addition of 859 units of public housing in our neighborhood is putting the entire burden of public housing on the Land Park area of the City and basically no where else. This does not seem equitable and raises questions about the intensity of the density. Traffic was such a problem on Muir Way more than ten years ago that the City finally installed speed bumps which we really appreciate. Increasing the housing and the density in Land Park will be a real challenge for the high volumes of traffic that already exist on Broadway, Land Park Drive, Muir Way and Riverside Drive.

I7-2

***Please reconsider the density (which adds nine to ten thousand new residents in our neighborhood) and lower the overall density (by at least thirty percent) of public housing and affordable housing units in the West Broadway Specific Plan so that all the residents of Land Park can continue to enjoy a high quality of life and preserve a long and hard fought truly great neighborhood.***

2. The proposal to have Muir Way be connected to Eighth Street and to deliberately direct traffic down Muir Way is a terrible idea and will increase traffic volumes on Muir Way. There are already hundreds of units of public housing on Muir Way in the Alder Grove part of the property owned by SHRA which means there is already considerable traffic on Muir Way especially between McClatchy Way and Broadway. Encouraging traffic from Eighth Street all the way through to Muir Way has never been done before because it would completely change Muir Way and all of Upper Land Park traffic volumes and patterns of travel.

I7-3

3. The proposed bridge connecting Sacramento and West Sacramento on Broadway seems like a good idea until you read the West Broadway Specific Plan which eliminates a travel lane of traffic in each direction on Broadway at the same time the City proposes to increase traffic by building a bridge and creating a direct line of travel down Eighth Street which then would turn into Muir Way.

***How can you eliminate lanes of travel on Broadway and build a bridge and connect Eighth street to Muir Way all at the same time without creating a significant increase in traffic along Broadway, Eighth Street, Muir Way, Riverside Blvd, and Land Park Drive?? We are having a great deal of trouble understanding the logic of the Specific Plan as it relates to traffic and service levels at key intersections.***

I7-4

Thank you for your consideration regarding our concerns for this West Broadway Specific Plan. We support public and affordable housing but also want to have equity with all neighborhoods in Sacramento and not have the entire burden of public housing or affordable housing for the City be in Upper Land Park.

Sincerely,  
 Michael Rock and Courtney Krakie  
 2765 Muir Way  
 Sacramento, CA 95818

**17** Michael Rock  
February 16, 2020

- 17-1 The comment provides introductory text in support of public housing and affordable housing. The comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP.
- 17-2 The comment expresses concern over residential density and traffic. Please see Response to Comment O1-2.
- 17-3 The comment expresses concern over the new connection of Muir Way to Eighth Street. Muir Way is currently a collector roadway; the realignment of Muir Way to connect directly into 8th Street at Broadway would not exacerbate traffic, in and of itself, but would eliminate the clustered intersection signal timing that currently exists between the intersections of Muir Way / Broadway and 9th Street / Broadway. The comment does not address the adequacy of the EIR analysis, and no further response is required within the context of CEQA.
- 17-4 The comment states that the WBSP eliminates a travel lane of traffic in each direction on Broadway. This configuration is not a component of the WBSP. As described on page 2-6 of the Draft EIR, the Complete Streets Plan for Broadway, being led by the City, will revise the configuration of Broadway within the Specific Plan area from two lanes in each direction to one lane in each direction and a center turn lane. The comment does not address the adequacy of the EIR analysis but is included within the record for consideration as part of the WBSP.



tolerable. Other neighborhoods of Sacramento will be better able to absorb the traffic impacts, especially if constructed near easy access to public transportation. | 18-3  
cont.

We also want to briefly discuss the bridge project even though it is being analyzed in a separate analysis. Information that is currently available shows the bridge will discharge traffic onto Broadway. Further, Broadway is likely to be reduced to one lane traffic in each direction. This alone will have significant adverse effects on traffic in the Land Park neighborhood. We encourage you to consider discharging traffic from the West Sacramento bridge onto X Street and not onto Broadway. | 18-4

We also want to point out that the current dwelling units along Muir Way are historic structures. When anybody else would propose demolishing such structures, strong opposition would be presented by many, including the City of Sacramento. However, when it is a pet project of the City of Sacramento's bureaucracy, we find it ironic how historic preservation laws and policies are ignored by the City of Sacramento. | 18-5

The plan as presented has a drastic adverse impact on the quality of life of those of us in the Land Park neighborhood. The impacts on crime and on traffic will be severe and are not accurately analyzed. Further, other alternatives considering other neighborhoods were not considered in the analysis. | 18-6

We strongly encourage you to take a harder look at the impacts the current proposal will cause on the existing Land Park neighborhood and to look at alternatives that spreads this large increase in the number of dwelling units to other neighborhoods in addition to Land Park. Failure to do so we view as an insult to the Land Park taxpayer base. Thank you for your consideration. | 18-6

Sincerely

Dan Tibbitts

Florence Tibbitts

cc. City Council Member Steve Hansen

**18** Dan and Florence Tibbitts  
February 20, 2020

- 18-1 The comment states that there is a disproportionate amount of low-income housing in the Land Park neighborhood and other areas of the City should be considered. Please see Responses to Comments O1-5 and Master Response 3.
- 18-2 The comment states that doubling the density of low-income housing would result in increased crime. The WBSP does not propose the addition of a specific amount of housing but a change in zoning and land use designation. The Draft EIR evaluates the potential impacts associated with a reasonable projection of future development that may occur consistent with the proposed land use and zoning designations. As discussed under Responses to Comments O1-5 and O2-4, WBSP policy H-2.1 directs future redevelopment at Marina Vista and Alder Grove to: "Provide replacement housing for the existing 751 public housing units serving the residents of Marina Vista and Alder Grove at a one-to-one ratio." Future project development plans at Alder Grove and Marina Vista, market conditions, and future funding strategies will determine the mix of affordable and market rate housing that will be needed to support the redevelopment of these communities. See Master Response 3 for further clarification. The comment does not address the adequacy of the EIR analysis, and no further response is required within the context of CEQA.
- 18-3 The comment states that the WBSP and associated Draft EIR do not address crime. Please see Master Response 2 related to socioeconomic issues, including crime. The comment also requests that the allowable densities of the WBSP be reduced to reduce traffic volumes. The comment does not address the adequacy of the EIR analysis, and no further response is required within the context of CEQA. The commenter's preference for Alternative 3 versus the proposed WBSP is acknowledged.
- 18-4 The comment states that the City should consider discharging traffic from the West Sacramento bridge onto X Street and not onto Broadway. Please see Response to Comment O1-3.
- 18-5 The comment incorrectly states that the City is ignoring historic preservation laws and policies. The 2035 General Plan Policy HCR 2.1.15 provides, "The City shall consider demolition of historic resources as a last resort, to be permitted only if rehabilitation of the resource is not feasible, demolition is necessary to protect the health, safety, and welfare of its residents, or the public benefits outweigh the loss of the historic resource." The general plan policy is followed; the City complies with the City Code requirements regarding review for historic resources. See also Response to Comment O2-5.
- 18-6 The comment provides closing text. The comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP.



<p>Letter 19</p>
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Date: March 9, 2020

To: Helen Selph, Associate Planner  
 City of Sacramento  
 Community Development Department  
 300 Richards Blvd. 3rd Floor  
 Sacramento, CA 95811

Re: Comments regarding the West Broadway Specific Plan

Thank you for the opportunity to comment on the proposed West Broadway Specific Plan (WBSP). JCH Research is a local consulting firm focused on neighborhood economic development, developing strategies for poverty intervention and understanding barriers to implementing climate change policies at the neighborhood level. JCH Research submits these comments following the review of the WBSP, the accompanying Environmental Impact Report dated December 2019, and attendance at local WBSP workshops and presentations. This review focuses on four key areas: historic preservation, traffic and circulation, environmental concerns, and conformity with the City General Plan.

I  
 19-1  
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**Historic Preservation:**

The proposed WBSP calls for the demolition of the New Helvetia Historical District. The importance of this site, listed on the National Register of Historic Places, cannot be overstated. During the early years of the City’s development, residential segregation on the basis of race was a primary urban planning technique used to isolate nonwhite residents from its more affluent white residents. As a result, Sacramento’s nonwhite residents were forced to reside only where racial restrictions allowed them to reside, a social and economic process with intergenerational outcomes that continue to divide the City’s residents today. New Helvetia was one site where such racial restrictions on residency was enforced. An important civil rights struggle, one with a profound legal impact at the national level, took place at the New Helvetia site. The resulting court case overturned segregation policies in the City’s public housing projects and became a foundational piece of housing discrimination litigation across the country. The importance of this case and this site is a primary reason it was listed on the National Register of Historic Places and indicates its cultural and social value to the City as well as the nation. The City needs to provide residents with clear information on how it determined that demolition has a higher priority than preservation without consideration of reasonable alternatives.

I  
 19-2  
 |

The WBSP references an SHRA "Historic Preservation Strategy Review" report completed in 2015, but the proposed plan fails to include any details about the report. The historic preservation strategy completed by SHRA consultants in 2015 recommended to retain at least one-half to three-quarters of the existing historic buildings and add housing density by removing only some of the historic buildings. Page & Turnbull, the consulting firm used by SHRA, noted that “For a property to be eligible for national

or state designation, the essential physical features (known as character-defining features) that enable the property to convey its historic identity must be evident. These distinctive character-defining features are the physical traits that commonly recur in property types and/or architectural styles. To be eligible, a property must clearly contain enough of those characteristics to represent its significance, and these features must also retain a sufficient degree of integrity. Characteristics can be expressed in terms such as form, proportion, structure, plan, style, or materials.” (page 12). Against this professional advice, the WBSP recommends demolition of all historic buildings in the New Helvetia Historic District.

To mitigate the destruction of this historic site, the WBSP suggests placing "monument" signs throughout the development that discusses the history of Nathaniel Colley. The WBSP recommendation of monument signs to mitigation for complete demolition of New Helvetia was rejected by the community at the City's Community Workshop and clearly does not meet the Secretary of Interior's Historic Standards. In contrast, the WBSP recommends the repurposing of two building associated with the non-historic Sacramento Farmers Market located on 3rd and 5th Streets that “will be adaptively re-used as a food and market hall and a community center for the Mill Project.” Since the demolition of the site was not proposed by its residents, the standards and data used to arrive at the need for complete demolition of this historic site need to be revealed as part of the community engagement process. Without knowing how the City arrives at decisions presented in the WBSP, there is no effective way for community members to truly participate in the process and again calls into question the techniques used by the City to meet their community engagement requirements.

I9-2  
cont.

Recommending the demolition of the New Helvetia Historic District clearly does not meet the Secretary of Interior's Preservation Standards and directly ignores the important historic value of the site. The historical designation really means that a significant event took place at New Helvetia; the knowledge of which must be preserved for the cultural and social benefit not just of the Sacramento community but for the nation. The question here is what criteria is the City using to justify total demolition? And who determines if such a priority is greater than that expressed by the residents and the Federal Department of the Interior? What metrics are used to arrive at that decision and have these metrics been presented to the residents? Community engagement activities have not conveyed any metrics for protection and therefore fail to meet the true intent of any community participation requirements. The WBSP states that SHRA must follow state and federal rules, however, the WBSP states all site buildings will be demolished. Since these directives are in conflict with each other, which directive does the public evaluate? Again, without any clear direction on how such a proposal can be fairly evaluated, the public engagement process used to provide input for the WBSP remains questionable at best. How do residents actually determine if demolition of the site is in their best interests? What criteria do they use to make this assessment?

**Traffic and Circulation**

The WBSP calls for increased traffic flows through a nationally significant civil rights historical site as a way to mitigate future traffic congestion from increased auto use along the Broadway corridor. It is clear from the EIR that the WBSP will result in higher levels of traffic congestion, which will only worsen in the future as density increases. Also, the WBSP encourages increased vehicle miles traveled by attempting to ease congestion anticipated from the Broadway Bridge, improved employment opportunities in the Downtown Grid, activities at the Golden One Arena and from the future Waterfront revitalization plans. In contrast to the EIR and WBSP, the current and future traffic problem results from planning decisions, not from uncontrollable inevitable urban growth. The consequences of economic growth must not be seen as collateral damage that cannot be prevented but instead as planning choices where economic decisions take priority over the needs and protections of residents.

I9-3



Traffic problems produced by WBSP activities will also increase rates of greenhouse gas emissions in a census tract that has one of the highest vulnerability rates in the state for exposure to harmful airborne pollutants as well as traffic congestion. The proposed Muir Way alignment, the 8th Street connector and new traffic corridors through the New Helvetia historic site encourages increased auto use. As a result, WBSP increases air pollutants in an already environmentally fragile location; CalEnviroScreen 3.0 data make this abundantly clear. Moreover, this portion of the Specific Plan clearly conflicts with the intent of state climate change legislation, which calls for sustainable community strategies and protections for disadvantaged communities. This transit plan does not reflect the state mandate for sustainability planning or protecting vulnerable disadvantaged residents at risk of even more exposure to environmental hazards created by development under the WBSP. Please refer to the provisions of AB 32, SB 375, SB 535, AB 1550, SB 743 and SB 1000. Together, this bundle of state mandates specifically directs local governments to pursue investments in development that reduce the effects of climate change, reduce vehicle miles from fossil-fueled vehicles, and ensure proper environmental and social protections for administratively designated disadvantaged communities. Census Tract 22 is one such designated location. It is unclear how the WBSP actually incorporates the requirements of these legislative mandates. It is also unclear how the City can approve plans for development that conflict with these legislative directives. What are the factors that allow the city to make such decisions and how can residents equitably participate in these public decisions so that the public protections provided to them by state legislation are fully considered?

The WBSP acknowledges that its new recommended street grid would negatively impact the New Helvetia Historic District. It suggests that the impact cannot be mitigated because the need for more "connectivity" to the larger community is a priority. A similar approach of using racially segregated residential space to mitigate the need for increased traffic flows was used just one block north of the New Helvetia site. During the urban redevelopment period of the 1950s-1970s, new freeways were constructed to facilitate increased traffic flows to Downtown and bring connectivity from the east and west to the newly revitalized central business district. Interstate 5 cuts through Census Tracts seven and eight where hundreds of Japanese and Mexican households were displaced. The I-80 West/Highway 50 East connector, initially planned to run along Q Street east towards Folsom, was rerouted to run through Census Tracts 21 and 19, which at the time of freeway construction was home to the largest African American population in the city. Although not on a scale as large as freeway construction, the WBSP similarly uses racially segregated public housing to mitigate the need to increase downtown traffic flows that benefit the economic growth of others.

The WBSP notes that community engagement data shows residents wanting to feel more connected, a need the WBSP mistakenly assumes is met through the new traffic design. Here it is important to point out an important misinterpretation of the resident feedback seeking "connectivity" on the part of the city and its consulting team. It is difficult to understand that residents are requesting increased traffic of fossil-fueled vehicles at their front door from short cuts intended to mitigate administratively created traffic congestion. A more logical interpretation of the resident request for connectivity is that residents are seeking access to public resources that provide pathways for social and economic mobility so that their stay in public housing is transitional and temporary.

#### **Environmental Impacts**

The Environmental Impact Report for the WBSP states that development in accordance with the Specific Plan will increase emissions of ROG, NOX, PM10, and PM2.5. These emissions will exceed thresholds established by the Sacramento Metropolitan Air Quality Management District (SMAQMD). Therefore,

I9-4



activities proposed in the WBSP would result in violations of existing air quality standards. The EIR anticipates that the total emissions attributable to growth allowed within the Specific Plan Area would exceed the applicable thresholds for ROG, NOX, PM10, and PM2.5 and represent a considerable contribution to cumulative air pollutant emissions. The EIR states that the impact would be significant.

CalEnviroScreen 3.0 data ranks this location (Census Tract 22) in the 83rd percentile in terms of traffic congestion, a ranking that is considerably high – meaning that the census tract has higher traffic congestion than 83 percent of the census tracts in California. Clearly, the WBSP proposal that encourages higher emissions in a location already identified as problematic should leave any resident with this information cause for concern. The WBSP transportation plan decreases the Levels of Service from A to F at the peak p.m. hours and does not mitigate either traffic or pollution increases that result from this plan. Adding to this negative impact, the EIR states that the intensification of development and redevelopment activities from the Specific Plan can contribute to cumulative air quality impacts in the area, which again, would result in emissions that exceed SMAQMD thresholds. Impacts from development under the WBSP would therefore be cumulatively considerable as well as significant. As previously stated above, the failure to address environmental concerns simply ignores the requirements of the previously noted legislative. At this point, it would be important for residents to understand the decision criteria that allows the City to place the WBSP in a position of higher priority than the mentioned legislative mandates.

I9-4  
cont.

**Conformity with General Plan**

The City’s General Plan provides residents as well as developers and investors in the built environment with a collection of policies and directives to follow in the development process. This plan provides a system of order to ensure a carefully planned urban settlement that considers an equitable as well as a sustainable quality of life. But how can residents be sure that the City is adhering to these policies? Specific Plans, in theory, should be in sync with the General Plan. But a cursory review of how the WBSP fails to acknowledge the General Plan is revealed in this small sample of General Plan goals and policies.

GOAL LU 2.4 of the 2035 General Plan seeks to create a “City of Distinctive and Memorable Places” by promoting community design that produces a distinctive, high-quality built environment whose forms and character reflect Sacramento’s unique historic, environmental, and architectural context, and create memorable places that enrich community life. Similarly, Policy LU 2.4.1 seeks to provide residents with a “Unique Sense of Place” and states that the City shall promote quality site, architectural and landscape design that incorporates those qualities and characteristics that make Sacramento desirable and memorable. Finally, Policy LU 2.4.2 states that the City shall require building design that respects and responds to the local context.

I9-5

Demolition of the New Helvetia public housing site, a nationally recognized historical site, does not consider any of the above provisions of the General Plan. The destruction of a nationally registered historical landmark that memorializes civil rights recommended by the WBSP fails to recognize the City’s public commitment to equity for all of its residents. Sacramento residents recognized the importance of New Helvetia by successfully obtaining recognition for the New Helvetia Historical District on the National Register of Historic Places. The legacy of the nationally recognized historic district is tied to the housing and reintegration of the poor and working-class families regardless of race. Demolition of the New Helvetia historical site will clearly demonstrate the City’s failure to honor its General Plan, which expresses a commitment to be responsive to its residents and their unique context that makes up their living environment.

The question to be considered here is: what are the conditions that allow the City to approve plans that do not fully consider the General Plan? State legislation and General Plans exist to provide residents with necessary protections that promote and ensure quality of life. Historic designations of sites are also protections invoked to retain cultural and social knowledge and practices and to ensure that such values are promoted and become a fact of everyday life today as well as tomorrow. Given this vantage point, are General Plan provisions and state legislative mandates optional policies for the City? More important, what is the process for informing residents of the optional use of government mandates? If public protections can be considered secondary to city development priorities, is there an actual function for community engagement other than compliance with state and federal civil rights provisions?

I9-5  
cont.

This calls into question the community engagement process used for this specific plan process. Were residents informed of how development activities allowed under the proposed specific plan would actually worsen environmental conditions? Do the residents clearly understand how traffic would increase with development allowed and how new roads through public housing will be used to mitigate the anticipated traffic congestion on Broadway? Were the residents informed of the historical significance of the site with the detail that properly acknowledges its importance to residents of color? Are the residents informed of the legal actions and public activism that took place in the city that led to its national recognition?

I9-6

How are residents to assess the impact of the Specific Plan without this knowledge? Given the educational and employment experiences of the residents, it's difficult to conceive that that residents have made a thorough review of the written specific plan and the accompanying EIR - over 700 pages of text. More important, residents do not have any metrics to use in assessing whether the WBSP adequately represents their best interest.

The plan fails to consider any of the provisions of SB 1000, which requires local governments to incorporate environmental justice strategies for disadvantaged communities in their General Plan. Although the City is currently engaged in their General Plan update, nothing prohibits the City from incorporating these elements into the WBSP. Equity is not a mandate that should be postponed while policy is under development. The WBSP does not consider future energy needs or innovations for resilience planning such as microgrids. As a result, residents remain totally dependent upon utility company future plans and rate structures without the benefit of comprehensive energy planning at the neighborhood level. Specific plans must be in sync with state mandates and regional planning efforts for building sustainable communities. Without any real metrics to determine whether the West Broadway Specific Plan meets these guidelines, it is difficult to conclude that this plan is in the best interests of residents as the plan raises more questions than answers.

I9-7

Should you require additional information regarding this review or have any questions, please do not hesitate to contact me at [jch@jchresearch.net](mailto:jch@jchresearch.net) or by phone at 916.837.3679.

Jesus Hernandez, PhD  
Research Consultant  
JCH Research

**I9** Jesus Hernandez, PhD  
March 9, 2020

- I9-1 This comment provides introductory text. The comment does not address the adequacy of the EIR analysis, and no further response is required. The comment is included within the record for consideration as part of the WBSP.
- I9-2 The comment expresses concern related to the possible demolition of the New Helvetia Historic District. Please see Master Response 1 and Response to Comment O2-5.
- I9-3 The comment states that the WBSP will route downtown and Broadway traffic through Alder Grove. See Response to Comment O2-7.
- I9-4 The comment expresses the concern that additional streets through Alder Grove will increase auto use and, therefore, air pollutants into the community. Please see Response to Comments O2-7 and O2-8.
- I9-5 The comment states that demolition of New Helvetia Historic District ignores goal LU 2.4 and policies LU 2.4.1 and 2.4.2 of the 2035 General Plan. Please see Response to Comment O-2-9.
- I9-6 The comment raises several questions about the community involvement process for the WBSP. The Notice of Preparation and Draft EIR were noticed in accordance with CEQA requirements, including posting in a local publication with general circulation covering the Specific Plan area and adjacent neighborhoods and noticing to any individuals that had expressed interest in the project and requested future notifications. With respect to the WBSP process, the comment does not address the adequacy of the EIR analysis, and no further response is required within the context of CEQA. Numerous community meetings were held in the vicinity of the Specific Plan area to garner public input and inform interested parties of the current status of the WBSP, its components, and future opportunities for community involvement.

The City also attended neighborhood meetings with local residents in the area, including at Alder Grove, Marina Vista, and Land Park Woods during the planning process to understand residents' interests and concerns. The WBSP process follows the broad outreach and engagement process conducted for Alder Grove and Marina Vista with the Upper Land Park Broadway Choice Neighborhoods Transformation Plan and references the assumptions and strategies contained within. However, this plan was not formally adopted and approved by HUD and thus, the WBSP is unable at this time to provide project level analysis for these sites. Future project level plans for Alder Grove and Marina Vista will need to be prepared and at that time, these plans will be subject to further community outreach, review, and approval of HUD.

- I9-7 The comment states that the WBSP fails to consider SB 1000. As acknowledged by the comment letter SB 1000 applies only to general plans. The WBSP provides broad concepts and policies for this area and sets an upper limit for development potential in the area. Future project level plans for the Specific Plan Area will need to be prepared and at that time, will be subject to the updated City general plan and any SB 1000 considerations contained within.

## 4 MITIGATION MONITORING PLAN

### 4.1 INTRODUCTION

Public Resources Code section 21081.6 and section 15097 of the California Environmental Quality Act (CEQA) Guidelines require public agencies to establish monitoring or reporting programs for projects approved by a public agency whenever approval involves the adoption of either a mitigated negative declaration or specified environmental findings related to environmental impact reports.

The following is the Mitigation Monitoring Plan (MMP) for the West Broadway Specific Plan. The intent of the MMP is to track and successfully implement the mitigation measures identified within the Draft Environmental Impact Report (Draft EIR) for this project.

### 4.2 MITIGATION MEASURES

The mitigation measures are taken from the Sacramento West Broadway Specific Plan Draft EIR and are assigned the same number as in the Draft EIR. The MMP describes the actions that must take place to implement each mitigation measure, the timing of those actions, and the entities responsible for implementing and monitoring the actions.

### 4.3 MMP COMPONENTS

The components of the attached table, which contains applicable mitigation measures, are addressed briefly, below.

**Impact:** This column summarizes the impact stated in the Draft EIR.

**Mitigation Measure:** All mitigation measures identified in the West Broadway Specific Plan Draft EIR will be presented, as revised in the Final EIR, and numbered accordingly.

**Action(s):** For every mitigation measure, one or more actions are described. The actions delineate the means by which the mitigation measures will be implemented, and, in some instances, the criteria for determining whether a measure has been successfully implemented. Where mitigation measures are particularly detailed, the action may refer back to the measure.

**Implementing Party:** This item identifies the entity that will undertake the required action.

**Timing:** Implementation of the action must occur prior to or during some part of project approval, project design or construction or on an ongoing basis. The timing for each measure is identified.

**Monitoring Party:** The City of Sacramento is primarily responsible for ensuring that mitigation measures are successfully implemented. Within the City, a number of departments and divisions would have responsibility for monitoring some aspect of the overall project. Other agencies, such as the Sacramento Metropolitan Air Quality Management District, may also be responsible for monitoring the implementation of mitigation measures. As a result, more than one monitoring party may be identified.

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Impacts	Mitigation Measures	Actions(s)	Implementing Party	Timing	Monitoring Party
	<p>The fee calculation to offset daily NO<sub>x</sub> emissions shall be based on the SMAQMD-determined cost to reduce one ton of NO<sub>x</sub> applicable at the time (currently \$30,000 per ton but subject to change in future years).</p> <p>Once initial construction activities are finalized by a project applicant and before the issuance of grading and/or building permits, quantification of construction-related emissions shall be verified at the project level. As each project-level construction phase is finalized throughout the duration of the project buildout, the mitigation fee shall be calculated based on current information, available construction equipment, and proposed construction activities. As construction activities occur over the buildout period, the developer shall work with SMAQMD to continually update mitigation fees based on actual on-the-ground emissions. The final mitigation fees shall be based on the contractor equipment report provided by the developer to SMAQMD and shall reconcile any fee discrepancies due to schedule adjustments, and increased or decreased equipment inventories. Equipment inventories and NO<sub>x</sub> emission estimates for subsequent construction phases shall be coordinated with SMAQMD, and the off-site mitigation fee measure shall be assessed to any construction phase that would result in an exceedance of SMAQMD's mass emission threshold for NO<sub>x</sub>.</p>	<p>Quantification of construction-related emissions shall be verified at the project level.</p>	<p>Project applicant</p>	<p>Prior to issuance of demolition or grading permit.</p>	<p>City of Sacramento Community Development Department, SMAQMD</p>
<p><b>Impact 4.2-2: Result in Long-Term Operational Emissions of NO<sub>x</sub>, ROG, PM<sub>10</sub>, and PM<sub>2.5</sub></b></p> <p>Implementation of the WBSP could result in operational emissions associated with the operation of new land uses within the Specific Plan Area. These activities would result in emissions of ROG, NO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> that would exceed applicable thresholds established by SMAQMD. However, the WBSP does include policies that would help reduce emissions of air pollutants. Nonetheless, emissions associated with the operation of new uses under the WBSP would exceed SMAQMD's air pollutant thresholds, and therefore, would violate an existing air quality standard. This impact would be significant.</p>	<p>SMAQMD requires land use projects exceeding operational emissions thresholds to follow the Recommended Guidance for Land Use Emission Reductions and develop and implement an Air Quality Mitigation Plan (AQMP) to reduce operational emissions. Additionally, each development proposed as part of WBSP implementation would be required to comply with the policies of the General Plan in effect at the time of project proposal. Policy ER 6.1.3 requires individual development projects that would exceed the SMAQMD ROG and NO<sub>x</sub> operational thresholds of 65 lb/day to incorporate design or operational features that result in at least a 15 percent reduction in emissions; and Policy ER 6.1.2 requires City review of proposed development projects to ensure construction and operation of projects incorporate feasible measures that reduce emissions through project design (e.g., measures contained in SMAQMD's Recommended Guidance for Land Use Emission Reductions [SMAQMD 2016a]). Both of these policies are essentially in line with what is required from SMAQMD for the development of an AQMP. Mitigation Measure 4.2-2 below includes details about the AQMP and the mitigation measures required to implemented as part of this EIR that are included in the AQMP.</p> <p><b>Mitigation Measure 4.2-2: Implement Provisions of the Air Quality Mitigation Plan to Reduce Operational Emissions</b></p> <p>Project applicants for individual projects within the Specific Plan Area shall comply with the required measures of the WBSP's AQMP, which would reduce the project's operational ozone precursors from mobile sources by 15 percent in comparison to the unmitigated project. Section 7.1 of the AQMP requires that 13 percent of all new residential units include all-electric appliances and exclude natural gas connections to the units and includes specific language about how this mitigation measure will be implemented and requirements for compliance with the measure.</p>	<p>Comply with the recommended measures of the WBSP's AQMP.</p>	<p>Project applicant</p>	<p>Prior to issuance of demolition or grading permit.</p>	<p>City of Sacramento Community Development Department, SMAQMD</p>
<p><b>4.3 Biological Resources</b></p>					
<p><b>Impact 4.3-1: Loss or Disturbance to Special-Status Plant Species and Their Habitat</b></p> <p>Project construction activities, including ground disturbance, vegetation removal, and dredging, could result in disturbance to or loss of special-status plants if present on the Specific Plan Area. Because the loss of special-status plants could substantially affect the abundance, distribution, and viability of local and regional populations of these species, this would be a potentially significant impact.</p>	<p><b>Mitigation Measure 4.3-1: Special-Status Plant Surveys, Protection, and Mitigation</b></p> <p>Before construction activities, including ground disturbance or dredging, within the project site, the project applicant shall impose the following conditions:</p> <ul style="list-style-type: none"> <li>▶ Before construction and during the blooming period for the special-status plant species with potential to occur in the project site, a qualified biologist shall conduct protocol-level surveys for special-status plants in areas where potentially suitable habitat would be removed or disturbed by project activities. The surveys shall be conducted in accordance with the most current version of CDFW's <i>Protocol for Surveying and Evaluating Impacts to Special-Status Native Plant Populations and Natural Communities</i> (2009), including the reporting requirements. The blooming period for woolly rose-mallow is approximately June to September and for Mason's lilaeopsis is approximately April to November. The surveys shall be conducted in accordance to the most current version of CDFW's <i>Protocol for Surveying and Evaluating Impacts to Special-Status Native Plant Populations and Natural Communities</i> (2009), including the reporting requirements. The blooming period for Sanford's arrowhead is approximately May to November. Therefore, the optimal survey period for all three species is June to September.</li> </ul>	<p>Conduct surveys for special status plants prior to construction and during their respective blooming period to ensure absence. If no special-status plants are found, no further action is necessary. Establish buffer zones from individuals as appropriate or consult with CDFW in the event that individuals cannot be avoided.</p>	<p>Project applicant</p>	<p>Prior to issuance of demolition or grading permit</p>	<p>City of Sacramento Community Development Department, CDFW</p>

Impacts	Mitigation Measures	Actions(s)	Implementing Party	Timing	Monitoring Party
	<ul style="list-style-type: none"> <li>▶ If special-status plant species are not found, the botanist shall document the findings in a letter report to CDFW, the City's Community Development Department, and the project applicant and no further mitigation shall be required.</li> <li>▶ If woolly rose-mallow, Mason's lilaeopsis, Sanford's arrowhead, or other special-status plant species are found on the project site and are located outside of the permanent footprint of any proposed structures/site features and can be avoided, the project applicant shall establish and maintain a buffer around special-status plants to be retained to prevent disturbance to the plants. The results of the survey and avoidance measures shall be documented in a letter report and submitted to CDFW. The results of the survey and avoidance measures shall be documented in a letter report and submitted to CDFW and the City's Community Development Department.</li> <li>▶ If special-status plant species are found that cannot be avoided during construction, the applicant shall consult with CDFW to determine the appropriate mitigation measures for direct and indirect impacts that could occur because of project construction and shall implement the agreed-upon mitigation measures to achieve no net loss of occupied habitat or individuals. If permanent habitat would be lost for CESA-listed plants (e.g., Mason's lilaeopsis), compensatory mitigation shall be provided at an appropriate mitigation ratio based on the type, quality, and condition of the habitat to be affected to fully mitigate for impacts. An Incidental Take Permit shall be obtained from CDFW if take of CESA-listed plants cannot be avoided. Compensatory mitigation measures may include preserving and enhancing existing populations, creation of offsite populations on mitigation sites through seed collection or transplantation, and/or restoring or creating suitable habitat in sufficient quantities to achieve no net loss of occupied habitat and/or individuals. A mitigation and monitoring plan shall be developed describing how unavoidable losses of special-status plants shall be compensated. The project applicant shall provide as-needed updates to City's Community Development Department regarding the status of consultation and permitting.</li> <li>▶ If relocation efforts are part of the mitigation plan, the plan shall include details on the methods to be used, including collection, storage, propagation, receptor site preparation, installation, long-term protection and management, monitoring and reporting requirements, success criteria, and remedial action responsibilities should the initial effort fail to meet long-term monitoring requirements.</li> <li>▶ Success criteria for preserved and compensatory populations shall include:                         <ul style="list-style-type: none"> <li>▪ The extent of occupied area and plant density (number of plants per unit area) in compensatory populations shall be equal to or greater than the affected occupied habitat.</li> <li>▪ Compensatory and preserved populations shall be self-producing. Populations shall be considered self-producing when:                                 <ul style="list-style-type: none"> <li>• plants reestablish annually for a minimum of 5 years with no human intervention such as supplemental seeding; and</li> <li>• reestablished and preserved habitats contain an occupied area and flower density comparable to existing occupied habitat areas in similar habitat types in the project vicinity.</li> </ul> </li> <li>▪ If offsite mitigation includes dedication of conservation easements, purchase of mitigation credits, or other offsite conservation measures, the details of these measures shall be included in the mitigation plan, including information on responsible parties for long-term management, conservation easement holders, long-term management requirements, success criteria such as those listed above and other details, as appropriate to target the preservation of long term viable populations.</li> </ul> </li> </ul>				
<p><b>Impact 4.3-2: Loss or Disturbance to Special-Status Fish Species and Degradation or Loss of Designated Critical Habitat</b></p> <p>Implementation of the WBSP could include construction of a potential future bike and pedestrian bridge connecting Sacramento and West Sacramento and/or construction of a new bike and pedestrian bridge to connect the current south end of the peninsula to the boat ramp area for Miller Regional Park. Construction-related impacts, including noise, vibration, artificial lighting, water quality effects, introduction or spread of aquatic invasive species, entrapment and mortality of fish, and loss of habitat, including loss of shaded riverine aquatic</p>	<p><b>Mitigation Measure 4.3-2a: Conduct a Hydroacoustic Effects Analysis</b></p> <p>Upon further design and planning of any proposed bridge crossings that shall involve in-water work, the City shall conduct a project-specific noise and vibration evaluation of construction activities on fish following the Caltrans "Technical Guidance for Assessment and Mitigation of Hydroacoustic Effects of Pile Driving on Fish" (Caltrans 2009) and the NMFS Pile Driving Calculations spreadsheet (NMFS 2012). To avoid impacts to delta smelt, the project shall not exceed an accumulated sound exposure level (SEL) of 183-dB at 10 meters and a single-strike peak SEL of 206 dB at 10 meters. If these thresholds are exceeded, then the project shall obtain an Incidental Take Permit for CESA-listed fish from CDFW. Consultation under Section 7 with USFWS and NMFS shall also occur for effects to federally listed fish.</p> <p>Impacts associated with pile driving and other noise and vibration generating construction activities shall be avoided and minimized through development and implementation of additional measures (e.g. use of bubble curtains, minimizing the number of piles driven in a day, using the smallest pile driver and minimum force</p>	<p>Conduct an evaluation of construction activities specific to the type of in-water construction activity and implement appropriate avoidance/deterrence measures.</p>	<p>Project applicant</p>	<p>During design of proposed crossing, prior to construction.</p>	<p>City of Sacramento Community Development Department, CDFW</p>



Impacts	Mitigation Measures	Actions(s)	Implementing Party	Timing	Monitoring Party
<p>habitat and increased artificial shade, could adversely affect fish species. This would be a potentially significant impact.</p>	<p>necessary, etc.) intended to achieve the project-specific performance standard established as part of the hydroacoustic analysis.</p>				
	<p><b>Mitigation Measure 4.3-2b: Conduct in-Water Construction Activities Between August 1 and November 30 and Only During Daylight Hours</b>                      Conduct all in-water construction work and noise and vibration generating activities (i.e. pile driving) between August 1 and November 30 to avoid impacts to Delta smelt, Chinook salmon, steelhead, and green sturgeon. This work window will minimize exposure to fall-run Chinook salmon of potential contaminants because they are less likely to be present in the Sacramento River during this time of year. In-water work shall be conducted during daylight hours only. If this work window or if daylight work hours are not feasible for in-water work, then the project shall obtain an Incidental Take Permit for CESA-listed fish from CDFW. Consultation under Section 7 with USFWS and NMFS shall also occur for effects to federally listed fish.</p> <p><b>Mitigation 4.3-2c: Develop and Implement a Hydroacoustic Monitoring Plan</b>                      The project applicant shall develop and implement a hydroacoustic monitoring plan for any development activities involving pile driving in or proximate to (i.e., within 50 feet of) the Sacramento River or marina. The monitoring plan shall be submitted to the resource agencies (NMFS, USFWS, and CDFW) for approval at least 60 days before the start of project activities. The plan shall include the following requirements:</p> <ul style="list-style-type: none"> <li>▶ The project applicant and/or its construction contractor shall monitor underwater noise levels during all impact pile driving activities on land and in water to ensure that peak and cumulative SELs do not exceed estimated values, based on the hydroacoustic analysis.</li> <li>▶ The monitoring plan shall describe the methods and equipment that shall be used to document the extent of underwater sounds produced by pile driving, including the number, location, distances, and depths of the hydrophones and associated monitoring equipment.</li> <li>▶ The monitoring plan shall include a reporting schedule for daily summaries of the hydroacoustic monitoring results and for more comprehensive reports to be provided to the resource agencies on a monthly basis during the pile driving season.</li> <li>▶ The daily reports shall include the number of piles installed per day; the number of strikes per pile; the interval between strikes; the peak sound pressure level (SPL), SEL, and decibels root mean square (dB RMS) per strike; and the accumulated SEL per day at each monitoring station.</li> </ul> <p>The project applicant or its contractors shall ensure that a qualified fish biologist is on site during impact pile driving to document any occurrences of stressed, injured, or dead fish. If stressed, injured, or dead fish are observed during pile driving, the project applicant and/or its construction contractor shall reduce the number of strikes per day to ensure that fish are no longer showing signs of stress, injury, or mortality.</p> <p><b>Mitigation Measure 4.3-2d: Avoid or Minimize Temporary Construction Lighting and Permanent Bridge Lighting from Directing Radiating on Water Surfaces of the Sacramento River</b>                      The project applicant shall implement the following measures to minimize temporary construction lighting:</p> <ul style="list-style-type: none"> <li>▶ Avoiding construction activities at night.</li> <li>▶ Use the minimal amount of lighting necessary to safely and effectively illuminate the work areas.</li> <li>▶ Shield and focus lights on work areas and away from the water surface of the Sacramento River.</li> </ul> <p>The project applicant shall also implement the following measures to minimize permanent bridge lighting:</p> <ul style="list-style-type: none"> <li>▶ Incorporate lighting design elements for overwater permanent structures that shall minimize impacts to fish and wildlife, such as shielded light designs, dimming controls that allow for programmed switch-off of lights during times of night when use is low, use of ground-level lighting in place of typical overhead lighting, and use of amber and red-spectrum lighting in place of white and blue-spectrum light that has been shown to affect fish migration patterns and make migrating smolts more susceptible to predators.</li> <li>▶ Minimizing nighttime lighting of the bridge structure for aesthetic purposes.</li> <li>▶ Use the minimal amount of lighting necessary to safely and effectively illuminate bicycle and pedestrian areas on the bridge.</li> <li>▶ Shield and focus lights on bicycle and pedestrian areas away from the water surface of the Sacramento River.</li> </ul>	<p>Avoid in-water construction activities between December 1 and July 31.</p> <p>If pile-driving in or within 50 feet of the Sacramento River or marina is required, prepare and implement a hydroacoustic monitoring plan, including having a monitoring biologist on-site during any pile-driving activities.</p> <p>Incorporate best practices and design measures during construction to reduce overwater lighting effects.</p>	<p>Project applicant</p> <p>Project applicant</p> <p>Project applicant</p>	<p>During construction.</p> <p>During construction.</p> <p>During project design and construction.</p>	<p>City of Sacramento Community Development Department, CDFW</p> <p>City of Sacramento Community Development Department, CDFW</p> <p>City of Sacramento Community Development Department, CDFW</p>

Impacts	Mitigation Measures	Actions(s)	Implementing Party	Timing	Monitoring Party
	<p>If the measures to reduce lighting impacts during construction and from permanent bridge design are not feasible to implement, then the project shall obtain an Incidental Take Permit for CESA-listed fish from CDFW. Consultation under Section 7 with USFWS and NMFS shall also occur for effects to federally listed fish.</p> <p><b>Mitigation Measure 4.3-2e: Monitor Turbidity in the Sacramento River</b>                      The project applicant or construction contractor shall monitor turbidity levels in the Sacramento River during in-water construction activities. Turbidity shall be measured using standard techniques upstream and downstream of the construction area to determine whether changes in ambient turbidity levels exceed limits established in the Basin Plan for the Sacramento and San Joaquin Rivers (CVRWQCB 2018). If it is determined that turbidity levels exceed the allowed limits, then the project applicant and/or its contractors shall adjust work to ensure that turbidity levels do not exceed the allowed limits.</p> <p><b>Mitigation Measure 4.3-2f: Compensate for Impacts on Critical Habitat</b>                      If permanent impacts on critical habitat, such as loss of shaded riverine aquatic habitat, permanent shading of aquatic habitat, etc. occur, the project applicant shall mitigate the impacts on a “no effective net loss” of habitat basis through purchase of mitigation credits at a NMFS-approved anadromous fish conservation bank. Compensatory mitigation shall be provided at an appropriate mitigation ratio based on the type, quality, and condition of the habitat to be affected to fully mitigate for permanent impacts to critical habitat.</p> <p><b>Mitigation Measure 4.3-2g: Implement Cofferdam Restrictions</b>                      If cofferdams are used during the construction of the bridge(s), the following restrictions shall be implemented:</p> <ul style="list-style-type: none"> <li>▶ The extent of cofferdam footprints shall be limited to the minimum necessary to support construction activities.</li> <li>▶ Sheet piles used for cofferdams shall be installed and removed using a vibratory pile driver.</li> <li>▶ Cofferdams shall be installed and removed only during the in-water work window (between June 1 and October 1).</li> <li>▶ Cofferdams shall not be left in place over winter where they could be overtopped by winter/spring flows and when juveniles of listed species are most likely to be present in the construction area.</li> <li>▶ All pumps used during dewatering of cofferdams shall be screened according to CDFW and NMFS guidelines for screens.</li> </ul> <p>Cofferdam dewatering and fish rescue/relocation from within cofferdams shall commence immediately following cofferdam closure.</p> <p><b>Mitigation Measure 4.3-2h: Prepare and Implement a Fish Rescue and Relocation Plan</b>                      A qualified fish biologist shall develop and implement a fish rescue and relocation plan to recover any fish trapped in cofferdams. The fish rescue and relocation plan shall be submitted to the resource agencies (CDFW, NMFS, and USFWS) and the project applicant for approval at least 60 days before initiating activities to install cofferdams. The project shall obtain an Incidental Take Permit for CESA-listed fish from CDFW. Consultation under Section 7 with USFWS and NMFS shall also occur for effects to federally listed fish. At a minimum, the plan shall include the following:</p> <ul style="list-style-type: none"> <li>▶ A requirement that fish rescue and relocation activities shall commence immediately after cofferdam closure and that dewatering has sufficiently lowered water levels inside cofferdams to make it feasible to rescue fish.</li> <li>▶ A description of the methods and equipment proposed to collect, transfer, and release all fish trapped within cofferdams. Capture methods may include seining, dip netting, and/or electrofishing as approved by CDFW, NMFS, and USFWS. The precise methods and equipment to be used shall be developed in consultation with CDFW, NMFS, USFWS.</li> <li>▶ A requirement that only CDFW-, NMFS-, and USFWS-approved fish biologists shall conduct the fish rescue and relocation.</li> <li>▶ A requirement that fish biologists shall contact CDFW, NMFS, and USFWS immediately if any listed species are found dead or injured.</li> </ul> <p>A requirement that a fish rescue and relocation report be prepared and submitted to CDFW, NMFS, and USFWS within 5 business days following completion of the fish relocation. Data shall be provided in tabular form and at a minimum shall include the species and number rescued and relocated, approximate size of each</p>	<p>Monitor turbidity levels and implement control measures or reduce construction intensity to reduce turbidity, as necessary.</p> <p>If critical habitat will be affected by construction, coordinate with CDFW and NMFS regarding the purchase of mitigation credits.</p> <p>If necessary, install and maintain cofferdams in accordance with listed restrictions.</p> <p>For in-water work, prepare and implement a fish rescue and relocation plan.</p>	<p>Project applicant</p> <p>Project applicant</p> <p>Project applicant</p> <p>Project applicant</p>	<p>During construction.</p> <p>Prior to ground disturbing activities.</p> <p>During construction.</p> <p>During construction.</p>	<p>City of Sacramento Community Development Department, CDFW</p> <p>City of Sacramento Community Development Department, CDFW</p> <p>City of Sacramento Community Development Department, CDFW</p> <p>City of Sacramento Community Development Department, CDFW</p>

Impacts	Mitigation Measures	Actions(s)	Implementing Party	Timing	Monitoring Party
	<p>fish (or alternatively, approximate size range if large number of individuals are encountered), date and time of their capture, and general condition of all live fish (e.g., good–active with no injuries; fair–reduced activity with some superficial injuries; poor–difficulty swimming/orienting with major injuries). For dead fish, additional data shall include fork length and description of injuries and/or possible cause of mortality if it can be determined.</p> <p><b>Mitigation Measure 4.3-2i: Prevent the Spread or Introduction of Aquatic Invasive Species</b>                      The project applicant shall implement the following measures to minimize the spread or introduction of aquatic invasive species associated with in-water construction activities in the Sacramento River:</p> <ul style="list-style-type: none"> <li>▶ Coordinate with the CDFW’s Invasive Species Program to ensure that the appropriate BMPs are implemented to prevent the spread or introduction of aquatic invasive species.</li> <li>▶ Educate construction supervisors and managers about the importance of controlling and preventing the spread of aquatic invasive species.</li> <li>▶ Train vessel and equipment operators and maintenance personnel in the recognition and proper prevention, treatment, and disposal of aquatic invasive species.</li> </ul> <p>Before departure of vessels from their place of origin and before in-water construction equipment is allowed to operate within the Sacramento River, thoroughly inspect and remove and dispose of all dirt, mud, plant matter, and animals from all surfaces that are submerged or may become submerged, or places where water can be held and transferred to the surrounding water.</p>	<p>For in-water work, implement measures to control/prevent the spread of aquatic invasive species per CDFW guidance.</p>	<p>Project applicant</p>	<p>During construction.</p>	<p>City of Sacramento Community Development Department, CDFW</p>
<p><b>Impact 4.3-3: Loss of Western Pond Turtle and Its Habitat</b>                      Project implementation could include construction of a potential future bike and pedestrian bridge connecting Sacramento and West Sacramento and/or construction of a new bike and pedestrian bridge to connect the current south end of the peninsula to the boat ramp area for Miller Regional Park. This would require in-channel work that could result in injury, disturbance, or direct mortality of western pond turtle. Project construction could also result in loss of upland basking habitat for western pond turtle. This impact would be potentially significant.</p>	<p><b>Mitigation Measure 4.3-3a: Conduct a Pre-Construction Survey for Western Pond Turtle and Relocate Individuals Outside the Work Area</b>                      To avoid and minimize impacts on western pond turtles that could occur in or on the banks of the Sacramento River within the project site, the project applicant shall retain a qualified wildlife biologist to conduct a preconstruction survey for western pond turtle in suitable habitat within the work area. The survey shall be conducted according to the <i>Draft USGS Western Pond Turtle Visual Survey Protocol for the Southcoast Ecoregion (2006)</i>.</p> <p>If potential bridge construction activities do not require dewatering of aquatic habitat and the qualified biologist determines visual encounter surveys are not sufficient to determine presence of western pond turtle within aquatic habitat in the work area, the qualified biologist shall consult with CDFW to determine if additional avoidance measures (e.g., monitoring, trapping surveys) are necessary to minimize impacts on western pond turtle.</p> <p>If turtles are observed during a survey, they shall be either hand-captured or trapped and relocated outside the construction area to appropriate aquatic habitat by a qualified biologist. If western pond turtle is observed within the work area during construction activities, work shall cease in the area until the turtle is able to move out of the work area on its own or can be safely relocated by a biologist.</p> <p><b>Mitigation Measure 4.3-3b: Implement Mitigation Measures 4.3-2a, 4.3-2b, 4.3-2c, and 4.3-2e</b>                      The project applicant shall implement Mitigation Measures 4.3-2a, 4.3-2b, 4.3-2c, and 4.3-2e, which require avoiding or minimizing hydroacoustic and water quality impacts.</p>	<p>Conduct preconstruction survey for western pond turtle, where appropriate. Implement additional measures, as necessary, if individuals are found.</p> <p>Refer to Mitigation Measures 4.3-2a, 4.3-2b, 4.3-2c, and 4.3-2e, above</p>	<p>Project applicant</p> <p>Refer to Mitigation Measures 4.3-2a, 4.3-2b, 4.3-2c, and 4.3-2e, above</p>	<p>Prior to ground disturbing activities.</p> <p>Refer to Mitigation Measures 4.3-2a, 4.3-2b, 4.3-2c, and 4.3-2e, above</p>	<p>City of Sacramento Community Development Department, CDFW</p> <p>Refer to Mitigation Measures 4.3-2a, 4.3-2b, 4.3-2c, and 4.3-2e, above</p>
<p><b>Impact 4.3-4: Loss or Disturbance of Nesting Swainson’s Hawk, White-Tailed Kite, Loggerhead Shrike, Purple Martin, Song Sparrow (“Modesto” Population), and Other Protected Birds</b>                      Implementation of the WBSP could result in loss and disturbance of suitable nesting habitat for Swainson’s hawk, white-tailed kite, loggerhead shrike, purple martin, song sparrow (“Modesto” population), and more common birds and raptors protected under the California Fish and Game Code. Construction activity could disturb active nests on or near the construction area, potentially resulting in nest abandonment by the adults and mortality of chicks and eggs. This impact would be potentially significant.</p>	<p><b>Mitigation Measure 4.3-4: Avoid Direct Loss and Disturbance of Nesting Swainson’s Hawk, White-Tailed Kite, Loggerhead Shrike, Purple Martin, Song Sparrow (“Modesto” Population), and Other Protected Birds</b></p> <ul style="list-style-type: none"> <li>▶ Conduct all tree and vegetation removal during the nonbreeding season (generally between September 1 and February 28) for special-status and non-special-status migratory birds, to the extent feasible.</li> <li>▶ If equipment staging, site preparation, grading, excavation, or other project-related activities are scheduled during the nesting season (February 15 through September 15) of protected raptors or other avian species, focused surveys for active nests shall be conducted by a qualified biologist within 5 days prior to the beginning of the project-related activities. Surveys shall be conducted throughout the project site, in staging, storage, and soil stockpile areas, and along transportation routes. The minimum survey area surrounding the work area shall be the following: (i) 250 feet for passerines; (ii) 500 feet for small raptors; and (iii) 1,000 feet for larger raptors. Surveys shall be conducted at the appropriate times of day, and during appropriate nesting times and shall concentrate on areas of suitable habitat. If a lapse in project-related activities of 14 days or longer occurs, another focused survey will be required.</li> </ul>	<p>Conduct vegetation removal outside of the breeding season and establish appropriate buffers from active nests/burrows, identified during preconstruction surveys.</p>	<p>Project applicant</p>	<p>Prior to ground disturbing activities and during construction.</p>	<p>City of Sacramento Community Development Department, CDFW</p>

Impacts	Mitigation Measures	Actions(s)	Implementing Party	Timing	Monitoring Party
	<ul style="list-style-type: none"> <li>▶ If appropriate habitat for burrowing owls is present, a take avoidance survey for burrowing owl shall be conducted in accordance with the most current version of CDFW Staff Report on Burrowing Owl Mitigation (2012) and shall occur no more than 14 days in advance of project commencement during the breeding and nonbreeding season. If no burrowing owls are found, no additional mitigation is required. If burrowing owls are found during the nonbreeding season and cannot be avoided, they shall be excluded following the requirements in the CDFW Staff Report, including developing an exclusion and mitigation plan that shall be approved by CDFW. If burrowing owls are found during the nesting season, the active burrow shall be avoided by a protective buffer (see below).</li> <li>▶ If no active nests are found during focused surveys, no further action under this measure shall be required.</li> <li>▶ Impacts to nesting Swainson's hawks, other raptors, or other nesting birds shall be avoided by establishing appropriate buffers around active nest sites identified during preconstruction raptor surveys. Project activity shall not commence within the buffer areas until a qualified biologist has determined that the young have fledged, the nest is no longer active, or reducing the buffer would not likely result in nest abandonment. CDFW guidelines recommend implementation of 0.25-mile-wide buffer for Swainson's hawk and 1,640 feet (500 meters) for burrowing owl. For all other birds, a qualified biologist shall establish a non-disturbance buffer at a distance sufficient to minimize nest disturbance based on the nest location, topography, cover, the species' sensitivity to disturbance, and the intensity/type of potential disturbance. The size of the buffer may be adjusted if a qualified biologist and the project applicant determine that such an adjustment would not be likely to adversely affect the nest. Monitoring of the nest by a qualified biologist during and after construction activities shall be required if the activity has potential to adversely affect the nest. If construction activities cause the nesting bird to vocalize, make defensive flights at intruders, get up from a brooding position, or fly off the nest, then the no-disturbance buffer shall be increased until the agitated behavior ceases. The exclusionary buffer shall remain in place until the chicks have fledged or as otherwise determined appropriate by a qualified biologist.</li> <li>▶ If a Swainson's hawk or other raptor nest tree (any tree that has an active nest in the year the impact is to occur) must be removed, the tree shall be removed between September 1 and February 28, when not occupied.</li> </ul>				
<p><b>Impact 4.3-5: Loss or Disturbance of Valley Elderberry Longhorn Beetles and Their Habitat</b></p> <p>Elderberry shrubs within riparian habitat provide suitable habitat for valley elderberry longhorn beetle. Removal of elderberry shrubs within the project site could result in loss of valley elderberry longhorn beetle and their habitat. This would be a potentially significant impact.</p>	<p><b>Mitigation Measure 4.3-5: Avoid Loss or Disturbance of Valley Elderberry Longhorn Beetle and Their Habitat</b></p> <ul style="list-style-type: none"> <li>▶ Before project construction activities, a qualified biologist shall conduct surveys for valley elderberry longhorn beetle according to the protocol outlined in USFWS <i>Framework for Assessing Impacts to the Valley Elderberry Longhorn Beetle</i> (USFWS 2017). The biologist shall determine if there are elderberry shrubs within 250 feet of the project site. If no elderberry shrubs are located within 165 feet of the site, then no further action is required.</li> <li>Take of valley elderberry longhorn beetle shall be avoided by following the Conservation Measures outlined in the USFWS 2017 Framework for cases where elderberry shrubs can be retained and protected within 165 feet of the project footprint.</li> <li>▶ If elderberry shrubs are 165 feet or more from project activities, direct or indirect impacts are not expected. Shrubs shall be protected during construction by establishing and maintaining a high visibility fence at least 165 feet from the drip line of each elderberry shrub.</li> <li>▶ If elderberry shrubs can be retained within the project footprint, project activities may occur up to 20 feet from the dripline of elderberry shrubs if precautions are implemented to minimize the potential for indirect impacts. Specifically, these minimization measures include: <ul style="list-style-type: none"> <li>▪ All areas to be avoided during construction activities shall be fenced or flagged as close to construction limits as possible.</li> <li>▪ A minimum avoidance area of at least 20 feet from the dripline of each elderberry plant shall be maintained to avoid direct impacts that could damage or kill the plant.</li> <li>▪ A qualified biologist shall provide training for all contractors, work crews, and any onsite personnel on the status of valley elderberry longhorn beetle, its host plant and habitat, the need to avoid damaging the elderberry shrubs, and the possible penalties for non-compliance.</li> <li>▪ A qualified biologist shall monitor the work area at project-appropriate intervals to assure that all avoidance and minimization measures are implemented. The amount and duration of monitoring shall depend on the project specifics and shall be discussed with a USFWS biologist.</li> <li>▪ As much as feasible, all activities that could occur within 165 feet of an elderberry shrub shall be conducted outside of the flight season of the valley elderberry longhorn beetle (March – July).</li> </ul> </li> </ul>	<p>Conduct preconstruction surveys for elderberry shrubs and establish appropriate buffers during construction.</p>	<p>Project applicant</p>	<p>Prior to ground disturbing activities and during construction.</p>	<p>City of Sacramento Community Development Department, CDFW</p>

Impacts	Mitigation Measures	Actions(s)	Implementing Party	Timing	Monitoring Party
	<ul style="list-style-type: none"> <li>▪ Trimming of elderberry shrubs shall occur between November and February and shall avoid removal of any branches or stems that are greater than or equal to 1 inch in diameter to avoid and minimize adverse effects to valley elderberry longhorn beetle.</li> <li>▪ Project activities, such as truck traffic or other use of machinery, shall not create excessive dust on the project site, such that the growth or vigor of elderberry shrubs is adversely affected. Enforcement of a speed-limit and watering dirt roadways are potential methods to minimize excessive dust creation.</li> <li>▪ Herbicides shall not be used within the drip-line of any elderberry shrub. Insecticides shall not be used within 98 feet of any elderberry shrub. All chemicals shall be applied using a backpack sprayer or similar direct application method. Mechanical weed removal within the drip-line of any elderberry shrub shall be limited to the season when adults are not active (August – February) and shall avoid damaging the elderberry.</li> <li>▪ Erosion control shall be implemented, and the affected area shall be re-vegetated with appropriate native plants.</li> </ul> <p>▶ If elderberry shrubs cannot be avoided, compliance with the ESA and consultation with USFWS is required and may involve acquiring an incidental take permit through Section 10, or a take exemption through Section 7. All elderberry shrubs with stems greater than 1 inch in diameter that cannot be avoided shall be transplanted.</p> <p>▶ No elderberry shrub shall be removed or transplanted until authorization has been issued by USFWS and the project applicant has abided by all pertinent conditions of the incidental take permit or biological opinion. Conservation and minimization measures are likely to include preparation of supporting documentation that describes methods for relocation of existing shrubs and maintaining existing shrubs and other vegetation in a conservation area.</p> <p>▶ Relocation of existing elderberry shrubs and planting of new elderberry seedlings and associated riparian species shall be implemented according to the Framework (USFWS 2017). The Framework uses presence or absence of exit holes, and whether the affected elderberry shrubs are located in riparian habitat to determine the number of elderberry seedlings or cuttings and associated riparian vegetation that would need to be planted as compensatory mitigation for affected valley elderberry longhorn beetle habitat. Compensatory mitigation may include purchasing credits at a USFWS-approved conservation bank, providing on-site mitigation, or establishing and protecting habitat for valley elderberry longhorn beetle.</p>				
<p><b>Impact 4.3-6: Loss or Disturbance to Special-Status Bats, Bat Colonies, and their Habitat.</b></p> <p>Project construction activities, including tree removal, could result in disturbance to or loss of special-status and common bats colonies if present on the project site. Because the loss of special-status and common bat colonies could substantially affect the abundance, distribution, and viability of local and regional populations of these species, this would be a potentially significant impact.</p>	<p><b>Mitigation Measure 4.3-6: Avoid Loss or Disturbance of Special-Status Bat Species, Bat Colonies, and Their Habitat</b></p> <ul style="list-style-type: none"> <li>▶ If the project would result in removal of trees or the removal or alteration of vacant or seldom-used buildings or structures, or construction activities would occur within 100 feet of potentially suitable roost habitat, a qualified bat biologist shall conduct a survey of the potentially suitable roost habitat. If no evidence of bat roosts is found, then no further study and no further mitigation shall be required.</li> <li>▶ If evidence of bat use (e.g., guano, culled insect parts, staining) is observed, additional surveys shall be conducted by the bat biologist during each season (i.e. maternity, torpor/hibernation, and shoulder seasons) when bats may be affected by project activities to determine if bats are using the habitat for roosting during that specific season. If project activities shall result in permanent loss of roost habitat that was observed to contain evidence of bat use during the habitat suitability survey studies should be conducted during each season to determine if potential roosts are present seasonally or year-round. The species and number of bats using the roost shall be determined to the extent necessary to determine if loss of roost habitat would be a significant impact on the bat population and to develop an appropriate mitigation program. Bat detectors and/or emergence surveys may be used to supplement survey efforts.</li> <li>▶ If bat roosts are found, a qualified bat biologist, in consultation with CDFW, shall develop a mitigation program to minimize impacts to the bat roost, if impacts to bat roosts are unavoidable. Compensatory mitigation shall be provided at an appropriate mitigation ratio based on the type, quality, and condition of the habitat to be affected to fully mitigate for permanent impacts and shall be approved by CDFW.</li> <li>▶ The mitigation program may include: <ul style="list-style-type: none"> <li>▪ additional protective measures;</li> <li>▪ avoidance buffers during periods of sensitive activity (e.g., during hibernation or maternity season);</li> <li>▪ an exclusion plan; and</li> </ul> </li> </ul>	<p>Conduct preconstruction surveys for bats and consult with CDFW, as necessary, prior to implementing additional protective measures for roosts where appropriate.</p>	<p>Project applicant</p>	<p>Prior to ground disturbing activities.</p>	<p>City of Sacramento Community Development Department, CDFW</p>

Impacts	Mitigation Measures	Actions(s)	Implementing Party	Timing	Monitoring Party
	<ul style="list-style-type: none"> <li>a compensatory mitigation plan to provide alternative roost habitat, such as incorporation of artificial bat roost elements in the bike and pedestrian foot bridge design and other building and infrastructure designs within the project site, and consideration to preferred tree varieties when developing the landscape plans for the project site. The plan shall require bat replacement habitat and monitoring of the replacement habitat over a 5-year period for a minimum of 3 years (e.g., years 2, 3, and 5) to determine whether bats are using the habitat, determine whether the habitat is functioning as intended, and identify any corrective actions that need to be made to the habitat to improve its use by bats.</li> </ul>				
<p><b>Impact 4.3-7: Disturbance to California Sea Lion</b>                      WBSB implementation could include construction of a potential future bike and pedestrian bridge connecting Sacramento and West Sacramento and/or construction of a new bike and pedestrian bridge to connect the current south end of the peninsula to the boat ramp area for Miller Regional Park and could result in acoustic impacts on California sea lion. This would be a potentially significant impact.</p>	<p><b>Mitigation Measure 4.3-7: Avoid or Minimize Hydroacoustic Impacts to California Sea Lion</b></p> <ul style="list-style-type: none"> <li>Conduct an acoustic effects analysis on California sea lion following the NMFS “Technical Guidance for Assessing the Effects of Anthropogenic Sound on Marine Mammal Hearing (Version 2.0): Underwater Acoustic Thresholds for Onset of Permanent and Temporary Threshold Shifts” (NMFS 2018) and completing the “Technical Guidance for Assessing the Effects of Anthropogenic Sound on Marine Mammal Hearing: Underwater Acoustic Thresholds for Onset of Permanent and Temporary Threshold Shifts” spreadsheet (NMFS 2016).</li> <li>if the hydroacoustic analysis determines there shall be adverse acoustic effects on California sea lion as a result of pile driving and other noise generating construction activities, additional measures (e.g., minimizing the number of piles driven in a day, using the smallest pile driver and minimum force necessary). shall be developed by a qualified biologist in consultation with NMFS to avoid and minimize acoustic impacts on California sea lion.</li> </ul>	Conduct an evaluation of construction activities specific to the type of in-water construction activity and implement appropriate avoidance/deterrence/minimization measures.	Project applicant	Prior to ground disturbing activities and during construction.	City of Sacramento Community Development Department, CDFW
<p><b>Impact 4.3-8: Impacts on State and Federally Protected Wetlands and Waters of the United States and Riparian Habitat</b>                      WBSB implementation could include construction of a potential future bike and pedestrian bridge connecting Sacramento and West Sacramento and/or construction of a new bike and pedestrian bridge to connect the current south end of the peninsula to the boat ramp area for Miller Regional Park would result in discharge of dredge or fill material into the Sacramento River, a water of the United States and could result in removal of riparian vegetation. This would be a potentially significant impact.</p>	<p><b>Mitigation Measure 4.3-8a: Avoid Impacts to Sensitive Natural Communities</b>                      Before initiation of construction activities within the Marina/Miller Regional Park special study area, all sensitive areas, including riparian areas and sensitive natural communities, will be flagged or fenced with brightly visible construction flagging and/or fencing under the direction of the qualified biologist to ensure that grading, excavation, or other ground-disturbing activities will not occur within these areas. This delineation shall be consistent with and incorporate the USACE-approved preliminary jurisdictional determination or verified jurisdictional determination. Foot traffic by construction personnel will also be limited in these areas to prevent the introduction of invasive or weedy species. Periodic inspections during construction will be conducted by the monitoring biologist to ensure the integrity of exclusion fencing/flagging is maintained throughout the period of construction involving ground disturbance.</p> <p><b>Mitigation Measure 4.3-8b: Obtain all Required Regulatory Authorizations if Project Development Would Result in the Fill of Waters of the United States</b></p> <ul style="list-style-type: none"> <li>Before any grading or construction activities within waters of the United States, the individual project applicant shall obtain Section 404 permit(s) for any project-related impacts, as appropriate. Any waters of the United States that would be affected by project development shall be replaced or restored on a “no-net-loss” basis in accordance with USACE mitigation guidelines (or the applicable USACE guidelines in place at the time of construction). In association with the Section 404 permit (if applicable) and before the issuance of any grading permit, Section 401 Water Quality Certification from the CVRWQCB shall be obtained.</li> <li>If project development would result in a permanent loss of acreage of wetlands or waters of the United States or riparian habitat, compensatory mitigation shall be provided in the form of payment to an in-lieu fee program.</li> </ul> <p><b>Mitigation Measure 4.3-8c: Obtain All Required Regulatory Authorizations if Project Development Would Result in Impacts to Aquatic or Riparian Habitats within CDFW Jurisdiction</b>                      If it is determined that project development would affect the bed, bank, channel, or associated riparian habitat subject to CDFW jurisdiction under Fish and Game Code Section 1602, a Streambed Alteration Notification shall be submitted to CDFW, pursuant to Section 1600 et seq. of the California Fish and Game Code. If proposed activities are determined to be subject to CDFW jurisdiction, the project proponent shall abide by the conditions of any executed agreement before the issuance of a grading permit by Sacramento County.</p>	<p>Flag, fence, or otherwise denote sensitive natural areas.</p> <p>Apply for and acquire appropriate regulatory permits for any effects on Waters of the United States.</p> <p>Apply for and acquire appropriate regulatory permits for any effects on riparian habitat within CDFW jurisdiction.</p>	<p>Project applicant</p> <p>Project applicant</p> <p>Project applicant</p>	<p>Prior to ground disturbing activities and during construction.</p> <p>Prior to ground disturbing activities.</p> <p>Prior to ground disturbing activities.</p>	<p>City of Sacramento Community Development Department, CDFW, USACE</p> <p>City of Sacramento Community Development Department, USACE</p> <p>City of Sacramento Community Development Department, CDFW</p>

Impacts	Mitigation Measures	Actions(s)	Implementing Party	Timing	Monitoring Party
<p><b>Impact 4.3-9: Interruption of Migratory Corridors and Potential for Impacts on Fish Migration</b></p> <p>Implementation of the proposed WBSP could include potential construction of a future bike and pedestrian bridge over the Sacramento River connecting Sacramento and West Sacramento. Construction of bridge would include in-water work producing noise and vibration that could adversely affect migratory fish in the Sacramento River. This would be a potentially significant impact.</p>	<p><b>Mitigation Measure 4.3-9: Implement Mitigation Measures 4.3-2 and 4.3-8</b></p> <p>The project applicant shall implement Mitigation Measures 4.3-2, which requires avoiding or minimizing hydroacoustic, lighting, and water quality impacts, preventing the introduction and spread of aquatic invasive species, minimizing fish entrapment and mortality, and compensating for loss of habitat, and Mitigation Measure 4.3-8 which requires avoiding, minimizing, or compensating for loss of riparian habitat.</p>	<p>Refer to Mitigation Measures 4.3-2 and 4.3-8, above.</p>	<p>Refer to Mitigation Measures 4.3-2 and 4.3-8, above.</p>	<p>Refer to Mitigation Measures 4.3-2 and 4.3-8, above.</p>	<p>Refer to Mitigation Measures 4.3-2 and 4.3-8, above.</p>
<p><b>Impact 4.3-10: Consistency with the City of Sacramento Tree Preservation Ordinance; Loss of and Damage to Protected Trees</b></p> <p>Implementation of the WBSP could result in adverse effects to "city" or "private protected" trees as defined in the City of Sacramento Tree Preservation Ordinance (City of Sacramento 2019). Removal of or regulated work on a "city" or "private protected" trees would be a potentially significant impact.</p>	<p><b>Mitigation Measure 4.3-10a: Obtain a Tree Permit for Removal of Protected Trees</b></p> <ul style="list-style-type: none"> <li>▶ As part of project design, the applicant shall retain a certified arborist to survey trees in the proposed project corridor, including potential contractor laydown areas, and identify and evaluate trees that shall be removed. The arborist shall also identify and evaluate protected trees that may require regulated work. If the arborist's survey does not identify any protected trees that would be removed or damaged or require regulated work as a result of the proposed project, no further mitigation is necessary.</li> <li>▶ If the arborist identifies protected trees that would be removed or damaged or protected trees that would be retained but recommends pruning or protected trees that would require regulated work, the project applicant shall obtain a tree permit from the director of department of parks or the director's designee for city trees located in city parks, or the director of the department of public works or the director's designee for all other city trees.</li> <li>▶ Abide by the conditions of the tree permit, including potential requirements to provide replacement of city trees or privately protected trees.</li> </ul> <p><b>Mitigation Measure 4.3-10b: Minimize Construction Effects on Protected Trees to be Retained</b></p> <ul style="list-style-type: none"> <li>▶ Retain a certified arborist to oversee protection of protected trees to be retained on the project site.</li> <li>▶ Any tree or root pruning required for construction shall first be approved by the certified arborist.</li> </ul> <p>Any injuries to retained trees shall be evaluated as soon as possible by the certified arborist for appropriate treatment.</p>	<p>Conduct tree surveys prior to construction and apply for/obtain permits for removal/damage of any protected trees.</p> <p>Retain a qualified arborist to evaluate trees prior to trimming and removal and evaluate any accidental damage to protected trees to be retained.</p>	<p>Project applicant</p> <p>Project applicant</p>	<p>Prior to ground disturbing activities.</p> <p>During construction.</p>	<p>City of Sacramento Community Development Department</p> <p>City of Sacramento Community Development Department</p>
<p><b>4.4 Cultural Resources and Tribal Cultural Resources</b></p>					
<p><b>Impact 4.4-1: Impacts to Significant Historical Resources</b></p> <p>Implementation of the WBSP could result in new development and redevelopment of existing uses in the Specific Plan Area, which could result in a physical change, damage to, or destruction of a historic building or structure, thereby resulting in a substantial adverse change in the significance of a historical resource as defined in Section 15064.5. This would be a potentially significant impact.</p>	<p><b>Mitigation Measure 4.4-1: Conduct Project-Specific Level Surveys and Identify and Implement Measures to Protect Identified Historic Resources</b></p> <p>Before altering or otherwise affecting a building or structure 50 years old or older, the applicant shall retain a qualified architectural historian to record it on a California Department of Parks and Recreation DPR 523 form or equivalent documentation, if the building has not previously been evaluated. Its significance shall be assessed by a qualified architectural historian, using the significance criteria set forth for historical resources under CEQA Guidelines Section 15064.5. The evaluation process shall include the development of appropriate historical background research as context for the assessment of the significance of the structure in the City and the region. For buildings or structures that do not meet the CEQA criteria for historical resource (Section 15064.5 of the State CEQA Guidelines), no further mitigation is required.</p> <p>For a building, structure, or district that qualifies as or has already been designated as a historical resource, the architectural historian and the City shall consult to consider measures that would enable the project to avoid direct or indirect impacts to the building, structure, or district. These could include preserving a building on the margin of the project site, using it "as is," or other measures that would not alter the building or substantially affect the overall integrity of the historical resource. If the project cannot avoid modifications to a historic building or structure, the City shall require the following measures to be implemented to the extent feasible:</p> <ol style="list-style-type: none"> <li>1) If the building or structure can be preserved on site, but remodeling, renovation or other alterations are required, this work shall be conducted in compliance with the Secretary of the Interior's Standards for the Treatment of Historic Properties</li> <li>2) If a significant historic building or structure is proposed for major alteration or renovation, or to be moved and/or demolished, the City shall ensure that a qualified architectural historian thoroughly documents the building and associated landscaping and setting. Documentation shall include still and video photography and a written</li> </ol>	<p>Retain a qualified architectural historian to record and evaluate buildings or structures 50 years old or older, if it has not previously been evaluated.</p>	<p>Project applicant</p>	<p>Before altering or otherwise affecting a building or structure.</p>	<p>City of Sacramento Community Development Department</p>

Impacts	Mitigation Measures	Actions(s)	Implementing Party	Timing	Monitoring Party
	<p>documentary record/history of the building to the standards of the Historic American Building Survey or Historic American Engineering Record, including accurate scaled mapping, architectural descriptions, and scaled architectural plans, if available. The record shall be prepared in consultation with State Historic Preservation Officer and filed with the Office of Historic Preservation. The record shall be accompanied by a report containing site-specific history and appropriate contextual information. This information shall be gathered through site specific and comparative archival research, and oral history collection as appropriate.</p> <p>3) If preservation and reuse at the site are not feasible, the historical building shall be documented as described in item (2) and, when physically and financially feasible, be moved and preserved or reused in a manner consistent with the Secretary of the Interior Standards for the Treatment of Historic Properties.</p>				
<p><b>Impact 4.4-2: Impacts to Significant Archaeological Resources</b></p> <p>Future development under the WBSP could include properties that contain known or yet unknown archaeological resources. Therefore, ground-disturbing activities resulting from subsequent projects under the WBSP could result in discovery or damage of yet undiscovered archaeological resources as defined in CEQA Guidelines Section 15064.5. This would be a potentially significant impact.</p>	<p><b>Mitigation Measure 4.4-2: Response Measures for Potential Unknown Archaeological Resources</b></p> <p>Mitigation Measure 4.4-2 is intended for individual projects implemented under the WBSP. Where ground disturbing activities occur in native soils, or there is no evidence of extensive past ground disturbances, a qualified archaeologist meeting the United States Secretary of Interior guidelines for professional archaeologists will monitor ground- disturbing activities. If evidence of any historic-era subsurface archaeological features or deposits are discovered during construction-related earth-moving activities (e.g., ceramic shard, trash scatters), all ground-disturbing activity in the area of the discovery shall be halted until a qualified archaeologist can access the significance of the find. If after evaluation, a resource is considered significant, all preservation options shall be considered as required by CEQA, including possible data recovery, mapping, capping, or avoidance of the resource. If artifacts are recovered from significant historic archaeological resources, they shall be housed at a qualified curation facility. The results of the identification, evaluation, and/or data recovery program for any unanticipated discoveries shall be presented in a professional-quality report that details all methods and findings, evaluates the nature and significance of the resources, analyzes and interprets the results, and distributes this information to the public.</p>	<p>Retain a qualified archaeologist to monitor ground disturbing activities in native soils, or where there is no evidence of extensive past ground disturbances.</p>	<p>Project applicant</p>	<p>Prior to ground disturbing activities such as grading and excavation activities for individual applicable development projects.</p>	<p>City of Sacramento Community Development Department</p>
<p><b>Impact 4.4-3: Impacts to Tribal Cultural Resources</b></p> <p>Consultation with UAIC and Wilton Rancheria has revealed that the Specific Plan Area is considered culturally sensitive. Therefore, it is possible that known or yet undiscovered tribal cultural resources could be encountered or damaged through implementation of subsequent projects under the WBSP. This would result in a potentially significant impact.</p>	<p><b>Mitigation Measure 4.4-3a: Implement a Cultural Resources and Tribal Cultural Resources Sensitivity and Awareness Training Program Prior to Ground-Disturbing Activities</b></p> <p>The City shall require the applicant/contractor to provide a cultural resources and tribal cultural resources sensitivity and awareness training program (Worker Environmental Awareness Program [WEAP]) for all personnel involved in project construction, including field consultants and construction workers. The WEAP will be developed in coordination with an archaeologist meeting the Secretary of the Interior’s Professional Qualifications Standards for Archeology, as well as culturally affiliated Native American tribes. The City may invite Native American representatives from interested culturally affiliated Native American tribes to participate. The WEAP shall be conducted before any project-related construction activities begin at the project site. The WEAP will include relevant information regarding sensitive cultural resources and tribal cultural resources, including applicable regulations, protocols for avoidance, and consequences of violating State laws and regulations.</p> <p>The WEAP will also describe appropriate avoidance and impact minimization measures for cultural resources and tribal cultural resources that could be located at the project site and will outline what to do and who to contact if any potential cultural resources or tribal cultural resources are encountered. The WEAP will emphasize the requirement for confidentiality and culturally appropriate treatment of any discovery of significance to Native Americans and will discuss appropriate behaviors and responsive actions, consistent with Native American tribal values.</p> <p><b>Mitigation Measure 4.4-3b: In the Event That Cultural Resources or Tribal Cultural Resources Are Discovered During Construction, Implement Avoidance and Minimization Measures to Avoid Significant Impacts and Procedures to Evaluate Resources</b></p> <p>If cultural resources or tribal cultural resources (such as structural features, unusual amounts of bone or shell, artifacts, or human remains) are encountered at the project site during construction, work shall be suspended within 100 feet of the find (based on the apparent distribution of cultural materials), and the construction contractor shall immediately notify the project’s City representative. Avoidance and preservation in place is the preferred manner of mitigating impacts to cultural resources and tribal cultural resources. This will be accomplished, if feasible, by several alternative means, including:</p> <ul style="list-style-type: none"> <li>▶ Planning construction to avoid tribal cultural resources, archaeological sites and/or other cultural resources; incorporating cultural resources within parks, green-space or other open space; covering archaeological</li> </ul>	<p>Develop a Worker Environmental Awareness Program in coordination with a qualified archaeologist and culturally affiliated Native American tribes, for all personnel involved in project construction, including field consultants and construction workers.</p> <p>Cease work if a discovery is made and notify the project’s City representative. Avoid and preserve in place if feasible.</p>	<p>Project applicant</p> <p>Project applicant</p>	<p>Prior to ground disturbing activities such as grading and excavation activities for individual applicable development projects.</p> <p>During ground disturbing activities.</p>	<p>City of Sacramento Community Development Department</p> <p>City of Sacramento Community Development Department</p>



Impacts	Mitigation Measures	Actions(s)	Implementing Party	Timing	Monitoring Party
	<p>resources; deeding a cultural resource to a permanent conservation easement; or other preservation and protection methods agreeable to consulting parties and regulatory authorities with jurisdiction over the activity.</p> <ul style="list-style-type: none"> <li>▶ Recommendations for avoidance of cultural resources and tribal cultural resources will be reviewed by the City representative, interested culturally affiliated Native American tribes and other appropriate agencies, in light of factors such as costs, logistics, feasibility, design, technology and social, cultural and environmental considerations, and the extent to which avoidance is consistent with project objectives. Avoidance and design alternatives may include realignment within the project site to avoid cultural resources or tribal cultural resources, modification of the design to eliminate or reduce impacts to cultural resources or tribal cultural resources or modification or realignment to avoid highly significant features within a cultural resource or tribal cultural resource.</li> <li>▶ Native American representatives from interested culturally affiliated Native American tribes will be invited to review and comment on these analyses and shall have the opportunity to meet with the City representative and its representatives who have technical expertise to identify and recommend feasible avoidance and design alternatives, so that appropriate and feasible avoidance and design alternatives can be identified.</li> <li>▶ If the discovered cultural resource or tribal cultural resource can be avoided, the construction contractor(s), will install protective fencing outside the site boundary, including a 100-foot buffer area, before construction restarts. The boundary of a cultural resource or a tribal cultural resource will be determined in consultation with interested culturally affiliated Native American tribes and tribes will be invited to monitor the installation of fencing. Use of temporary and permanent forms of protective fencing will be determined in consultation with Native American representatives from interested culturally affiliated Native American tribes.</li> </ul> <p>The construction contractor(s) will maintain the protective fencing throughout construction to avoid the site during all remaining phases of construction. The area will be demarcated as an "Environmentally Sensitive Area".</p> <p>If a cultural resource or a tribal cultural resource cannot be avoided, the following performance standard shall be met prior to continuance of construction and associated activities that may result in damage to or destruction of cultural resources or tribal cultural resources:</p> <ul style="list-style-type: none"> <li>▶ Each resource will be evaluated for California Register of Historical Resources (CRHR) eligibility through application of established eligibility criteria (California Code of Regulations 15064.636), in consultation with consulting Native American Tribes, as applicable.</li> </ul> <p>If a cultural resource or a tribal cultural resource is determined to be eligible for listing in the CRHR, the City will avoid damaging effects to the resource in accordance with California PRC Section 21084.3, if feasible. The City shall coordinate the investigation of the find with a qualified archaeologist (meeting the Secretary of the Interior's Professional Qualifications Standards for Archeology) approved by the City and with interested culturally affiliated Native American tribes that respond to the City's invitation. As part of the site investigation and resource assessment, the City and the archaeologist shall consult with interested culturally affiliated Native American tribes to assess the significance of the find, make recommendations for further evaluation and treatment as necessary and provide proper management recommendations should potential impacts to the resources be determined by the City to be significant. A written report detailing the site assessment, coordination activities, and management recommendations shall be provided to the City representative by the qualified archaeologist. These recommendations will be documented in the project record. For any recommendations made by interested culturally affiliated Native American tribes that are not implemented, a justification for why the recommendation was not followed will be provided in the project record.</p> <p>Native American representatives from interested culturally affiliated Native American Tribes and the City representative will also consult to develop measures for long-term management of any discovered tribal cultural resources. Consultation will be limited to actions consistent with the jurisdiction of the City and taking into account ownership of the subject property. To the extent that the City has jurisdiction, routine operation and maintenance within tribal cultural resources retaining tribal cultural integrity shall be consistent with the avoidance and minimization standards identified in this mitigation measure.</p> <p>If the City determines that the project may cause a significant impact to a tribal cultural resource, and measures are not otherwise identified in the consultation process, the following are examples of mitigation capable of avoiding or substantially lessening potential significant impacts to a tribal cultural resource or alternatives that would avoid significant impacts to the resource. These measures may be considered to avoid or minimize</p>	<p>If avoidance is not possible, each resource will be evaluated for CRHR eligibility</p>	<p>Project applicant</p>	<p>During ground disturbing activities.</p>	<p>City of Sacramento Community Development Department</p>

Impacts	Mitigation Measures	Actions(s)	Implementing Party	Timing	Monitoring Party
	<p>significant adverse impacts and constitute the standard by which an impact conclusion of less-than significant may be reached:</p> <ul style="list-style-type: none"> <li>▶ Avoid and preserve resources in place, including, but not limited to, planning construction to avoid the resources and protect the cultural and natural context, or planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.</li> <li>▶ Treat the resource with culturally appropriate dignity taking into account the Tribal cultural values and meaning of the resource, including, but not limited to, the following:                             <ul style="list-style-type: none"> <li>▪ Protect the cultural character and integrity of the resource.</li> <li>▪ Protect the traditional use of the resource.</li> <li>▪ Protect the confidentiality of the resource.</li> <li>▪ Establish permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or using the resources or places.</li> <li>▪ Protect the resource.</li> </ul> </li> </ul>				
<p><b>Impact 4.4-4: Discovery of Human Remains</b> Though there are identified sacred sites within the Specific Plan Area, no known past cemeteries are present. Earth-moving activities associated with subsequent projects implemented under the WBSP could disturb or destroy previously undiscovered human remain or burials. This impact is considered potentially significant.</p>	<p><b>Mitigation Measure 4.4-4: Response Protocol in Case Human Remains are Uncovered</b> Consistent with the California Health and Safety Code and the California Native American Historical, Cultural, and Sacred Sites Act, if suspected human remains are found during future project-level construction, all work shall be halted in the immediate area and place an exclusion zone (lath and flagging) around the burial. The Principal Investigator will notify the City of Sacramento Police Department, who will in turn notify the county coroner to determine the nature of the remains. The coroner shall examine all discoveries of suspected human remains within 48 hours of receiving notice of a discovery on private or State lands (Health and Safety Code Section 7050.5[b]). If the coroner determines that the remains are those of a Native American, he or she shall contact the NAHC by phone within 24 hours of making that determination (Health and Safety Code Section 7050[c]). The NAHC shall then assign an MLD to serve as the main point of Native American contact and consultation. Following the coroner's findings, the MLD, in consultation with the City, shall determine the ultimate treatment and disposition of the remains.</p>	Cease work and notify the City of Sacramento Police Department.	Project applicant	Prior to ground disturbing activities such as grading and excavation activities for individual applicable development projects.	City of Sacramento Community Development Department
<b>4.8 Hazards and Hazardous Materials</b>					
<p><b>Impact 4.8-1: Exposure to Hazardous Materials During Construction</b> Construction of residential, commercial, industrial, and public facilities under the WBSP would involve the use, storage, and transport of hazardous materials. All such hazardous materials and activities would be typical for such uses, and would be expected to be used in compliance with local, state, and federal regulations, which would minimize but not eliminate the potential for upset or accident conditions. A Phase I ESA has not been completed for the Specific Plan Area, although one would be prepared for individual developments within it. As a result, unknown environmental conditions could be encountered during construction. The impact to the public and the environment from exposure to these unknown hazardous materials and other hazards during construction would be potentially significant.</p>	<p><b>Mitigation Measure 4.8-1a: Complete a Phase I ESA and Implement Recommended Actions</b> A site-specific Phase I ESA shall be completed by project applicants for individual projects within the Specific Plan Area. Each Phase I ESA shall be performed in general conformance with the scope and limitations of ASTM E 1527-13 "Standard Practice for Environmental Site Assessments" and EPA "Standards and Practices for All Appropriate Inquires," 40 CFR Part 312. If existing hazardous materials contamination is identified in the Phase I ESA, and the Phase I ESA recommends further review, the project applicant shall retain a Registered Environmental Assessor or other qualified professional to conduct follow-up sampling to characterize the contamination and to identify and require appropriate remediation that shall be conducted. Recommendations may include, but are not limited to, guidance on mitigating hazards from encountering contaminated groundwater, including measures related to disturbance of existing treatment systems, drilling, groundwater extraction, or vapor intrusion. These recommendations shall be implemented, and the site shall be deemed remediated by the appropriate agency (DTSC or Sacramento County EMD) or Sacramento County shall issue a no further action letter before earth disturbance in the vicinity of the contamination.</p> <p><b>Mitigation Measure 4.8-1b: Adhere to California Excavation Laws and Coordinate with Local Utilities to Ensure Safety and Accessibility of Pipelines</b> Before issuance of grading permits or improvement plans, project applicants shall coordinate with local utility providers to prepare final site design that adheres to pipeline setback recommendations. Project applicants shall coordinate with local utilities prior to and during construction to ensure appropriate inspection, access, grading, and excavation. Project applicants shall comply with Excavation Law detailed in the California Excavation Manual (USA North 811 2018) and Title 49 CFR Part 196, discussed in Section 4.8.1, "Regulatory Setting."</p>	<p>Complete site-specific Phase 1 ESA.</p> <p>Coordinate with local utility providers to prepare final site design that adheres to pipeline setback recommendations.</p>	<p>Project applicant</p> <p>Project applicant</p>	<p>Prior to ground disturbing activities such as grading and excavation activities for individual applicable development projects.</p> <p>Prior to issuance of grading permits or improvement plans.</p>	<p>City of Sacramento Community Development Department</p> <p>City of Sacramento Community Development Department</p>

Impacts	Mitigation Measures	Actions(s)	Implementing Party	Timing	Monitoring Party
	<p>For projects located near gas pipelines owned or maintained by PG&amp;E, project applicants shall coordinate with PG&amp;E to ensure the following as appropriate:</p> <ul style="list-style-type: none"> <li>▶ A PG&amp;E Gas Transmission Standby Inspector must be present during any demolition or construction activity that comes within 10 feet of the gas pipeline.</li> <li>▶ Access to gas pipelines shall be available at any time. Any construction equipment, materials, or spoils may need to be removed upon notice. Any temporary construction fencing installed within PG&amp;E's easement would also need to be capable of being removed at any time upon notice.</li> <li>▶ Weight limits shall be enforced whenever any equipment gets within 10 feet of traversing the pipe.</li> <li>▶ A minimum of 36 inches of cover over gas pipelines (or existing grade if less) and a maximum of 7 feet of cover at all locations shall be required. The graded surface cannot exceed a cross slope of 1:4.</li> <li>▶ Any digging within 2 feet of a gas pipeline shall be dug by hand. Note that while the minimum clearance is only 12 inches, any excavation work within 24 inches of the edge of a pipeline shall be done with hand tools.</li> <li>▶ PG&amp;E Pipeline Services must review and approve all plans to bore across or parallel to (within 10 feet) a gas transmission pipeline.</li> <li>▶ All utility crossings of a gas pipeline should be made as close to perpendicular as feasible (90° +/- 15°). All utility lines crossing the gas pipeline must have a minimum of 12 inches of separation from the gas pipeline.</li> <li>▶ No structures are to be built within the PG&amp;E gas pipeline easement. This includes buildings, retaining walls, fences, decks, patios, carports, septic tanks, storage sheds, tanks, loading ramps, or any structure that could limit PG&amp;E's ability to access its facilities.</li> <li>▶ Permanent fencing is not allowed within PG&amp;E easements except for perpendicular crossings which must include a 16-foot-wide gate for vehicular access.</li> <li>▶ Landscaping must be designed to allow PG&amp;E to access the pipeline for maintenance and not interfere with pipeline coatings or other cathodic protection systems.</li> <li>▶ Any proposed facilities, such as metal conduit, pipes, service lines, ground rods, anodes, wires, etc. that might affect the pipeline cathodic protection system must be reviewed and approved by PG&amp;E Corrosion Engineering.</li> <li>▶ Pipeline marker signs that are in direct conflict with proposed developments may only be temporarily relocated to accommodate construction work with prior written approval from PG&amp;E Pipeline Services.</li> <li>▶ Any plans that impact PG&amp;E's facilities must be reviewed and approved by PG&amp;E to ensure that no impact occurs which may endanger the safe operation of its facilities.</li> </ul>				
<p><b>Impact 4.8-4: Impair Implementation of or Physically Interfere with an Emergency Response Plan or Emergency Evacuation Area</b></p> <p>Development under the WBSP may require temporary road closures during construction that could restrict the movement of vehicular traffic and may interfere with emergency response or emergency evacuation. Once operational, a future developments pursuant to the WBSP would not interfere with emergency response and would ensure adequate access. Because construction activities within the Specific Plan Area could result in roadway closures and could interfere with an emergency response plan or emergency evacuation area, impacts would be potentially significant.</p>	<p><b>Mitigation Measure 4.8-4: Prepare Construction Traffic Management Plan</b></p> <p>Implement Mitigation Measure 4.12-7.</p>	<p>Refer to Mitigation Measure 4.12-7.</p>	<p>Refer to Mitigation Measure 4.12-7.</p>	<p>Refer to Mitigation Measure 4.12-7.</p>	<p>Refer to Mitigation Measure 4.12-7.</p>
<p><b>4.10 Noise and Vibration</b></p>					
<p><b>Impact 4.10-1: Operational Noise</b></p> <p>Operation of development permitted under the WBSP would include noise from additional traffic as well as non-transportation sources such as noise associated with loading docks and garbage collection services. These activities would result in increased elevated noise levels near sensitive receptors. Further, it is possible that such activities could</p>	<p><b>Mitigation Measure 4.10-1: Loading Dock Noise</b></p> <p>For development of new commercial or mixed-use buildings within the Specific Plan Area, the applicant shall demonstrate that noise levels from loading docks would not exceed the stationary noise standards established in the City's Code. To demonstrate that a proposed development would meet the City's stationary noise standards, the applicant must implement the following measures:</p>	<p>Submit engineering and acoustical specification for the proposed locations of onsite loading docks.</p>	<p>Project applicant</p>	<p>Prior to the issuance of building permits.</p>	<p>City of Sacramento Community Development Department</p>

Impacts	Mitigation Measures	Actions(s)	Implementing Party	Timing	Monitoring Party
<p>occur during non-exempt evening and nighttime hours and exceed the City's nighttime noise standard. This impact would be potentially significant.</p>	<p>a) Before the issuance of building permits, the applicant shall submit engineering and acoustical specification for the proposed locations of onsite loading docks to the Planning Director, demonstrating that the loading dock design (types, location, enclosure, specification) will control noise from the equipment to at least 10 dB below existing ambient levels at nearby residential and other noise sensitive land uses.</p> <p>b) Noise-generating stationary equipment associated with proposed commercial and/or office uses, including portable generators, compressors, and compactors shall be enclosed or acoustically shielded to reduce noise-related impacts to noise-sensitive residential uses.</p>	<p>Enclose or acoustically shield noise-generating stationary equipment.</p>	<p>Project applicant</p>	<p>Prior to the issuance of building permits.</p>	<p>City of Sacramento Community Development Department</p>
<p><b>Impact 4.10-2: Construction Noise and Vibration</b> Construction activities within the W BSP could result in a substantial or temporary periodic increase in ambient noise levels to sensitive receptors in the area. This impact would be potentially significant.</p>	<p><b>Mitigation Measure 4.10-2: Construction Noise</b> For all projects in the Specific Plan Area that require a building permit, the City shall require that the contractor implement the following measures during all phases of construction:</p> <p>a) All heavy construction equipment and all stationary noise sources (such as diesel generators) shall have manufacturer-installed mufflers.</p> <p>b) Auger displacement shall be used for installation of foundation piles, if feasible.</p> <p>c) Restrict heavy-duty equipment operations in close proximity to buildings.</p> <p>If impact pile driving is required, sonic pile drivers shall be used, unless engineering studies are submitted to the City that show this is not feasible, based on geotechnical considerations.</p>	<p>Implement on-site measures to reduce construction noise and vibration.</p>	<p>Project applicant</p>	<p>During construction.</p>	<p>City of Sacramento Community Development Department</p>
<p><b>Impact 4.10-4: Construction Vibration</b> Construction of projects within the Specific Plan Area may require the use of bulldozers, impact pile drivers and other large construction equipment that could result in vibration effects. Construction activities, including impact pile driving, would be temporary and intermittent at any particular location and use in the Specific Plan Area. Due to the close proximity of existing sensitive land uses to potential W BSP construction areas, vibration levels generated during impact pile driving, if required, could exceed the applied vibration thresholds for human annoyance and/or building damage at nearby existing sensitive receptors and existing historic structures. This would result in a short-term potentially significant impact.</p>	<p><b>Mitigation Measure 4.10-4(a)</b> Implement Mitigation Measure 4.10-2.</p> <p><b>Mitigation Measure 4.10-4(b)</b> For all projects in the Specific Plan Area that require the use of graders or impact pile drivers, before the issuance of any demolition, grading, or building permit, the applicant shall develop and submit a Vibration Reduction Plan to the City Chief Building Official for approval. The Plan shall include measures that will reduce vibration at surrounding buildings to less than 80 VdB and 83 VdB where people sleep and work, respectively, and less than 0.25 PPV for historic buildings. Measures and controls are not limited to, some or all of the following:</p> <ol style="list-style-type: none"> <li>1) Inclusion of buffers and selection of equipment to minimize vibration impacts during construction at nearby receptors to meet the specified standards.</li> <li>2) Implementation of a vibration, crack, and line and grade monitoring program at existing Nationally registered, State listed, and locally recognized historic buildings located within 47 feet of construction activities. The following elements shall be included in this program:                     <ol style="list-style-type: none"> <li>i. Before start of construction:                             <ol style="list-style-type: none"> <li>1. The applicant or construction contractor shall install crack gauges on proximate historic structures.</li> </ol> </li> <li>ii. During building construction:                             <ol style="list-style-type: none"> <li>1. The construction contractor shall regularly inspect and photograph crack gauges, maintaining records of these inspections to be included in post-construction reporting. Gauges shall be inspected every two weeks, or more frequently during periods of active project actions in close proximity to crack gauges.</li> <li>2. The construction contractor shall collect vibration data from receptors and report vibration levels to the City Chief Building Official on a monthly basis. The reports shall include annotations regarding project activities as necessary to explain changes in vibration levels, along with proposed corrective actions to avoid vibration levels approaching or exceeding the established threshold.</li> <li>3. If vibration levels exceed the threshold and monitoring or inspection indicates that the project is damaging the historic structure, additional protection or stabilization shall be implemented. If necessary and with approval by the City Chief Building Official, the construction contractor shall install temporary shoring or stabilization to help avoid permanent impacts. Stabilization may involve structural reinforcement or corrections for deterioration that would minimize or avoid potential structural failures or avoid accelerating damage to the historic structure. Stabilization shall be conducted following the Secretary of Interior Standards Treatment of Preservation. This treatment shall ensure retention of the historical resource's character-defining features. Stabilization may temporarily impair the historic integrity of the building's design, material, or setting, and as such, the</li> </ol> </li> </ol> </li> </ol>	<p>Refer to Mitigation Measure 4.10-2, above.</p> <p>Develop and implement a Vibration Reduction Plan</p>	<p>Refer to Mitigation Measure 4.10-2, above.</p> <p>Project applicant</p>	<p>Refer to Mitigation Measure 4.10-2, above.</p> <p>Prior to the issuance of any demolition, grading, or building permit</p>	<p>Refer to Mitigation Measure 4.10-2, above.</p> <p>City of Sacramento Community Development Department</p>

Impacts	Mitigation Measures	Actions(s)	Implementing Party	Timing	Monitoring Party
	<p>stabilization must be conducted in a manner that will not permanently impair a building's ability to convey its significance. Measures to shore or stabilize the building shall be installed in a manner that avoids damage to the historic integrity of the building, including integrity of material.</p> <p>iii. Post-construction:</p> <ol style="list-style-type: none"> <li>1. At the conclusion of vibration generating construction activities, the applicant shall submit a crack and vibration monitoring report to the summary of the monitoring activities and their findings; photographs illustrating the post-construction state of cracks and material conditions that were presented in the pre-construction assessment report; annotated analysis of vibration data related to project activities; a summary of measures undertaken to avoid vibration impacts; a post-construction line and grade survey; and photographs of other relevant conditions showing the impact, or lack of impact, of project activities. The photographs shall be of sufficient detail to illustrate damage, if any, caused by the project and/or show how the project did not cause physical damage to the historic and non-historic buildings.</li> <li>2. The applicant shall be responsible for repairs from damage to historic and non-historic buildings if damage is caused by vibration or movement during the demolition and/or construction activities. Repairs may be necessary to address, for example, cracks that expanded as a result of the project, physical damage visible in post-construction assessment, or holes or connection points that were needed for shoring or stabilization. Repairs shall be limited to project impacts and do not apply to general rehabilitation or restoration activities of the buildings. If necessary for historic structures, repairs shall be conducted in compliance with the Secretary of Interior Standards Treatment of Preservation. The applicant shall provide a work plan for the repairs and a completion report to ensure compliance with the SOI Standards to the City Chief Building Official and City Preservation Director for review and comment.</li> </ol>				
<b>4.12 Transportation and Circulation</b>					
<p><b>Impact 4.12-1: Impacts to Vehicle Miles Traveled</b></p> <p>The WBSP would result in reduced VMT per service population relative to Existing Conditions, but would exceed 85 percent of the existing VMT per service population average for the SACOG region under Existing Plus Project conditions. The WBSP is located within a Transit Priority Area under year 2036 conditions, as identified by SACOG in the 2016 MTP/SCS, which provides exemption for significant impact to vehicle miles traveled. However, the City of Sacramento does not provide transit service, and cannot guarantee the timing of additional transit service within the study area. Therefore, this would be a significant impact.</p>	<p><b>Mitigation Measure 4.12-1: High-Quality Transit Service</b></p> <p>As new development is proposed and/or the City makes streetscape improvements within the WBSP, the City of Sacramento shall coordinate with Regional Transit, the local transit provider, to identify and support the provision of additional transit service and/or facility improvements within the Specific Plan Area with a goal of bus service within one-half mile of every residence at a frequency of not less than 15 minutes during the weekday AM and PM peak hours. Potential transit improvements may include modifying existing transit routes or adding new routes to serve areas, including the WBSP, underserved by transit.</p>	<p>Coordinate with Regional Transit to identify and support the provision of additional transit service and/or facility improvements.</p>	<p>City Department of Public Works</p>	<p>As new development is proposed and/or the City makes streetscape improvements within the WBSP.</p>	<p>City of Sacramento Community Development Department</p>
<p><b>Impact 4.12-7: Construction-Related Impacts</b></p> <p>Construction of the WBSP would involve large amounts of grading, earthwork, and construction activities over an extended period of time. Large numbers of trucks and employee trips would enter and exit the Specific Plan Area during construction. These activities could cause lane closures, damage to roadways, and increased conflicts with bicyclists, pedestrians, and transit. However, because of the extent and duration of construction, and the associated potential for prolonged lane closures, damage to roadbeds, and traffic hazards to bikes/pedestrians, WBSP impacts during construction would be significant.</p>	<p><b>Mitigation Measure 4.12-7: Prepare Construction Traffic Management Plan</b></p> <p>Before issuance of any demolition or building permits for any phase of the project, the project applicant shall prepare a detailed Construction Traffic Management Plan that will be subject to review and approval by the City Department of Public Works, in consultation with affected transit providers, and local emergency service providers including the City of Sacramento Fire and Police departments. The plan shall ensure that acceptable operating conditions on local roadways are maintained. At a minimum, the plan shall include:</p> <ul style="list-style-type: none"> <li>▶ The number of truck trips, time, and day of street closures</li> <li>▶ Time of day of arrival and departure of trucks</li> <li>▶ Limitations on the size and type of trucks, provision of a staging area with a limitation on the number of trucks that can be waiting</li> <li>▶ Provision of a truck circulation pattern</li> <li>▶ Identification of detour routes and signing plan for street closures</li> <li>▶ Provision of driveway access plan so that safe vehicular, pedestrian, and bicycle movements are maintained (e.g., steel plates, minimum distances of open trenches, and private vehicle pick up and drop off areas)</li> </ul>	<p>Prepare a detailed Construction Traffic Management Plan</p>	<p>Project applicant</p>	<p>Prior to issuance of any demolition or building permits.</p>	<p>City of Sacramento Community Development Department</p>

Impacts	Mitigation Measures	Actions(s)	Implementing Party	Timing	Monitoring Party
	<ul style="list-style-type: none"> <li>▶ Maintain safe and efficient access routes for emergency vehicles and transit</li> <li>▶ Manual traffic control when necessary</li> <li>▶ Proper advance warning and posted signage concerning street/lane closures</li> <li>▶ Provisions for pedestrian and bicycle safety</li> </ul> <p>A copy of the approved construction traffic management plan shall be submitted to local emergency response agencies and transit providers, and these agencies shall be notified at least 30 days before the commencement of construction that would partially or fully obstruct roadways.</p> <p>The project applicant, in coordination with the City of Sacramento, Regional Transit, and other transit providers within the project vicinity and subject to their approval, shall identify temporary bus stop locations and cause ADA-compliant replacement bus stop facilities to be constructed in place of any bus stops that need to be temporarily closed during project construction. The relocation of bus stops may have a secondary impact related to the loss/relocation of a small number of on-street parking spaces and/or loading zones. This secondary impact would not be significant.</p>				
<p><b>Impact 4.12-10: Cumulative Impacts to Freeway Off-Ramp Queuing</b></p> <p>The project would worsen off-ramp queueing under cumulative conditions. During the PM peak hour, the US 50 eastbound off-ramp queue at X Street / 5th Street would extend beyond storage capacity under Cumulative No Project conditions. The addition of the WBSP would exacerbate this unacceptable condition, which would be considered cumulatively considerable. Therefore, this would be a potentially significant cumulative impact.</p>	<p><b>Mitigation Measure 4.12-10: Pay Fair Share Contribution to I-5 Freeway Subregional Corridor Mitigation Program</b></p> <p>Pay fair share contribution to the I-5 Freeway Subregional Corridor Mitigation Program (SCMP).</p>	<p>Pay fair share contribution to the I-5 Freeway Subregional Corridor Mitigation Program.</p>	<p>Project applicant.</p>	<p>Prior to issuance of any demolition or building permits.</p>	<p>City of Sacramento Community Development Department, Caltrans</p>
<b>4.13 Utilities and Service Systems</b>					
<p><b>Impact 4.13-2: Wastewater Treatment and Stormwater Drainage Demand and Capacity.</b></p> <p>The existing CSS experiences combined sewer outflows and overflows during heavy-rainfall. Project development would generate additional sanitary sewer flows and stormwater drainage that would increase demand. Because the CSS may be inadequate during wet weather flows and the project would increase demand, this impact would be potentially significant.</p>	<p><b>Mitigation Measure 4.13-2a: Stormwater Drainage Improvements</b></p> <p>The City shall manage wastewater from the WBSP such that it shall not exceed existing CSS capacity by implementing one or more of the following methods:</p> <ul style="list-style-type: none"> <li>▶ Project applicants within the Specific Plan Area shall pay the established CSS drainage impact fee. This fee is currently \$6.89 per square foot of increased imperviousness;</li> <li>▶ Project applicants within the WBSP shall directly mitigate the impacts utilizing low impact development Best Management Practices (BMPs);</li> <li>▶ Project applicants within the WBSP shall directly mitigate the impacts via an on-site or off-site improvement (e.g., installation of new drainage infrastructure) as determined by a Drainage Design Report;</li> <li>▶ For projects disturbing less than 2 acres, project applicants within the WBSP shall prepare a Drainage Design Report and provide a minimum of 7,600 cubic-feet of on-site storage per acre of increased impervious area. The maximum discharge flow rate from the on-site storage shall be required to be limited to 0.18 cfs per acre; or</li> <li>▶ At the City's discretion, project applicants within the WBSP shall share in a City-sponsored project that improves the system in the area and can be upsized to incorporate mitigation of the project. A separate cost sharing agreement shall be executed for this option.</li> </ul> <p><b>Mitigation Measure 4.13-2b: Sewer Flow Mitigation</b></p> <p>The City shall require the project applicant to mitigate the increased sewer flows for development within the WBSP. The City shall require one of the following measures to mitigate the impacts:</p> <ul style="list-style-type: none"> <li>▶ Project applicants within the WBSP shall pay the established CSS mitigation fee, identified in Chapter 13.08 of the City code, which requires developers to pay a development fee to recover an appropriate share of the capital costs of the CSS facilities needed to accommodate new development in the CSS area.; or</li> <li>▶ At the City's discretion, the project applicants within the WBSP shall participate in a City-sponsored project that improves the system in the area and can be upsized to incorporate mitigation of the project. A separate cost sharing agreement shall be executed for this option.</li> </ul>	<p>Pay the established CSS drainage impact fee. Use low impact development. Pay share for improvements to upsize or upgrade the CSS infrastructure; a separate cost sharing agreement may be executed.</p> <p>Pay the established CSS mitigation fee. Participate in a project that can be upsized to incorporate mitigation of the project; a separate cost sharing agreement may be executed.</p>	<p>Project applicant</p> <p>Project applicant</p>	<p>To be determined by the City based on citywide water demand and supply.</p> <p>To be determined by the City based on citywide water demand and supply.</p>	<p>City of Sacramento Public Works Department</p> <p>City of Sacramento Public Works Department</p>

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# **Appendix A**

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## **Air Quality Mitigation Plan for the West Broadway Specific Plan**



AIR QUALITY MITIGATION PLAN

# West Broadway Specific Plan

PREPARED FOR:

*City of*  
**SACRAMENTO**

Technical Report for the  
City of Sacramento

## West Broadway Specific Plan Air Quality Mitigation Plan

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# 1 INTRODUCTION

The West Broadway Specific Plan (WBSP or project) is located on approximately 240 acres within the City of Sacramento. Adoption of the plan would qualify as a project under the California Environmental Quality Act (CEQA), and an environmental impact report (EIR) has been prepared to assess the potential impacts of development pursuant to the WBSP. Development of the project would result in emissions of criteria air pollutants and ozone precursors during both the construction and operational phases. Construction-related impacts would be short-term and associated with the use of heavy-duty equipment. Construction-related emissions are evaluated in Chapter 2, "Air Quality" of the project's EIR. Operational emissions would be associated with vehicle trip generation, area sources (e.g., landscaping equipment, consumer products, architectural coatings), and energy use (e.g., natural gas for area heating, electricity for cooling and appliances). This Air Quality Mitigation Plan (AQMP) addresses the operational impacts by proposing mitigation measures to be applied to the project. The measures contained herein are considered necessary for the project to meet the requirements of CEQA and to meet regional air quality goals.

The WBSP is subject to CEQA review and, as a commenting agency, the Sacramento Metropolitan Air Quality Management District (SMAQMD) assesses whether this project has significant air pollutant impacts. If impacts are significant, then in accordance with SMAQMD guidance, an AQMP is required by SMAQMD to address these significant impacts. This AQMP has been prepared to supplement the CEQA analysis and serves as mitigation, as referenced in the EIR, for emissions of long-term criteria air pollutants and ozone precursors. The AQMP specifies the measures that will be applied to address the potentially significant impact of regional ozone precursor emissions of oxides of nitrogen (NO<sub>x</sub>), reactive organic gases (ROG). The AQMP also addresses emissions from respirable particulate matter (PM<sub>10</sub>). However, SMAQMD does not have specific targets for PM<sub>10</sub> reduction as part of an AQMP but expects project proponents to demonstrate effort to reduce particulate matter emissions as part of the AQMP, if the project exceeds the SMAQMD daily emissions threshold for PM<sub>10</sub>.

## 1.1 PURPOSE OF THE AIR QUALITY MITIGATION PLAN

CEQA requires that EIRs identify and evaluate any significant environmental impacts of a proposed project. A project is determined to have potentially significant air quality impacts under CEQA if construction and/or operational emissions would exceed SMAQMD's established mass emission thresholds for ROG and NO<sub>x</sub>. SMAQMD has established construction thresholds of 85 pounds per day (lb/day) for ROG and NO<sub>x</sub>, and operational thresholds of 65 lb/day for ROG and NO<sub>x</sub>. Operational emissions are evaluated for the full build-out year of the project. Projects that exceed daily operational thresholds of 65 lb/day for ROG or NO<sub>x</sub> are considered operationally significant and required to prepare an AQMP (SMAQMD 2016). The analysis of significant effects shall quantify project-generated emissions of ozone precursors and then describe feasible measures that could minimize any significant adverse impacts. To assist in the evaluation of air quality impacts, SMAQMD developed its Recommended Guidance for Land Use Emission Reductions Version 4.0 (AQMP Guidance) dated November 30, 2017 (SMAQMD 2017). The AQMP Guidance outlines methods for estimating project-related operational emissions, establishing an emissions reduction target for the project, and quantifying emission reductions associated with SMAQMD-approved reduction measures.

An emissions reduction target of 15 percent of the project's mobile source emissions is required of projects that have been included in the most current State Implementation Plan (SIP), and a reduction target of 35 percent is required of projects that have not been included in the current SIP. The project area was included in the current SIP; thus, the project would be required to achieve (at a minimum) a 15 percent reduction in operational mobile source emissions of ozone precursor emissions. Measures included in this AQMP are incorporated by reference into the DEIR prepared for the project. This AQMP includes a description of the WBSP and the methodology used to establish both an unmitigated and a mitigated emissions scenario. These scenarios are based on project-specific data, traffic study, and available mitigation measures. The emissions scenarios are then compared to emission reduction targets and include an explanation of how the 15 percent reduction target for ROG and NO<sub>x</sub> is achieved.

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## 2 PROJECT DESCRIPTION

### 2.1 PROJECT LOCATION

The Specific Plan Area is located in the City, and is centrally located within the greater Sacramento region, including the cities of West Sacramento, Davis, and Woodland to the west; Elk Grove to the south; Rancho Cordova and Citrus Heights to the east; and Marysville, Roseville, Rocklin, and Lincoln to the north. At the local community scale, the Specific Plan Area is located within the Upper Land Park neighborhood of Sacramento, south of the Central City, and across the Sacramento River from the Pioneer Bluffs and Stone Locks areas of West Sacramento. The Specific Plan Area encompasses approximately 240 acres, bounded by the Sacramento River on the west; Broadway and Business 80/U.S. 50 to the north; Muir Way and 5<sup>th</sup> Street to the east; and 4<sup>th</sup> Avenue and Merkley Way to the south. I-5 travels north-south through the western portion of the Specific Plan Area and separates Miller Regional Park and the industrial lands east of it from the rest of the Specific Plan Area.

### 2.2 PROJECT SUMMARY

The WBSP includes land use regulations and policies designed to streamline the housing development process within the WBSP area, consistent with the Sacramento General Plan. The WBSP would provide a mix of traditional and urban-scale housing with neighborhood commercial uses, as well as a new vision for Miller Regional Park and the Sacramento Marina. The WBSP focuses on reintegrating the western portion of Broadway and the Upper Land Park area into the fabric and activity of the City. The WBSP is intended to build upon the existing assets and opportunities of the Specific Plan Area and guide future development in a manner consistent with adjacent development and the General Plan's goals and policies. The plan includes policies and implementing actions that would enhance circulation (primarily transit, bicycle, and pedestrian) within and through the Specific Plan Area, including connections to the Central City grid and surrounding neighborhood roadways and enhance and build upon existing amenities, including Miller Regional Park. The WBSP is also designed to reflect and dovetail with current and recently adopted City plans and planning and design efforts nearby, including the Mill at Broadway development, the Broadway Bridge, the Broadway Complete Streets Plan, and the Central City Specific Plan. Table 1 identifies the overall development assumptions and likely buildout conditions of the specific plan area, while Table 2 identifies the net development (by land use type) that could occur as a result of WBSP implementation. Figure 1 illustrates the conceptual land use plan for the WBSP.



**Table 1 Land Use and Development Assumptions Summary**

Subareas	Area (gross acres)	DEVELOPMENT ASSUMPTIONS					SPECIFIC PLAN DETAILS			
		Residential Density (units/gross acre)	Non-Residential FAR	Percent Residential	Percent Commercial	Percent Other Non-Residential	Dwelling Units	Commercial/Industrial Building Area (sq. ft.)	Public/Park/Recreation Building Area (sq. ft.)	Park/Open Space (acres)
West Broadway Gateway	25.4	85	0.5	60%	24%	36%	1,300 [3]	132,670	10,000	9.3
Marina/Miller Regional Park Special Study Area Scenario A	62.7	85	0.2	3%	7.8%	89.2%	150	40,000	20,000	59.3
Marina/Miller Regional Park Special Study Area Scenario B	62.7	85	0.2	3%	0	97.0%	150	0	5,000	59.3
Industrial Subarea	23.5	40	0.6	70%	30%	0%	660	185,200	0	0.0
Mill at Broadway	37.3	-	-	-	-	-	1,125 [4]	37,350	11,000	3.4
Alder Grove	35.2	29	0.4	90.5%	1%	8.5%	930	34,000	6,000	3.0
Marina Vista	38.8	18.5	-	95%	0%	5%	680	0	12,500	2.5
Land Park Woods	4.1	-	-	100%	-	-	55	0	3,800	0.0
School Sites	17.0	-	-	-	-	-	0	0	99,500	2.0
<b>Project Total (Miller Regional Park Scenario A)</b>	<b>244.0</b>						<b>4,900</b>	<b>429,220</b>	<b>162,800</b>	<b>79.5</b>
<b>Totals with Option (Miller Regional Park Scenario B)</b>	<b>244.0</b>						<b>4,900</b>	<b>389,220</b>	<b>147,800</b>	<b>79.5</b>

Notes: sq. ft. = square feet

[1] Other non-residential uses include parks and open space, public, and recreational buildings, and 300 boat slips in the Sacramento Marina.

[2] Other non-residential uses include parks and open space, public, and recreational buildings, and 475 boat slips in the Sacramento Marina.

[3] Assumes 1,300 residential dwelling units or a mix of residential homes and hotel rooms.

[4] Note development assumptions for The Mill include 300 units planned in Phase 5 of the project on lands located adjacent to the Industrial Subarea, east of 5<sup>th</sup> Street.

Source: City of Sacramento Parcel Data, assembled by Ascent Environmental, Inc., 2019

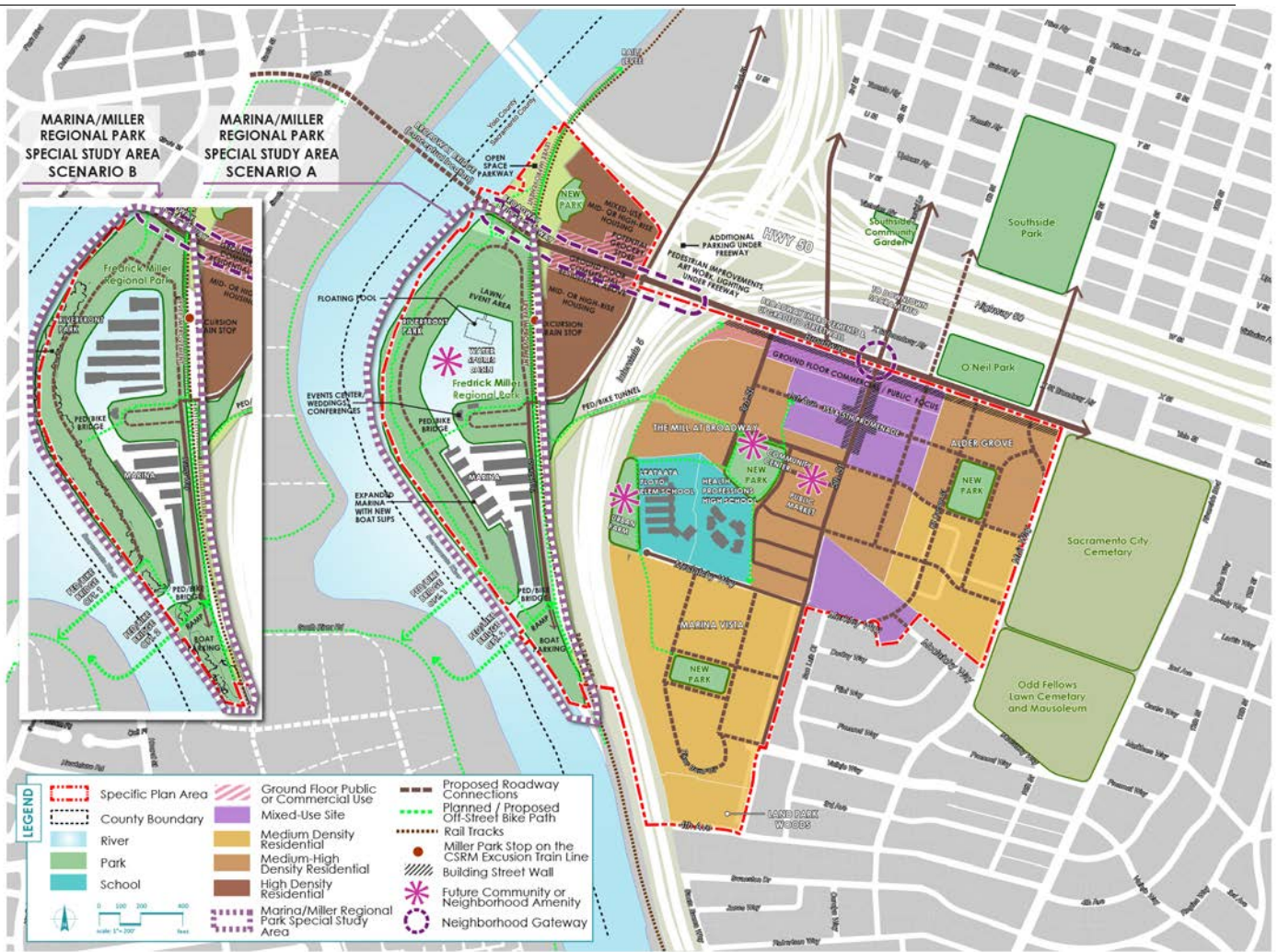
**Table 2 Comparison of the Potential Land Uses under the Proposed West Broadway Specific Plan to Existing and Planned Land Uses**

Subareas	Area (gross acres)	Existing Development Context				Planned and Approved but not Developed				Net Change With Specific Plan			
		Dwelling Units	Commercial/Industrial Building Area (sq. ft.)	Public/Park/Recreation Building Area (sq. ft.)	Park/Open Space (acres)	Dwelling Units	Commercial/Industrial Building Area (sq. ft.)	Public/Park/Recreation Building Area (sq. ft.)	Park/Open Space (acres)	Dwelling Units	Commercial/Industrial Building Area (sq. ft.)	Public/Park/Recreation Building Area (sq. ft.)	Park/Open Space (acres)
West Broadway Gateway [1]	25.4	0	26,045 [1]	0	0	0	0	0	0.0	1,300	106,625	10,000	9.3
Marina/Miller Regional Park Special Study Area Scenario A	62.7	0	0	5,000	62.7 [3]	0	0	0	0.0	150	40,000	15,000	-3.4
Marina/Miller Regional Park Special Study Area Scenario B	62.7	0	0	5,000	62.7 [3]	0	0	0	0.0	150	0	0	-3.4
Industrial Subarea	23.5	0	413,950	0	0.0	0	0	0	0.0	660	-228,750	0	0
Mill at Broadway [4]	37.3	307	0	0	0.0	518	37,350	11,000	3.4	818	37,350	11,000	3.4
Alder Grove	35.2	360	0	6,000	0.0	0	0	0	0.0	570	34,000	0	3.0
Marina Vista	38.8	391	0	6,000	0.0	0	0	0	0.0	289	0	6,500	2.5
Land Park Woods	4.1	55	0	3,800	0.0	0	0	0	0.0	0	0	0	0
School Sites	17.0	0	0	99,500	0.0	0	0	0	2.0	0	0	0	2.0
<b>Total with Miller Regional Park Scenario A</b>	<b>244.0</b>	<b>1,113</b>	<b>439,995</b>	<b>120,300</b>	<b>62.7</b>	<b>518</b>	<b>37,350</b>	<b>11,000</b>	<b>5.4</b>	<b>3,787</b>	<b>-10,775</b>	<b>42,500</b>	<b>16.8</b>
<b>Total with Miller Regional Park Scenario B</b>	<b>244.0</b>	<b>1,113</b>	<b>439,995</b>	<b>120,300</b>	<b>62.7</b>	<b>518</b>	<b>37,350</b>	<b>11,000</b>	<b>5.4</b>	<b>3,787</b>	<b>-50,776</b>	<b>27,500</b>	<b>16.8</b>

Notes: sq. ft. = square feet

- [1] The building area identified includes the existing buildings for Chevron and ConocoPhillips located adjacent to Front Street. The existing fuel storage tanks and other miscellaneous structures are not included in this calculation.
- [2] Assumes 1,300 residential dwelling units or a mix of residential homes and hotel rooms.
- [3] The parks and open space area for Miller Regional Park includes the tunnel under I-5. The proposed project, Scenario A for Miller Regional Park provides for 300 boat slips within the Sacramento Marina. Scenario B for Miller Regional would maintain the 475 boat slips within the Sacramento Marina.
- [4] Note development assumptions for The Mill in the existing context are based on number of existing Phase 1 and Phase 2 units constructed and occupied in 2018 at the time of the release of the Notice of Preparation. The Planned Context encompasses the remainder of the planned development, approved as part of the Northwest Land Park PUD Guidelines (Phase 1-4). Additionally, planning for The Mill Phase 5 to include another 300 units on new lands located east of 5<sup>th</sup> Street is underway and assumed in the future Specific Plan condition.

Source: City of Sacramento Parcel Data, assembled by Ascent Environmental, Inc., 2019



Source: Ascent Environmental Inc., 2019

Figure 1 Concept Plan for the West Broadway Specific Plan

## 3 METHODOLOGY

All emissions estimates and analyses presented in this AQMP were conducted based on the AQMP Guidance and discussions with SMAQMD staff. Emissions modeling was conducted using the California Emissions Estimator Model (CalEEMod) Version 2016.3.2, in accordance with SMAQMD guidance. Emissions estimates included in this AQMP include long-term operational emissions of criteria air pollutants and ozone precursors (i.e., ROG, NOX, respirable particulate matter [PM10]) associated with mobile sources (i.e., trip generation) and stationary sources (e.g., area wide and energy consumption). Project details such as proposed land uses and densities, project-generated trips, and project components are based on information included in the traffic study conducted for the project. Details regarding the traffic study and traffic related impacts are included in Section 4.12 of the WBSP EIR.

To estimate mobile source emissions, CalEEMod was used in combination with project-specific traffic data included in the traffic modeling conducted for the project and included in Section 4.12 of the WBSP EIR. The traffic section of the EIR includes a description of existing conditions and traffic-related impacts associated with the project. The project-specific traffic study was used to obtain trip data associated with the project. Specifically, the traffic study included estimates of daily vehicle miles traveled (VMT) and trip generation associated with the existing conditions and existing plus project conditions.

Based on consultation and recommendation from the SMAQMD staff, the emissions modeling and analysis process for the project included modeling existing conditions in the project area. These emissions were then excluded (subtracted) from project model runs, assuming that by the buildout period of the project, all existing land uses in the area currently will be replaced by the land uses included in the project. This allows the analysis to focus exclusively on additional emissions generated by the project and not account for existing emissions sources in the project area.

In accordance with SMAQMD guidance for the evaluation of projects where a traffic study has been prepared, CalEEMod is used to estimate the project's emissions with and without the incorporation of emission reduction measures. The estimation of emissions that do not account for emission reduction measures and uses CalEEMod defaults is referred to as the unmitigated emissions scenario. The estimate that does account for the incorporation of emission reduction measures and project-specific traffic data is referred to as the mitigated emissions scenario. The total daily mass emissions that the project shall reduce to meet the 15 percent reduction target for the AQMP is then calculated based on the maximum mobile sector emissions of ROG and NOX separately as established by the unmitigated emission scenario. The two scenarios are described in further detail below.

### 3.1 UNMITIGATED EMISSIONS SCENARIO

To establish the unmitigated emissions scenario, the proposed land uses and their sizes were entered into CalEEMod for the buildout year 2036. Proposed land use and unit numbers were based on the net change in land uses in the Specific Plan Area shown in Table 2-2 of the Project Description included in the WBSP EIR.

Once representative land uses were chosen, CalEEMod was run for both the winter and summer seasons using default values and trip rates for Sacramento County to determine if emissions exceed SMAQMD-adopted operational thresholds. CalEEMod does not account for regional reductions in VMT due to other surrounding development or changes in the roadway network and therefore, default trip rates assigned by CalEEMod to the proposed land uses would represent the maximum trip generation and associated emissions. The unmitigated emissions from these runs were used to establish the AQMP reduction target for the project. In accordance with SMAQMD recommendations, the emission reduction targets were based on the mobile sector only, not total combined project emissions. Although SMAQMD-adopted operational thresholds are based on maximum daily emissions, guidance from SMAQMD suggests the use of annual emissions of ROG and NOX for determining the AQMP reduction target.

## 3.2 MITIGATED EMISSIONS SCENARIO

To establish the mitigated emissions scenario, the unmitigated emissions scenario (as described above) was adjusted to more accurately reflect project-specific parameters. Project-specific VMT and total trips were obtained from Section 4.12 "Traffic and Circulation" of the WBSP EIR. The unmitigated emissions scenario was altered to reflect the project's annual VMT for the year 2035. The 2019 Title 24 Building Energy Efficiency Standards were also included in the mitigated emissions scenario because the project would be operational after January 1, 2020, when the new standards take effect. The 2019 Title 24 standards would result in energy consumption reductions for residential (single-family and low-rise multifamily only) and nonresidential buildings. See Appendix A for details on 2019 Title 24 energy reductions. Based on guidance from SMAQMD staff, the mitigated emissions scenario also accounts for project design features that will result in emissions reductions including pedestrian network improvements in the specific plan area which will take place as part of the implementation of the project.

## 4 EMISSIONS REDUCTION TARGET

This section shows the calculations conducted to establish the project's emission target of 15 percent for the AQMP. Calculation methods were based on discussions with SMAQMD staff and the SMAQMD's AQMP Guidance. Reduction targets were based on the unmitigated emission scenario as described above in Section 3. Detailed calculations are provided below.

### 4.1 UNMITIGATED EMISSIONS SCENARIO AND REDUCTION TARGET

Implementation of the WBSP would allow for the development of various land use types and intensities, as summarized in Table 1 and Table 2 and illustrated in Figure 1. Based on the proposed land use types and sizes (Table 2), emissions of criteria air pollutants and ozone precursors were quantified using defaults in CalEEMod. Based on the proposed land uses and CalEEMod defaults for trip generation rates and average trip distance, the annual VMT for development within the specific plan area is project to be 95,870,782. The default average daily trips estimated were 262,660. Daily VMT was calculated by dividing the annual VMT by 365 days per year. As stated in the methodology section, emissions from existing land uses in the specific plan area were subtracted from the overall emissions total for the project. Table 3 summarizes these results in tons per year (tons/year).

**Table 3 Summary of Annual Operational Emissions of Ozone Precursors at Full Buildout for the Unmitigated Scenario (2035)**

Source Type	Tons/year		
	ROG	NO <sub>x</sub>	PM <sub>10</sub>
<b>Existing Conditions</b>			
Area Source <sup>1</sup>	7.9	0.1	0.1
Energy <sup>2</sup>	0.2	1.5	0.1
Mobile Source	1.6	8.4	9.6
Total Annual Emissions	9.7	10.0	9.7
<b>Default Project Full Buildout (2035)</b>			
Area Source <sup>1</sup>	26.3	0.6	0.3
Energy <sup>2</sup>	0.3	3.0	0.2
Mobile Source	6.4	33.2	38.1
Total Annual Emissions	33.0	36.7	38.6
<b>Net New Emissions – Default Project Full Buildout (2035)</b>			
Area Source <sup>1</sup>	18.4	0.4	0.2
Energy <sup>2</sup>	0.17	1.5	0.1
Mobile Source	4.8	24.8	28.6
Total Annual Emissions	23.4	26.7	28.9

Notes: NO<sub>x</sub> = oxides of nitrogen; ROG = reactive organic gases; PM<sub>10</sub> = respirable particulate matter; tons/year = tons per year.

Totals may not sum exactly because of rounding.

<sup>1</sup> Area-source emissions include emissions from landscaping, application of architectural coatings, and consumer products, and are estimated based on default model settings.

<sup>2</sup> Energy emissions include emissions associated with natural gas consumption for indoor heating/cooling and appliance use.

See Appendix A for detailed input parameters and modeling results.

Source: Modeling conducted by Ascent Environmental in 2019.

To determine the mass reduction in emissions, a project needs to achieve to meet the 15 percent reduction target, the first step is to determine the total mass emissions of ozone precursors emitted by the project's mobile sector. As shown in Table 4 below, the unmitigated scenario would result in total ROG emissions of 4.8 tons/year and total NO<sub>x</sub> of 24.8 tons/year from the mobile sector. To achieve the 15 percent reduction target, ROG would need to be reduced by a minimum of 0.714 tons/year and NO<sub>x</sub> by a minimum of 3.717 tons/year. Table 4 below displays the reduction target in tons/year for each ozone precursor.

**Table 4 Criteria Air Pollutant Reduction Targets**

	ROG	NO <sub>x</sub>
Mobile Source	4.8	24.8
15 Percent Reduction Target <sup>2</sup>	0.714	3.717

Notes: NO<sub>x</sub> = oxides of nitrogen; ROG = reactive organic gases; tons/year = tons per year.

<sup>1</sup> Emissions taken from the unmitigated CalEEMod run using CalEEMod default trip rates.

<sup>2</sup> A 15 percent mitigation target is required by this project per SMAQMD guidance as it was included in the currently adopted SIP. The reduction target of 15 percent is calculated based on the total ROG and NO<sub>x</sub> emissions from the mobile sector.

Source: Data compiled by Ascent Environmental in 2019.

## 5 PROJECT TRAFFIC MODELING AND DESIGN FEATURES

The following section discusses the specific project components used to conduct the mitigated emissions scenario using CalEEMod, project-specific traffic information, and project design features included within the Specific Plan. A description of the project design feature is provided, how the project would incorporate the specific design feature, and how the emissions modeling was adjusted to reflect each design component. Each design feature is described separately below.

### 5.1 TRAFFIC STUDY

Traffic modeling was completed for the WBSP. Traffic modeling for the project considered several design features incorporated into the Specific Plan Area that would result in daily VMT and trip generation rates that are lower than the estimate provided by CalEEMod. Traffic modeling was conducted using the most recent version of SACMET, a travel demand model developed and maintained by SACOG. The model was run after refinement to the existing study area traffic analysis zones, existing land use, and roadway network details. Specifically, the traffic modeling takes into account the density of land uses proposed in the WBSP, the diversity of land uses proposed for the project, the existing and proposed pedestrian and bicycle facilities in the Specific Plan Area, and transit services in or near the Specific Plan Area. Key features of the SACMET model include: (1) full model iteration on level of service variables; (2) auto ownership and trip generation steps with accessibility variables; (3) a joint destination and mode choice model for work trips; (4) mode choice models with separate walk and bike modes, walk and drive access to transit modes, and carpool modes; (5) mode choice models with land use, travel time and monetary costs, and household attribute variables; (6) all mode choice equations in logit form; and (7) a trip assignment step with separate A.M. and P.M. peak (both 3 hour and 1 hour peak) and off-peak periods (Rodier et al. 1999). The VMT adjustment from the CalEEMod default scenario to the project-specific VMT scenario was a reduction of approximately 30%. See Table 5 for total reductions achieved through the project-specific VMT scenario.

### 5.2 PROJECT DESIGN FEATURES INCLUDED IN TRAFFIC STUDY

This section discusses project design features that are included as part of the project that would help reduce overall emissions associated with project based on SMAQMD Guidance. VMT reductions from these features are included in traffic modeling as part of the project-specific VMT scenario.

#### 5.2.1 LUT-1 Increase Density

**Design Feature Description:** The project would be designed in a way that increases density without increasing the amount of land utilized. Communities that feature higher densities, which normally include a mixed-use component and access or proximity to alternative modes of transportation result in a reduction in VMT.

**Project Applicability:** The project would include residential, retail, office, industrial and mixed-use land uses. The traffic study accounts for the density of residential development and the connections between land uses within the project area, and thus the resultant effect on trip generation rates and trip lengths. The total VMT associated with operation of the WBSP at full buildout accounts for the increase in density and the fact that residents, employees, and students would not need to travel long distances to access various services.



## 5.2.2 LUT-3 Increase Diversity

**Design Feature Description:** The project would be designed with a variety of land use types in close proximity, which results in decreased VMT because trips between land use types are shorter and may be accommodated by non-auto modes of transport. The project would minimize the need for external trips by including services and facilities by including these services in the Specific Plan Area.

**Project Applicability:** The project would include mixed-use development that would encourage walking, bicycling, and transit through the planned trail network. The traffic study accounts for the proximity of residential units to parks, schools, and other uses and the resultant effect on trip generation and average trip lengths. As such, the total VMT associated with operation of the WBSP at full buildout accounts for the diversity of land uses within the project area.

## 5.2.3 LUT-4 Improve Destination Accessibility

**Design Feature Description:** The project is located near downtown Sacramento and would be in an area with high accessibility to destinations, such as employment centers, shopping, and entertainment. Destination accessibility is measured in terms of the number of jobs or other attractions reachable within a given travel time, which tends to be highest at regional centers and lowest at peripheral locations. The location of the project also increases the potential for pedestrians to walk and bike to these destinations and; therefore, reduces VMT.

**Project Applicability:** The project would be located approximately 1.1 miles from what SMAQMD considers the regional center (the intersection of 10<sup>th</sup> and K Streets in Sacramento). The traffic study accounts for the proximity to the regional center and the resultant effect on both trip generation rates and average trip lengths. As described above, the traffic study uses the SACMET model which considers region-specific travel patterns. As such, the total VMT associated with operation of the WBSP at full buildout accounts for the fact that residents, employees, and students would not need to travel long distances to access various services.

## 5.2.4 LUT-5 Increase Transit Accessibility

**Design Feature Description:** Locating a project with high density near transit would facilitate the use of transit by people traveling to or from the project site. The use of transit results in a mode shift and; therefore, reduced VMT.

**Project Applicability:** The project is located near the route 2 and 51 bus lines which are operated by Sacramento Regional Transit District (RT). The RT route 38 bus line circulates through the Specific Plan Area, running north-south along 5<sup>th</sup> Street. The traffic study accounts for these transit routes and proximity to existing facilities and the resultant effect on both trip generation rates and average trip lengths.

## 5.2.5 Pedestrian and Bicycle Facilities

**Design Feature Description:** The WBSP includes several design features related to pedestrian and bicycle facilities in the Specific Plan Area. These design features include the following project features: LUT-9 Improve Walkability Design, SDT-1 Improve Pedestrian Network, SDT-5 Incorporate Bike Lane Street Design, SDT-6 Provide Bike Parking in Non-Residential Projects, SDT-7 Provide Bike Parking in Multi-Unit Residential Projects, and SDT-9 Dedicate Land for Bike Trails.

**Project Applicability:** Chapter 7 of the WBSP includes a discussion of the circulation and mobility elements of the project. Figure 7-25 in the WBSP identifies the existing and planned pedestrian facilities in the Specific Plan Area. Figure 7-26 in the WBSP identifies the existing and planned bicycle facilities in the Specific Plan Area. The traffic modeling conducted for the Project accounts for both the existing and planned pedestrian and bicycle facilities in the Specific Plan Area and adjust the number of trips made by biking or walking due to the presence of these facilities.

## 5.2.6 Increased Pedestrian Network

**Design Feature Description:** This measure would ensure that each development project in the Specific Plan Area would include pedestrian access network to link areas of the project site to encourage people to walk instead of drive to nearby destinations. This mode shift results in people driving less and thus a reduction in VMT. The project will provide a pedestrian access network that internally links all uses and connects to all existing or planned external streets and pedestrian facilities contiguous with the project site. The project will minimize barriers to pedestrian access and interconnectivity. Physical barriers such as walls, landscaping, and slopes that impede pedestrian circulation will be eliminated.

**Project Applicability:** This measure would apply to all individual residential and commercial development projects that are to be developed in the specific plan area. Compliance with this measure will be checked during the plan review stage for individual residential and commercial development projects. Compliance with this measure will be conducted qualitatively by City staff planners to ensure adequate pedestrian access is being provided to all existing or planned external streets and pedestrian facilities contiguous with the project site.

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## 6 PROJECT SPECIFIC VMT SCENARIO AND REDUCTION TARGET ACHIEVEMENT

To generate the project specific VMT scenario for the project, the default scenario was altered to reflect project-specific traffic parameters described in the project specific traffic modeling identified in Section 5. Based on the traffic modeling, the project's annual VMT would be approximately 30% lower than the CalEEMod default scenario. Based on the measures included in the traffic study and the adjusted VMT and trip generation estimate for the project, the ROG and NO<sub>x</sub> emission reductions have been achieved and are shown below in Table 5. The project specific VMT scenario would result in a reduction in ROG emissions of 0.724 (tons per year) and would achieve the 15% reduction target (0.714 tons per year) based on reductions achieved through the project-specific VMT scenario. The project specific VMT scenario would also result in a reduction in NO<sub>x</sub> emissions of 3.540 (tons per year) but would not achieve the 15% reduction target (3.717 tons per year) through the project-specific VMT scenario along. Therefore, additional mitigation will be needed to achieve the NO<sub>x</sub> emissions reductions targets for the AQMP.

**Table 5 Summary of Annual Operational Emissions of Ozone Precursors at Full Buildout for the Unmitigated Scenario (2035)**

Source Type	Tons/year		
	ROG	NO <sub>x</sub>	PM <sub>10</sub>
<b>Net New Emissions – Default Project Full Buildout (2035)</b>			
Area Source <sup>1</sup>	18.4	0.4	0.2
Energy <sup>2</sup>	0.17	1.47	0.1
Mobile Source	4.8	24.8	28.6
Total Annual Emissions	23.4	26.7	28.9
<b>Net New Emissions – Project Specific VMT Scenario (2035)</b>			
Area Source <sup>1</sup>	18.4	0.4	0.2
Energy <sup>2</sup>	0.18	1.52	0.1
Mobile Source	4.0	21.2	17.0
Total Annual Emissions	22.7	23.2	17.3
<b>Reduction from Project Specific Scenario (tons/year)</b>	-0.724	-3.540	-11.57
<b>Reduction needed for AQMP (tons/year)</b>	0.714	3.717	N/A
<b>15% Reduction from Mobile Source Emissions Achieved?</b>	Y	N	N/A

Notes: NO<sub>x</sub> = oxides of nitrogen; ROG = reactive organic gases; PM<sub>10</sub> = respirable particulate matter; tons/year = tons per year; N/A = not applicable because SMAQMD does not have a reduction target for PM<sub>10</sub> as part of the AQMP process.

Totals may not sum exactly because of rounding.

<sup>1</sup> Area-source emissions include emissions from landscaping, application of architectural coatings, and consumer products, and are estimated based on default model settings.

<sup>2</sup> Energy emissions include emissions associated with natural gas consumption for indoor heating/cooling and appliance use.

See Appendix A for detailed input parameters and modeling results.

Source: Modeling conducted by Ascent Environmental in 2019.

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## 7 ADDITIONAL MITIGATION AND REDUCTION TARGET ACHIEVEMENT

This section includes the additional mitigation measures that would be needed as part of the project to achieve the 15 reductions in ozone precursors emission needed as part of the AQMP.

### 7.1 M1: REQUIRE 13% OF RESIDENTIAL UNITS BE ALL-ELECTRIC

**Measure Description:** 13 percent of all new residential dwelling units developed in the specific plan area shall include all-electric appliances (e.g., electric cooktop and stove, electric hot water heater). Requiring electric appliances to replace appliances traditionally fueled by natural gas would reduce ozone precursor emissions associated with natural gas use in residential land uses (e.g., hot water heating, cooking) developed as part of in the project. Specific requirements for this measure would include that 13 percent of residential units in the specific plan area:

- ▶ Include all electric appliances for space heating, hot water heating, cooking, and other appliance that could otherwise be fueled by natural gas. Appliances options should include, but are not limited to:
  - Solar Hot Water Heater systems
  - Heat pump hot water heaters
  - On-demand electric hot-water heaters
  - Induction cooktops and electric ovens
  - All electric HVAC system

Individual project applicants proposing residential development projects in the specific plan area would need to demonstrate as part of the development review process that 13 percent of units in the project (rounding up to the nearest whole number if number of required units is not a whole number) include all electric appliances and exclude natural gas connections to the unit, to ensure the unit remains all-electric through the lifetime of the unit. As part of demonstrating consistency with the measure, the applicant must demonstrate that no natural gas infrastructure has been designed or installed for use in the all-electric units. Additionally, the applicant shall demonstrate that, through a chosen legally binding mechanism (e.g., contract, lease agreement, or other document), that the all-electric units for the project remain all-electric units in perpetuity, through lifetime of the unit. Demonstration of compliance with this measure will be included as part of the conditions of approval for the project.

The City is currently considering adoption of a citywide ordinance related to the use of electric appliances within all new development. Should the City adopt such an ordinance during implementation of the WBSP, implementation of this measure would no longer be necessary.

**Project Applicability:** This measure applies to residential developments that are built as part of the project. There are several all-electric residential projects either built or planned for development in the Sacramento region. These include: D.R. Horton: [Independence](#), Indie Capital: [Broadway Redux](#) and [Mansion Flats](#), Next Generation Capital: [Icon @ 14 & C](#), Riverland Homes: [Rio Villas](#), and Sacramento Urban Works: [Castro Zero Energy](#). The Sacramento Municipal Utility District provides rebates to builders developing all-electric homes.

**Table 6 Summary of Annual Operational Emissions of Ozone Precursors at Full Buildout with AQMP Mitigation (2035)**

Source Type	Tons/year	
	ROG	NO <sub>x</sub>
<b>Project Specific VMT Scenario</b>		
Area Source <sup>1</sup>	18.4	0.4
Energy <sup>2</sup>	0.18	1.52
Mobile Source	4.0	21.2
Total Annual Emissions	22.7	23.2
<b>Project Specific VMT Scenario with Additional Mitigation</b>		
Area Source <sup>1</sup>	18.4	0.4
Energy <sup>2</sup>	0.15	1.28
Mobile Source	4.0	21.2
Total Annual Emissions	22.6	23.0
<b>Reduction from Project Specific VMT Scenario with Additional Mitigation (tons/year)</b>	-0.746	-3.730
<b>Reduction needed for AQMP (tons/year)</b>	0.714	3.717
<b>15% Reduction from Mobile Source Emissions Achieved?</b>	Y	Y

Notes: NO<sub>x</sub> = oxides of nitrogen; ROG = reactive organic gases; PM<sub>10</sub> = respirable particulate matter; tons/year = tons per year.

Totals may not sum exactly because of rounding.

<sup>1</sup> Area-source emissions include emissions from landscaping, application of architectural coatings, and consumer products, and are estimated based on default model settings.

<sup>2</sup> Energy emissions include emissions associated with natural gas consumption for indoor heating/cooling and appliance use.

See Appendix A for detailed input parameters and modeling results.

Source: Modeling conducted by Ascent Environmental in 2019.

As shown in Table 6, with the additional mitigation measure (M1) to require 13 percent of all residential units to be built as part for the project to include all electric appliances, the project would achieve the reductions needed to ensure the project is contributing its fair share of reducing regional emissions of ozone precursor emissions as part of the project.

## 8 CONCLUSION

The application of the above mitigation measures to the proposed project would ensure the project achieves the 15 percent emissions reduction target established by SMAQMD for AQMPs. Taking into account all the project features including the mix of proposed land uses, incorporated bicycle and pedestrian facilities, proximity to transit services, as well as the additional mitigation from this AQMP, the WBSP would result in a 15 percent reduction in long-term operational emissions of ozone precursors over the unmitigated emissions scenario.

None of the measures included in the project design would need ongoing monitoring beyond the buildout date of the project. By meeting the 15 percent reduction target, the AQMP has achieved the requirements set forth by SMAQMD. The total reduction of ozone precursors achieved through project design measures is shown above in Table 6. Further, as noted above, in the event that the City of Sacramento adopts a citywide ordinance that requires the use of electric appliances in at least 15 percent of all new residential development, implementation of this mitigation measure as part of the WBSP would no longer be necessary or required.



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## 9 REFERENCES

Sacramento Metropolitan Air Quality Management District (SMAQMD). 2017 (November 30). Recommended Guidance for Land Use Emission Reduction Version 4.0 for Operational Emissions. Available:

\_\_\_\_\_. 2016 (August). *Threshold of Significance Table*. Available: <http://www.capcoa.org/wp-content/uploads/2010/11/CAPCOA-Quantification-Report-9-14-Final.pdf>. Accessed

Rodier, C. J., et al. 1999. Air quality analysis of transportation: Is it important to model the land use effects of transportation scenarios? In *Transportation Research Record*. Transportation Research Board.

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# Appendix A

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CalEEMod Modeling Results and  
Assumptions Tables





West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

**West Broadway AQ Existing Conditions Op.  
Sacramento County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	99.50	1000sqft	2.28	99,500.00	0
General Light Industry	26.05	1000sqft	0.60	26,045.00	0
General Light Industry	413.95	1000sqft	9.50	413,950.00	0
City Park	62.70	Acre	62.70	2,731,212.00	0
Racquet Club	5.00	1000sqft	0.11	5,000.00	0
Racquet Club	20.80	1000sqft	0.48	20,800.00	0
Apartments Low Rise	1,113.00	Dwelling Unit	69.56	1,113,000.00	2972

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.5	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	6			<b>Operational Year</b>	2035
<b>Utility Company</b>	Sacramento Municipal Utility District				
<b>CO2 Intensity (lb/MW hr)</b>	143.85	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

Project Characteristics - Baseline CO2 intensity factor (SMUD 2017 emissions rate) from Climate Registry 2019 Default Emissions: Future 2035 year, SMUD assumed to meet RPS target of 60% RPS by 2030 and 70% RPS by 2035

(<https://www.theclimateregistry.org/wp-content/uploads/2019/05/The-Climate-Registry-2019-Default-Emission-Factor-Documents.pdf>)

Land Use - Based on existing conditions land uses in Project Description (Table 2.2)

Construction Phase - Based on existing land uses in Project Description (Table 2.2)

Vehicle Trips - Adjusted to match Existing Conditions VMT of Specific Plan Area in Transportation Section of the WBSP EIR

Energy Use -

Table Name	Column Name	Default Value	New Value
tblEnergyUse	NT24E	3,172.76	3,172.76
tblEnergyUse	T24E	511.12	511.12
tblEnergyUse	T24E	2.05	2.05
tblEnergyUse	T24E	3.41	3.41
tblEnergyUse	T24E	3.41	3.41
tblEnergyUse	T24NG	9,411.72	9,411.72
tblEnergyUse	T24NG	14.60	14.60
tblEnergyUse	T24NG	23.39	23.39
tblEnergyUse	T24NG	23.39	23.39
tblLandUse	LandUseSquareFeet	26,050.00	26,045.00
tblProjectCharacteristics	CO2IntensityFactor	590.31	143.85
tblVehicleTrips	CW_TL	10.00	10.15
tblVehicleTrips	HW_TL	10.00	6.98

## 2.0 Emissions Summary

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### 2.1 Overall Construction

#### Unmitigated Construction



## West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.2091	2.0958	1.3174	2.3400e-003	6.4400e-003	0.1051	0.1115	1.7100e-003	0.0977	0.0994	0.0000	208.4553	208.4553	0.0565	0.0000	209.8687
2020	0.5219	5.4095	3.1998	5.8900e-003	1.6894	0.2649	1.9543	0.7423	0.2444	0.9867	0.0000	517.3251	517.3251	0.1571	0.0000	521.2528
2021	0.5924	6.2778	4.3884	9.6600e-003	1.2847	0.2556	1.5403	0.4916	0.2353	0.7269	0.0000	857.2903	857.2903	0.2306	0.0000	863.0559
2022	1.3915	10.9294	10.8963	0.0433	2.5879	0.1406	2.7286	0.6998	0.1324	0.8322	0.0000	4,016.0866	4,016.0866	0.2260	0.0000	4,021.7357
2023	1.2629	9.4230	10.0924	0.0422	2.5879	0.1149	2.7028	0.6998	0.1080	0.8078	0.0000	3,914.6857	3,914.6857	0.2096	0.0000	3,919.9262
2024	1.1982	9.1866	9.5823	0.0416	2.6077	0.1037	2.7114	0.7052	0.0974	0.8026	0.0000	3,868.4825	3,868.4825	0.2059	0.0000	3,873.6291
2025	1.1272	8.8526	9.0236	0.0406	2.5977	0.0913	2.6891	0.7025	0.0858	0.7883	0.0000	3,778.7601	3,778.7601	0.2003	0.0000	3,783.7677
2026	1.0804	8.6934	8.5841	0.0399	2.5977	0.0905	2.6882	0.7025	0.0850	0.7874	0.0000	3,711.2504	3,711.2504	0.1965	0.0000	3,716.1622
2027	1.0353	8.5479	8.1898	0.0392	2.5977	0.0894	2.6871	0.7024	0.0840	0.7864	0.0000	3,650.3435	3,650.3435	0.1929	0.0000	3,655.1666
2028	0.9857	8.3905	7.8147	0.0385	2.5877	0.0879	2.6755	0.6997	0.0825	0.7823	0.0000	3,582.8363	3,582.8363	0.1890	0.0000	3,587.5609
2029	0.9405	8.3042	7.5204	0.0381	2.5976	0.0870	2.6846	0.7024	0.0818	0.7842	0.0000	3,548.7985	3,548.7985	0.1866	0.0000	3,553.4635
2030	0.8858	7.6023	7.2416	0.0381	2.5976	0.0364	2.6340	0.7024	0.0353	0.7377	0.0000	3,546.9616	3,546.9616	0.1263	0.0000	3,550.1189
2031	0.8369	7.5016	6.9718	0.0377	2.5976	0.0354	2.6329	0.7024	0.0343	0.7367	0.0000	3,510.1118	3,510.1118	0.1236	0.0000	3,513.2026
2032	0.7964	7.4380	6.7628	0.0375	2.6075	0.0346	2.6421	0.7051	0.0336	0.7387	0.0000	3,491.6675	3,491.6675	0.1218	0.0000	3,494.7118
2033	0.6670	6.3205	5.8322	0.0318	2.1917	0.0350	2.2267	0.5926	0.0342	0.6268	0.0000	2,958.2882	2,958.2882	0.1029	0.0000	2,960.8596
2034	3.6424	0.6884	1.6921	3.5200e-003	0.1383	0.0311	0.1694	0.0368	0.0310	0.0678	0.0000	306.6326	306.6326	0.0115	0.0000	306.9202
2035	6.1490	0.0735	0.4250	1.6100e-003	0.2247	1.4500e-003	0.2261	0.0598	1.3900e-003	0.0611	0.0000	145.2264	145.2264	2.0600e-003	0.0000	145.2778
<b>Maximum</b>	<b>6.1490</b>	<b>10.9294</b>	<b>10.8963</b>	<b>0.0433</b>	<b>2.6077</b>	<b>0.2649</b>	<b>2.7286</b>	<b>0.7423</b>	<b>0.2444</b>	<b>0.9867</b>	<b>0.0000</b>	<b>4,016.0866</b>	<b>4,016.0866</b>	<b>0.2306</b>	<b>0.0000</b>	<b>4,021.7357</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

**2.1 Overall Construction**

**Mitigated Construction**

## West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.2091	2.0958	1.3174	2.3400e-003	6.4400e-003	0.1051	0.1115	1.7100e-003	0.0977	0.0994	0.0000	208.4551	208.4551	0.0565	0.0000	209.8685
2020	0.5219	5.4095	3.1998	5.8900e-003	1.6894	0.2649	1.9543	0.7423	0.2444	0.9867	0.0000	517.3245	517.3245	0.1571	0.0000	521.2522
2021	0.5924	6.2778	4.3884	9.6600e-003	1.2847	0.2556	1.5403	0.4916	0.2353	0.7269	0.0000	857.2895	857.2895	0.2306	0.0000	863.0550
2022	1.3915	10.9294	10.8963	0.0433	2.5879	0.1406	2.7286	0.6998	0.1324	0.8322	0.0000	4,016.086 3	4,016.086 3	0.2260	0.0000	4,021.735 4
2023	1.2629	9.4230	10.0924	0.0422	2.5879	0.1149	2.7028	0.6998	0.1080	0.8078	0.0000	3,914.685 3	3,914.685 3	0.2096	0.0000	3,919.925 9
2024	1.1982	9.1866	9.5823	0.0416	2.6077	0.1037	2.7114	0.7052	0.0974	0.8026	0.0000	3,868.482 1	3,868.482 1	0.2059	0.0000	3,873.628 7
2025	1.1272	8.8526	9.0236	0.0406	2.5977	0.0913	2.6891	0.7025	0.0858	0.7883	0.0000	3,778.759 7	3,778.759 7	0.2003	0.0000	3,783.767 4
2026	1.0804	8.6934	8.5841	0.0399	2.5977	0.0905	2.6882	0.7025	0.0850	0.7874	0.0000	3,711.2501	3,711.2501	0.1965	0.0000	3,716.161 8
2027	1.0353	8.5479	8.1898	0.0392	2.5977	0.0894	2.6871	0.7024	0.0840	0.7864	0.0000	3,650.343 1	3,650.343 1	0.1929	0.0000	3,655.166 3
2028	0.9857	8.3905	7.8147	0.0385	2.5877	0.0879	2.6755	0.6997	0.0825	0.7823	0.0000	3,582.836 0	3,582.836 0	0.1890	0.0000	3,587.560 5
2029	0.9405	8.3042	7.5204	0.0381	2.5976	0.0870	2.6846	0.7024	0.0818	0.7842	0.0000	3,548.798 2	3,548.798 2	0.1866	0.0000	3,553.463 2
2030	0.8858	7.6023	7.2416	0.0381	2.5976	0.0364	2.6340	0.7024	0.0353	0.7377	0.0000	3,546.961 2	3,546.961 2	0.1263	0.0000	3,550.1185
2031	0.8369	7.5016	6.9718	0.0377	2.5976	0.0354	2.6329	0.7024	0.0343	0.7367	0.0000	3,510.1114	3,510.1114	0.1236	0.0000	3,513.202 2
2032	0.7964	7.4380	6.7628	0.0375	2.6075	0.0346	2.6421	0.7051	0.0336	0.7387	0.0000	3,491.667 1	3,491.667 1	0.1218	0.0000	3,494.7114
2033	0.6670	6.3205	5.8322	0.0318	2.1917	0.0350	2.2267	0.5926	0.0342	0.6268	0.0000	2,958.287 8	2,958.287 8	0.1029	0.0000	2,960.859 2
2034	3.6424	0.6884	1.6921	3.5200e-003	0.1383	0.0311	0.1694	0.0368	0.0310	0.0678	0.0000	306.6323	306.6323	0.0115	0.0000	306.9199
2035	6.1490	0.0735	0.4250	1.6100e-003	0.2247	1.4500e-003	0.2261	0.0598	1.3900e-003	0.0611	0.0000	145.2264	145.2264	2.0600e-003	0.0000	145.2778
<b>Maximum</b>	<b>6.1490</b>	<b>10.9294</b>	<b>10.8963</b>	<b>0.0433</b>	<b>2.6077</b>	<b>0.2649</b>	<b>2.7286</b>	<b>0.7423</b>	<b>0.2444</b>	<b>0.9867</b>	<b>0.0000</b>	<b>4,016.086 3</b>	<b>4,016.086 3</b>	<b>0.2306</b>	<b>0.0000</b>	<b>4,021.735 4</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	7-22-2019	10-21-2019	1.2948	1.2948
2	10-22-2019	1-21-2020	1.2739	1.2739
3	1-22-2020	4-21-2020	1.1900	1.1900
4	4-22-2020	7-21-2020	1.5042	1.5042
5	7-22-2020	10-21-2020	1.5666	1.5666
6	10-22-2020	1-21-2021	1.7695	1.7695
7	1-22-2021	4-21-2021	1.6301	1.6301
8	4-22-2021	7-21-2021	1.6481	1.6481
9	7-22-2021	10-21-2021	1.6663	1.6663
10	10-22-2021	1-21-2022	2.2621	2.2621
11	1-22-2022	4-21-2022	3.0660	3.0660
12	4-22-2022	7-21-2022	3.0664	3.0664
13	7-22-2022	10-21-2022	3.1102	3.1102
14	10-22-2022	1-21-2023	3.0493	3.0493
15	1-22-2023	4-21-2023	2.6614	2.6614
16	4-22-2023	7-21-2023	2.6684	2.6684
17	7-22-2023	10-21-2023	2.7045	2.7045
18	10-22-2023	1-21-2024	2.7050	2.7050
19	1-22-2024	4-21-2024	2.5943	2.5943
20	4-22-2024	7-21-2024	2.5732	2.5732
21	7-22-2024	10-21-2024	2.6078	2.6078
22	10-22-2024	1-21-2025	2.6077	2.6077

## West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

23	1-22-2025	4-21-2025	2.4743	2.4743
24	4-22-2025	7-21-2025	2.4823	2.4823
25	7-22-2025	10-21-2025	2.5154	2.5154
26	10-22-2025	1-21-2026	2.5232	2.5232
27	1-22-2026	4-21-2026	2.4225	2.4225
28	4-22-2026	7-21-2026	2.4310	2.4310
29	7-22-2026	10-21-2026	2.4632	2.4632
30	10-22-2026	1-21-2027	2.4707	2.4707
31	1-22-2027	4-21-2027	2.3745	2.3745
32	4-22-2027	7-21-2027	2.3834	2.3834
33	7-22-2027	10-21-2027	2.4148	2.4148
34	10-22-2027	1-21-2028	2.4225	2.4225
35	1-22-2028	4-21-2028	2.3573	2.3573
36	4-22-2028	7-21-2028	2.3405	2.3405
37	7-22-2028	10-21-2028	2.3713	2.3713
38	10-22-2028	1-21-2029	2.3783	2.3783
39	1-22-2029	4-21-2029	2.2889	2.2889
40	4-22-2029	7-21-2029	2.2983	2.2983
41	7-22-2029	10-21-2029	2.3284	2.3284
42	10-22-2029	1-21-2030	2.3009	2.3009
43	1-22-2030	4-21-2030	2.1014	2.1014
44	4-22-2030	7-21-2030	2.1094	2.1094
45	7-22-2030	10-21-2030	2.1372	2.1372
46	10-22-2030	1-21-2031	2.1439	2.1439
47	1-22-2031	4-21-2031	2.0633	2.0633
48	4-22-2031	7-21-2031	2.0714	2.0714
49	7-22-2031	10-21-2031	2.0987	2.0987

## West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

50	10-22-2031	1-21-2032	2.1057	2.1057
51	1-22-2032	4-21-2032	2.0515	2.0515
52	4-22-2032	7-21-2032	2.0370	2.0370
53	7-22-2032	10-21-2032	2.0637	2.0637
54	10-22-2032	1-21-2033	2.0716	2.0716
55	1-22-2033	4-21-2033	1.9995	1.9995
56	4-22-2033	7-21-2033	2.0075	2.0075
57	7-22-2033	10-21-2033	2.0339	2.0339
58	10-22-2033	1-21-2034	0.5497	0.5497
59	1-22-2034	4-21-2034	0.2745	0.2745
60	4-22-2034	7-21-2034	0.2775	0.2775
61	7-22-2034	10-21-2034	1.5183	1.5183
62	10-22-2034	1-21-2035	2.9279	2.9279
63	1-22-2035	4-21-2035	2.8598	2.8598
64	4-22-2035	7-21-2035	2.6367	2.6367
		Highest	3.1102	3.1102

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	7.8814	0.1320	11.4456	6.1000e-004		0.0637	0.0637		0.0637	0.0637	0.0000	18.7647	18.7647	0.0179	0.0000	19.2119
Energy	0.1707	1.5125	1.0133	9.3100e-003		0.1180	0.1180		0.1180	0.1180	0.0000	2,525.0320	2,525.0320	0.2008	0.0658	2,549.6667
Mobile	1.6131	8.4014	17.7295	0.0819	9.5153	0.0424	9.5577	2.5477	0.0394	2.5871	0.0000	7,586.5811	7,586.5811	0.2842	0.0000	7,593.6872
Waste						0.0000	0.0000		0.0000	0.0000	271.8820	0.0000	271.8820	16.0678	0.0000	673.5762
Water						0.0000	0.0000		0.0000	0.0000	63.2164	87.4992	150.7155	0.2352	0.1411	198.6513
<b>Total</b>	<b>9.6652</b>	<b>10.0459</b>	<b>30.1884</b>	<b>0.0919</b>	<b>9.5153</b>	<b>0.2240</b>	<b>9.7393</b>	<b>2.5477</b>	<b>0.2210</b>	<b>2.7687</b>	<b>335.0984</b>	<b>10,217.8769</b>	<b>10,552.9754</b>	<b>16.8059</b>	<b>0.2069</b>	<b>11,034.7933</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	7.8814	0.1320	11.4456	6.1000e-004		0.0637	0.0637		0.0637	0.0637	0.0000	18.7647	18.7647	0.0179	0.0000	19.2119
Energy	0.1707	1.5125	1.0133	9.3100e-003		0.1180	0.1180		0.1180	0.1180	0.0000	2,525.0320	2,525.0320	0.2008	0.0658	2,549.6667
Mobile	1.6131	8.4014	17.7295	0.0819	9.5153	0.0424	9.5577	2.5477	0.0394	2.5871	0.0000	7,586.5811	7,586.5811	0.2842	0.0000	7,593.6872
Waste						0.0000	0.0000		0.0000	0.0000	271.8820	0.0000	271.8820	16.0678	0.0000	673.5762
Water						0.0000	0.0000		0.0000	0.0000	63.2164	87.4992	150.7155	0.2352	0.1411	198.6513
<b>Total</b>	<b>9.6652</b>	<b>10.0459</b>	<b>30.1884</b>	<b>0.0919</b>	<b>9.5153</b>	<b>0.2240</b>	<b>9.7393</b>	<b>2.5477</b>	<b>0.2210</b>	<b>2.7687</b>	<b>335.0984</b>	<b>10,217.8769</b>	<b>10,552.9754</b>	<b>16.8059</b>	<b>0.2069</b>	<b>11,034.7933</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**



## West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/22/2019	4/24/2020	5	200	
2	Site Preparation	Site Preparation	4/25/2020	10/9/2020	5	120	
3	Grading	Grading	10/10/2020	12/17/2021	5	310	
4	Building Construction	Building Construction	12/18/2021	11/4/2033	5	3100	
5	Paving	Paving	11/5/2033	9/8/2034	5	220	
6	Architectural Coating	Architectural Coating	9/9/2034	7/13/2035	5	220	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 775**

**Acres of Paving: 0**

**Residential Indoor: 2,253,825; Residential Outdoor: 751,275; Non-Residential Indoor: 847,943; Non-Residential Outdoor: 282,648; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

## West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	2,186.00	659.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	437.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2055	2.0933	1.2905	2.2700e-003		0.1050	0.1050		0.0977	0.0977	0.0000	202.5640	202.5640	0.0564	0.0000	203.9728
<b>Total</b>	<b>0.2055</b>	<b>2.0933</b>	<b>1.2905</b>	<b>2.2700e-003</b>		<b>0.1050</b>	<b>0.1050</b>		<b>0.0977</b>	<b>0.0977</b>	<b>0.0000</b>	<b>202.5640</b>	<b>202.5640</b>	<b>0.0564</b>	<b>0.0000</b>	<b>203.9728</b>

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**3.2 Demolition - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5500e-003	2.4900e-003	0.0269	7.0000e-005	6.4400e-003	5.0000e-005	6.4900e-003	1.7100e-003	4.0000e-005	1.7600e-003	0.0000	5.8913	5.8913	1.8000e-004	0.0000	5.8959
<b>Total</b>	<b>3.5500e-003</b>	<b>2.4900e-003</b>	<b>0.0269</b>	<b>7.0000e-005</b>	<b>6.4400e-003</b>	<b>5.0000e-005</b>	<b>6.4900e-003</b>	<b>1.7100e-003</b>	<b>4.0000e-005</b>	<b>1.7600e-003</b>	<b>0.0000</b>	<b>5.8913</b>	<b>5.8913</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>5.8959</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2055	2.0933	1.2905	2.2700e-003		0.1050	0.1050		0.0977	0.0977	0.0000	202.5638	202.5638	0.0564	0.0000	203.9726
<b>Total</b>	<b>0.2055</b>	<b>2.0933</b>	<b>1.2905</b>	<b>2.2700e-003</b>		<b>0.1050</b>	<b>0.1050</b>		<b>0.0977</b>	<b>0.0977</b>	<b>0.0000</b>	<b>202.5638</b>	<b>202.5638</b>	<b>0.0564</b>	<b>0.0000</b>	<b>203.9726</b>

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**3.2 Demolition - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5500e-003	2.4900e-003	0.0269	7.0000e-005	6.4400e-003	5.0000e-005	6.4900e-003	1.7100e-003	4.0000e-005	1.7600e-003	0.0000	5.8913	5.8913	1.8000e-004	0.0000	5.8959
<b>Total</b>	<b>3.5500e-003</b>	<b>2.4900e-003</b>	<b>0.0269</b>	<b>7.0000e-005</b>	<b>6.4400e-003</b>	<b>5.0000e-005</b>	<b>6.4900e-003</b>	<b>1.7100e-003</b>	<b>4.0000e-005</b>	<b>1.7600e-003</b>	<b>0.0000</b>	<b>5.8913</b>	<b>5.8913</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>5.8959</b>

**3.2 Demolition - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1375	1.3778	0.9028	1.6100e-003		0.0688	0.0688		0.0640	0.0640	0.0000	141.0942	141.0942	0.0398	0.0000	142.0900
<b>Total</b>	<b>0.1375</b>	<b>1.3778</b>	<b>0.9028</b>	<b>1.6100e-003</b>		<b>0.0688</b>	<b>0.0688</b>		<b>0.0640</b>	<b>0.0640</b>	<b>0.0000</b>	<b>141.0942</b>	<b>141.0942</b>	<b>0.0398</b>	<b>0.0000</b>	<b>142.0900</b>

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**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3200e-003	1.5700e-003	0.0172	4.0000e-005	4.5700e-003	3.0000e-005	4.6000e-003	1.2200e-003	3.0000e-005	1.2500e-003	0.0000	4.0508	4.0508	1.1000e-004	0.0000	4.0537
<b>Total</b>	<b>2.3200e-003</b>	<b>1.5700e-003</b>	<b>0.0172</b>	<b>4.0000e-005</b>	<b>4.5700e-003</b>	<b>3.0000e-005</b>	<b>4.6000e-003</b>	<b>1.2200e-003</b>	<b>3.0000e-005</b>	<b>1.2500e-003</b>	<b>0.0000</b>	<b>4.0508</b>	<b>4.0508</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>4.0537</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1375	1.3778	0.9028	1.6100e-003		0.0688	0.0688		0.0640	0.0640	0.0000	141.0941	141.0941	0.0398	0.0000	142.0898
<b>Total</b>	<b>0.1375</b>	<b>1.3778</b>	<b>0.9028</b>	<b>1.6100e-003</b>		<b>0.0688</b>	<b>0.0688</b>		<b>0.0640</b>	<b>0.0640</b>	<b>0.0000</b>	<b>141.0941</b>	<b>141.0941</b>	<b>0.0398</b>	<b>0.0000</b>	<b>142.0898</b>

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**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.3200e-003	1.5700e-003	0.0172	4.0000e-005	4.5700e-003	3.0000e-005	4.6000e-003	1.2200e-003	3.0000e-005	1.2500e-003	0.0000	4.0508	4.0508	1.1000e-004	0.0000	4.0537
<b>Total</b>	<b>2.3200e-003</b>	<b>1.5700e-003</b>	<b>0.0172</b>	<b>4.0000e-005</b>	<b>4.5700e-003</b>	<b>3.0000e-005</b>	<b>4.6000e-003</b>	<b>1.2200e-003</b>	<b>3.0000e-005</b>	<b>1.2500e-003</b>	<b>0.0000</b>	<b>4.0508</b>	<b>4.0508</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>4.0537</b>

**3.3 Site Preparation - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0840	0.0000	1.0840	0.5958	0.0000	0.5958	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2446	2.5450	1.2908	2.2800e-003		0.1318	0.1318		0.1213	0.1213	0.0000	200.5841	200.5841	0.0649	0.0000	202.2059
<b>Total</b>	<b>0.2446</b>	<b>2.5450</b>	<b>1.2908</b>	<b>2.2800e-003</b>	<b>1.0840</b>	<b>0.1318</b>	<b>1.2158</b>	<b>0.5958</b>	<b>0.1213</b>	<b>0.7171</b>	<b>0.0000</b>	<b>200.5841</b>	<b>200.5841</b>	<b>0.0649</b>	<b>0.0000</b>	<b>202.2059</b>

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**3.3 Site Preparation - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0200e-003	2.7300e-003	0.0299	8.0000e-005	7.9300e-003	6.0000e-005	7.9900e-003	2.1100e-003	5.0000e-005	2.1600e-003	0.0000	7.0280	7.0280	2.0000e-004	0.0000	7.0329
<b>Total</b>	<b>4.0200e-003</b>	<b>2.7300e-003</b>	<b>0.0299</b>	<b>8.0000e-005</b>	<b>7.9300e-003</b>	<b>6.0000e-005</b>	<b>7.9900e-003</b>	<b>2.1100e-003</b>	<b>5.0000e-005</b>	<b>2.1600e-003</b>	<b>0.0000</b>	<b>7.0280</b>	<b>7.0280</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>7.0329</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0840	0.0000	1.0840	0.5958	0.0000	0.5958	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2446	2.5450	1.2908	2.2800e-003		0.1318	0.1318		0.1213	0.1213	0.0000	200.5838	200.5838	0.0649	0.0000	202.2057
<b>Total</b>	<b>0.2446</b>	<b>2.5450</b>	<b>1.2908</b>	<b>2.2800e-003</b>	<b>1.0840</b>	<b>0.1318</b>	<b>1.2158</b>	<b>0.5958</b>	<b>0.1213</b>	<b>0.7171</b>	<b>0.0000</b>	<b>200.5838</b>	<b>200.5838</b>	<b>0.0649</b>	<b>0.0000</b>	<b>202.2057</b>



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**3.3 Site Preparation - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0200e-003	2.7300e-003	0.0299	8.0000e-005	7.9300e-003	6.0000e-005	7.9900e-003	2.1100e-003	5.0000e-005	2.1600e-003	0.0000	7.0280	7.0280	2.0000e-004	0.0000	7.0329
<b>Total</b>	<b>4.0200e-003</b>	<b>2.7300e-003</b>	<b>0.0299</b>	<b>8.0000e-005</b>	<b>7.9300e-003</b>	<b>6.0000e-005</b>	<b>7.9900e-003</b>	<b>2.1100e-003</b>	<b>5.0000e-005</b>	<b>2.1600e-003</b>	<b>0.0000</b>	<b>7.0280</b>	<b>7.0280</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>7.0329</b>

**3.4 Grading - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5886	0.0000	0.5886	0.1420	0.0000	0.1420	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1313	1.4808	0.9428	1.8300e-003		0.0641	0.0641		0.0590	0.0590	0.0000	160.7287	160.7287	0.0520	0.0000	162.0282
<b>Total</b>	<b>0.1313</b>	<b>1.4808</b>	<b>0.9428</b>	<b>1.8300e-003</b>	<b>0.5886</b>	<b>0.0641</b>	<b>0.6527</b>	<b>0.1420</b>	<b>0.0590</b>	<b>0.2010</b>	<b>0.0000</b>	<b>160.7287</b>	<b>160.7287</b>	<b>0.0520</b>	<b>0.0000</b>	<b>162.0282</b>

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**3.4 Grading - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-003	1.4900e-003	0.0163	4.0000e-005	4.3300e-003	3.0000e-005	4.3600e-003	1.1500e-003	3.0000e-005	1.1800e-003	0.0000	3.8393	3.8393	1.1000e-004	0.0000	3.8421
<b>Total</b>	<b>2.2000e-003</b>	<b>1.4900e-003</b>	<b>0.0163</b>	<b>4.0000e-005</b>	<b>4.3300e-003</b>	<b>3.0000e-005</b>	<b>4.3600e-003</b>	<b>1.1500e-003</b>	<b>3.0000e-005</b>	<b>1.1800e-003</b>	<b>0.0000</b>	<b>3.8393</b>	<b>3.8393</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>3.8421</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5886	0.0000	0.5886	0.1420	0.0000	0.1420	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1313	1.4808	0.9428	1.8300e-003		0.0641	0.0641		0.0590	0.0590	0.0000	160.7285	160.7285	0.0520	0.0000	162.0281
<b>Total</b>	<b>0.1313</b>	<b>1.4808</b>	<b>0.9428</b>	<b>1.8300e-003</b>	<b>0.5886</b>	<b>0.0641</b>	<b>0.6527</b>	<b>0.1420</b>	<b>0.0590</b>	<b>0.2010</b>	<b>0.0000</b>	<b>160.7285</b>	<b>160.7285</b>	<b>0.0520</b>	<b>0.0000</b>	<b>162.0281</b>

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**3.4 Grading - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-003	1.4900e-003	0.0163	4.0000e-005	4.3300e-003	3.0000e-005	4.3600e-003	1.1500e-003	3.0000e-005	1.1800e-003	0.0000	3.8393	3.8393	1.1000e-004	0.0000	3.8421
<b>Total</b>	<b>2.2000e-003</b>	<b>1.4900e-003</b>	<b>0.0163</b>	<b>4.0000e-005</b>	<b>4.3300e-003</b>	<b>3.0000e-005</b>	<b>4.3600e-003</b>	<b>1.1500e-003</b>	<b>3.0000e-005</b>	<b>1.1800e-003</b>	<b>0.0000</b>	<b>3.8393</b>	<b>3.8393</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>3.8421</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1667	0.0000	1.1667	0.4598	0.0000	0.4598	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5260	5.8232	3.8753	7.7800e-003		0.2492	0.2492		0.2292	0.2292	0.0000	683.9120	683.9120	0.2212	0.0000	689.4418
<b>Total</b>	<b>0.5260</b>	<b>5.8232</b>	<b>3.8753</b>	<b>7.7800e-003</b>	<b>1.1667</b>	<b>0.2492</b>	<b>1.4159</b>	<b>0.4598</b>	<b>0.2292</b>	<b>0.6890</b>	<b>0.0000</b>	<b>683.9120</b>	<b>683.9120</b>	<b>0.2212</b>	<b>0.0000</b>	<b>689.4418</b>

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**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6900e-003	5.6800e-003	0.0635	1.7000e-004	0.0184	1.3000e-004	0.0186	4.9000e-003	1.2000e-004	5.0200e-003	0.0000	15.7773	15.7773	4.1000e-004	0.0000	15.7877
<b>Total</b>	<b>8.6900e-003</b>	<b>5.6800e-003</b>	<b>0.0635</b>	<b>1.7000e-004</b>	<b>0.0184</b>	<b>1.3000e-004</b>	<b>0.0186</b>	<b>4.9000e-003</b>	<b>1.2000e-004</b>	<b>5.0200e-003</b>	<b>0.0000</b>	<b>15.7773</b>	<b>15.7773</b>	<b>4.1000e-004</b>	<b>0.0000</b>	<b>15.7877</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1667	0.0000	1.1667	0.4598	0.0000	0.4598	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5260	5.8232	3.8752	7.7800e-003		0.2492	0.2492		0.2292	0.2292	0.0000	683.9112	683.9112	0.2212	0.0000	689.4410
<b>Total</b>	<b>0.5260</b>	<b>5.8232</b>	<b>3.8752</b>	<b>7.7800e-003</b>	<b>1.1667</b>	<b>0.2492</b>	<b>1.4159</b>	<b>0.4598</b>	<b>0.2292</b>	<b>0.6890</b>	<b>0.0000</b>	<b>683.9112</b>	<b>683.9112</b>	<b>0.2212</b>	<b>0.0000</b>	<b>689.4410</b>

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**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6900e-003	5.6800e-003	0.0635	1.7000e-004	0.0184	1.3000e-004	0.0186	4.9000e-003	1.2000e-004	5.0200e-003	0.0000	15.7773	15.7773	4.1000e-004	0.0000	15.7877
<b>Total</b>	<b>8.6900e-003</b>	<b>5.6800e-003</b>	<b>0.0635</b>	<b>1.7000e-004</b>	<b>0.0184</b>	<b>1.3000e-004</b>	<b>0.0186</b>	<b>4.9000e-003</b>	<b>1.2000e-004</b>	<b>5.0200e-003</b>	<b>0.0000</b>	<b>15.7773</b>	<b>15.7773</b>	<b>4.1000e-004</b>	<b>0.0000</b>	<b>15.7877</b>

**3.5 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.5000e-003	0.0872	0.0829	1.3000e-004		4.7900e-003	4.7900e-003		4.5100e-003	4.5100e-003	0.0000	11.5819	11.5819	2.7900e-003	0.0000	11.6517
<b>Total</b>	<b>9.5000e-003</b>	<b>0.0872</b>	<b>0.0829</b>	<b>1.3000e-004</b>		<b>4.7900e-003</b>	<b>4.7900e-003</b>		<b>4.5100e-003</b>	<b>4.5100e-003</b>	<b>0.0000</b>	<b>11.5819</b>	<b>11.5819</b>	<b>2.7900e-003</b>	<b>0.0000</b>	<b>11.6517</b>

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**3.5 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0104	0.3371	0.0901	8.0000e-004	0.0193	9.3000e-004	0.0202	5.5700e-003	8.9000e-004	6.4600e-003	0.0000	77.3154	77.3154	4.4200e-003	0.0000	77.4259
Worker	0.0379	0.0247	0.2766	7.6000e-004	0.0803	5.6000e-004	0.0808	0.0214	5.2000e-004	0.0219	0.0000	68.7037	68.7037	1.8000e-003	0.0000	68.7488
<b>Total</b>	<b>0.0482</b>	<b>0.3618</b>	<b>0.3667</b>	<b>1.5600e-003</b>	<b>0.0995</b>	<b>1.4900e-003</b>	<b>0.1010</b>	<b>0.0269</b>	<b>1.4100e-003</b>	<b>0.0283</b>	<b>0.0000</b>	<b>146.0191</b>	<b>146.0191</b>	<b>6.2200e-003</b>	<b>0.0000</b>	<b>146.1747</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.5000e-003	0.0872	0.0829	1.3000e-004		4.7900e-003	4.7900e-003		4.5100e-003	4.5100e-003	0.0000	11.5819	11.5819	2.7900e-003	0.0000	11.6517
<b>Total</b>	<b>9.5000e-003</b>	<b>0.0872</b>	<b>0.0829</b>	<b>1.3000e-004</b>		<b>4.7900e-003</b>	<b>4.7900e-003</b>		<b>4.5100e-003</b>	<b>4.5100e-003</b>	<b>0.0000</b>	<b>11.5819</b>	<b>11.5819</b>	<b>2.7900e-003</b>	<b>0.0000</b>	<b>11.6517</b>

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**3.5 Building Construction - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0104	0.3371	0.0901	8.0000e-004	0.0193	9.3000e-004	0.0202	5.5700e-003	8.9000e-004	6.4600e-003	0.0000	77.3154	77.3154	4.4200e-003	0.0000	77.4259
Worker	0.0379	0.0247	0.2766	7.6000e-004	0.0803	5.6000e-004	0.0808	0.0214	5.2000e-004	0.0219	0.0000	68.7037	68.7037	1.8000e-003	0.0000	68.7488
<b>Total</b>	<b>0.0482</b>	<b>0.3618</b>	<b>0.3667</b>	<b>1.5600e-003</b>	<b>0.0995</b>	<b>1.4900e-003</b>	<b>0.1010</b>	<b>0.0269</b>	<b>1.4100e-003</b>	<b>0.0283</b>	<b>0.0000</b>	<b>146.0191</b>	<b>146.0191</b>	<b>6.2200e-003</b>	<b>0.0000</b>	<b>146.1747</b>

**3.5 Building Construction - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471
<b>Total</b>	<b>0.2218</b>	<b>2.0300</b>	<b>2.1272</b>	<b>3.5000e-003</b>		<b>0.1052</b>	<b>0.1052</b>		<b>0.0990</b>	<b>0.0990</b>	<b>0.0000</b>	<b>301.2428</b>	<b>301.2428</b>	<b>0.0722</b>	<b>0.0000</b>	<b>303.0471</b>

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**3.5 Building Construction - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2501	8.3211	2.1597	0.0207	0.5008	0.0212	0.5221	0.1447	0.0203	0.1650	0.0000	1,992.5304	1,992.5304	0.1117	0.0000	1,995.3218
Worker	0.9196	0.5782	6.6094	0.0191	2.0871	0.0142	2.1013	0.5551	0.0131	0.5682	0.0000	1,722.3134	1,722.3134	0.0421	0.0000	1,723.3669
<b>Total</b>	<b>1.1697</b>	<b>8.8993</b>	<b>8.7691</b>	<b>0.0398</b>	<b>2.5879</b>	<b>0.0355</b>	<b>2.6234</b>	<b>0.6998</b>	<b>0.0334</b>	<b>0.7332</b>	<b>0.0000</b>	<b>3,714.8438</b>	<b>3,714.8438</b>	<b>0.1538</b>	<b>0.0000</b>	<b>3,718.6887</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467
<b>Total</b>	<b>0.2218</b>	<b>2.0300</b>	<b>2.1272</b>	<b>3.5000e-003</b>		<b>0.1052</b>	<b>0.1052</b>		<b>0.0990</b>	<b>0.0990</b>	<b>0.0000</b>	<b>301.2425</b>	<b>301.2425</b>	<b>0.0722</b>	<b>0.0000</b>	<b>303.0467</b>



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**3.5 Building Construction - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2501	8.3211	2.1597	0.0207	0.5008	0.0212	0.5221	0.1447	0.0203	0.1650	0.0000	1,992.5304	1,992.5304	0.1117	0.0000	1,995.3218
Worker	0.9196	0.5782	6.6094	0.0191	2.0871	0.0142	2.1013	0.5551	0.0131	0.5682	0.0000	1,722.3134	1,722.3134	0.0421	0.0000	1,723.3669
<b>Total</b>	<b>1.1697</b>	<b>8.8993</b>	<b>8.7691</b>	<b>0.0398</b>	<b>2.5879</b>	<b>0.0355</b>	<b>2.6234</b>	<b>0.6998</b>	<b>0.0334</b>	<b>0.7332</b>	<b>0.0000</b>	<b>3,714.8438</b>	<b>3,714.8438</b>	<b>0.1538</b>	<b>0.0000</b>	<b>3,718.6887</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3462	301.3462	0.0717	0.0000	303.1383
<b>Total</b>	<b>0.2045</b>	<b>1.8700</b>	<b>2.1117</b>	<b>3.5000e-003</b>		<b>0.0910</b>	<b>0.0910</b>		<b>0.0856</b>	<b>0.0856</b>	<b>0.0000</b>	<b>301.3462</b>	<b>301.3462</b>	<b>0.0717</b>	<b>0.0000</b>	<b>303.1383</b>

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**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1977	7.0328	1.9106	0.0203	0.5008	0.0101	0.5109	0.1447	9.6600e-003	0.1544	0.0000	1,955.7016	1,955.7016	0.1002	0.0000	1,958.2055
Worker	0.8608	0.5202	6.0701	0.0183	2.0871	0.0139	2.1010	0.5551	0.0128	0.5679	0.0000	1,657.6379	1,657.6379	0.0378	0.0000	1,658.5824
<b>Total</b>	<b>1.0585</b>	<b>7.5530</b>	<b>7.9807</b>	<b>0.0387</b>	<b>2.5879</b>	<b>0.0240</b>	<b>2.6119</b>	<b>0.6998</b>	<b>0.0224</b>	<b>0.7223</b>	<b>0.0000</b>	<b>3,613.3395</b>	<b>3,613.3395</b>	<b>0.1379</b>	<b>0.0000</b>	<b>3,616.7879</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3458	301.3458	0.0717	0.0000	303.1380
<b>Total</b>	<b>0.2045</b>	<b>1.8700</b>	<b>2.1117</b>	<b>3.5000e-003</b>		<b>0.0910</b>	<b>0.0910</b>		<b>0.0856</b>	<b>0.0856</b>	<b>0.0000</b>	<b>301.3458</b>	<b>301.3458</b>	<b>0.0717</b>	<b>0.0000</b>	<b>303.1380</b>

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**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1977	7.0328	1.9106	0.0203	0.5008	0.0101	0.5109	0.1447	9.6600e-003	0.1544	0.0000	1,955.7016	1,955.7016	0.1002	0.0000	1,958.2055
Worker	0.8608	0.5202	6.0701	0.0183	2.0871	0.0139	2.1010	0.5551	0.0128	0.5679	0.0000	1,657.6379	1,657.6379	0.0378	0.0000	1,658.5824
<b>Total</b>	<b>1.0585</b>	<b>7.5530</b>	<b>7.9807</b>	<b>0.0387</b>	<b>2.5879</b>	<b>0.0240</b>	<b>2.6119</b>	<b>0.6998</b>	<b>0.0224</b>	<b>0.7223</b>	<b>0.0000</b>	<b>3,613.3395</b>	<b>3,613.3395</b>	<b>0.1379</b>	<b>0.0000</b>	<b>3,616.7879</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179
<b>Total</b>	<b>0.1928</b>	<b>1.7611</b>	<b>2.1179</b>	<b>3.5300e-003</b>		<b>0.0803</b>	<b>0.0803</b>		<b>0.0756</b>	<b>0.0756</b>	<b>0.0000</b>	<b>303.7223</b>	<b>303.7223</b>	<b>0.0718</b>	<b>0.0000</b>	<b>305.5179</b>

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**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1898	6.9516	1.7999	0.0204	0.5046	9.6700e-003	0.5142	0.1458	9.2400e-003	0.1550	0.0000	1,959.3045	1,959.3045	0.0997	0.0000	1,961.7971
Worker	0.8156	0.4738	5.6645	0.0178	2.1032	0.0137	2.1169	0.5594	0.0126	0.5720	0.0000	1,605.4556	1,605.4556	0.0343	0.0000	1,606.3141
<b>Total</b>	<b>1.0055</b>	<b>7.4254</b>	<b>7.4644</b>	<b>0.0381</b>	<b>2.6077</b>	<b>0.0233</b>	<b>2.6311</b>	<b>0.7052</b>	<b>0.0218</b>	<b>0.7270</b>	<b>0.0000</b>	<b>3,564.7601</b>	<b>3,564.7601</b>	<b>0.1340</b>	<b>0.0000</b>	<b>3,568.1112</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
<b>Total</b>	<b>0.1928</b>	<b>1.7611</b>	<b>2.1179</b>	<b>3.5300e-003</b>		<b>0.0803</b>	<b>0.0803</b>		<b>0.0756</b>	<b>0.0756</b>	<b>0.0000</b>	<b>303.7220</b>	<b>303.7220</b>	<b>0.0718</b>	<b>0.0000</b>	<b>305.5175</b>

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**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1898	6.9516	1.7999	0.0204	0.5046	9.6700e-003	0.5142	0.1458	9.2400e-003	0.1550	0.0000	1,959.3045	1,959.3045	0.0997	0.0000	1,961.7971
Worker	0.8156	0.4738	5.6645	0.0178	2.1032	0.0137	2.1169	0.5594	0.0126	0.5720	0.0000	1,605.4556	1,605.4556	0.0343	0.0000	1,606.3141
<b>Total</b>	<b>1.0055</b>	<b>7.4254</b>	<b>7.4644</b>	<b>0.0381</b>	<b>2.6077</b>	<b>0.0233</b>	<b>2.6311</b>	<b>0.7052</b>	<b>0.0218</b>	<b>0.7270</b>	<b>0.0000</b>	<b>3,564.7601</b>	<b>3,564.7601</b>	<b>0.1340</b>	<b>0.0000</b>	<b>3,568.1112</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1814	6.7967	1.6977	0.0201	0.5026	9.1300e-003	0.5117	0.1452	8.7300e-003	0.1540	0.0000	1,940.8090	1,940.8090	0.0982	0.0000	1,943.2629
Worker	0.7673	0.4286	5.2269	0.0170	2.0952	0.0134	2.1085	0.5572	0.0123	0.5695	0.0000	1,535.2962	1,535.2962	0.0310	0.0000	1,536.0713
<b>Total</b>	<b>0.9487</b>	<b>7.2253</b>	<b>6.9246</b>	<b>0.0371</b>	<b>2.5977</b>	<b>0.0225</b>	<b>2.6202</b>	<b>0.7025</b>	<b>0.0210</b>	<b>0.7235</b>	<b>0.0000</b>	<b>3,476.1052</b>	<b>3,476.1052</b>	<b>0.1292</b>	<b>0.0000</b>	<b>3,479.3342</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>

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**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1814	6.7967	1.6977	0.0201	0.5026	9.1300e-003	0.5117	0.1452	8.7300e-003	0.1540	0.0000	1,940.8090	1,940.8090	0.0982	0.0000	1,943.2629
Worker	0.7673	0.4286	5.2269	0.0170	2.0952	0.0134	2.1085	0.5572	0.0123	0.5695	0.0000	1,535.2962	1,535.2962	0.0310	0.0000	1,536.0713
<b>Total</b>	<b>0.9487</b>	<b>7.2253</b>	<b>6.9246</b>	<b>0.0371</b>	<b>2.5977</b>	<b>0.0225</b>	<b>2.6202</b>	<b>0.7025</b>	<b>0.0210</b>	<b>0.7235</b>	<b>0.0000</b>	<b>3,476.1052</b>	<b>3,476.1052</b>	<b>0.1292</b>	<b>0.0000</b>	<b>3,479.3342</b>

**3.5 Building Construction - 2026**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1746	6.6746	1.6201	0.0200	0.5026	8.6400e-003	0.5112	0.1452	8.2600e-003	0.1535	0.0000	1,930.3418	1,930.3418	0.0971	0.0000	1,932.7693
Worker	0.7274	0.3916	4.8650	0.0163	2.0952	0.0130	2.1081	0.5572	0.0119	0.5692	0.0000	1,478.2538	1,478.2538	0.0282	0.0000	1,478.9594
<b>Total</b>	<b>0.9020</b>	<b>7.0661</b>	<b>6.4850</b>	<b>0.0364</b>	<b>2.5977</b>	<b>0.0216</b>	<b>2.6193</b>	<b>0.7025</b>	<b>0.0202</b>	<b>0.7227</b>	<b>0.0000</b>	<b>3,408.5956</b>	<b>3,408.5956</b>	<b>0.1253</b>	<b>0.0000</b>	<b>3,411.7286</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>



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**3.5 Building Construction - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1746	6.6746	1.6201	0.0200	0.5026	8.6400e-003	0.5112	0.1452	8.2600e-003	0.1535	0.0000	1,930.3418	1,930.3418	0.0971	0.0000	1,932.7693
Worker	0.7274	0.3916	4.8650	0.0163	2.0952	0.0130	2.1081	0.5572	0.0119	0.5692	0.0000	1,478.2538	1,478.2538	0.0282	0.0000	1,478.9594
<b>Total</b>	<b>0.9020</b>	<b>7.0661</b>	<b>6.4850</b>	<b>0.0364</b>	<b>2.5977</b>	<b>0.0216</b>	<b>2.6193</b>	<b>0.7025</b>	<b>0.0202</b>	<b>0.7227</b>	<b>0.0000</b>	<b>3,408.5956</b>	<b>3,408.5956</b>	<b>0.1253</b>	<b>0.0000</b>	<b>3,411.7286</b>

**3.5 Building Construction - 2027**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2027**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1686	6.5623	1.5526	0.0199	0.5025	8.2200e-003	0.5107	0.1452	7.8600e-003	0.1531	0.0000	1,920.4986	1,920.4986	0.0961	0.0000	1,922.9002
Worker	0.6883	0.3583	4.5382	0.0158	2.0952	0.0123	2.1075	0.5572	0.0114	0.5686	0.0000	1,427.1901	1,427.1901	0.0257	0.0000	1,427.8330
<b>Total</b>	<b>0.8568</b>	<b>6.9206</b>	<b>6.0908</b>	<b>0.0357</b>	<b>2.5977</b>	<b>0.0206</b>	<b>2.6182</b>	<b>0.7024</b>	<b>0.0192</b>	<b>0.7216</b>	<b>0.0000</b>	<b>3,347.6886</b>	<b>3,347.6886</b>	<b>0.1218</b>	<b>0.0000</b>	<b>3,350.7331</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>

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**3.5 Building Construction - 2027**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1686	6.5623	1.5526	0.0199	0.5025	8.2200e-003	0.5107	0.1452	7.8600e-003	0.1531	0.0000	1,920.4986	1,920.4986	0.0961	0.0000	1,922.9002
Worker	0.6883	0.3583	4.5382	0.0158	2.0952	0.0123	2.1075	0.5572	0.0114	0.5686	0.0000	1,427.1901	1,427.1901	0.0257	0.0000	1,427.8330
<b>Total</b>	<b>0.8568</b>	<b>6.9206</b>	<b>6.0908</b>	<b>0.0357</b>	<b>2.5977</b>	<b>0.0206</b>	<b>2.6182</b>	<b>0.7024</b>	<b>0.0192</b>	<b>0.7216</b>	<b>0.0000</b>	<b>3,347.6886</b>	<b>3,347.6886</b>	<b>0.1218</b>	<b>0.0000</b>	<b>3,350.7331</b>

**3.5 Building Construction - 2028**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671
<b>Total</b>	<b>0.1778</b>	<b>1.6211</b>	<b>2.0910</b>	<b>3.5000e-003</b>		<b>0.0686</b>	<b>0.0686</b>		<b>0.0645</b>	<b>0.0645</b>	<b>0.0000</b>	<b>301.4953</b>	<b>301.4953</b>	<b>0.0709</b>	<b>0.0000</b>	<b>303.2671</b>

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**3.5 Building Construction - 2028**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1627	6.4420	1.4898	0.0198	0.5006	7.8200e-003	0.5084	0.1446	7.4700e-003	0.1521	0.0000	1,904.7753	1,904.7753	0.0947	0.0000	1,907.1417
Worker	0.6452	0.3275	4.2339	0.0152	2.0871	0.0115	2.0986	0.5551	0.0106	0.5657	0.0000	1,376.5657	1,376.5657	0.0235	0.0000	1,377.1521
<b>Total</b>	<b>0.8079</b>	<b>6.7694</b>	<b>5.7237</b>	<b>0.0350</b>	<b>2.5877</b>	<b>0.0193</b>	<b>2.6070</b>	<b>0.6997</b>	<b>0.0180</b>	<b>0.7178</b>	<b>0.0000</b>	<b>3,281.3410</b>	<b>3,281.3410</b>	<b>0.1181</b>	<b>0.0000</b>	<b>3,284.2938</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667
<b>Total</b>	<b>0.1778</b>	<b>1.6211</b>	<b>2.0910</b>	<b>3.5000e-003</b>		<b>0.0686</b>	<b>0.0686</b>		<b>0.0645</b>	<b>0.0645</b>	<b>0.0000</b>	<b>301.4949</b>	<b>301.4949</b>	<b>0.0709</b>	<b>0.0000</b>	<b>303.2667</b>

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**3.5 Building Construction - 2028**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1627	6.4420	1.4898	0.0198	0.5006	7.8200e-003	0.5084	0.1446	7.4700e-003	0.1521	0.0000	1,904.7753	1,904.7753	0.0947	0.0000	1,907.1417
Worker	0.6452	0.3275	4.2339	0.0152	2.0871	0.0115	2.0986	0.5551	0.0106	0.5657	0.0000	1,376.5657	1,376.5657	0.0235	0.0000	1,377.1521
<b>Total</b>	<b>0.8079</b>	<b>6.7694</b>	<b>5.7237</b>	<b>0.0350</b>	<b>2.5877</b>	<b>0.0193</b>	<b>2.6070</b>	<b>0.6997</b>	<b>0.0180</b>	<b>0.7178</b>	<b>0.0000</b>	<b>3,281.3410</b>	<b>3,281.3410</b>	<b>0.1181</b>	<b>0.0000</b>	<b>3,284.2938</b>

**3.5 Building Construction - 2029**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2029**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1585	6.3758	1.4478	0.0197	0.5025	7.4700e-003	0.5099	0.1452	7.1400e-003	0.1523	0.0000	1,904.4582	1,904.4582	0.0940	0.0000	1,906.8074
Worker	0.6035	0.3012	3.9735	0.0148	2.0952	0.0107	2.1059	0.5572	9.8600e-003	0.5671	0.0000	1,341.6855	1,341.6855	0.0215	0.0000	1,342.2226
<b>Total</b>	<b>0.7620</b>	<b>6.6769</b>	<b>5.4213</b>	<b>0.0346</b>	<b>2.5976</b>	<b>0.0182</b>	<b>2.6158</b>	<b>0.7024</b>	<b>0.0170</b>	<b>0.7194</b>	<b>0.0000</b>	<b>3,246.1436</b>	<b>3,246.1436</b>	<b>0.1155</b>	<b>0.0000</b>	<b>3,249.0300</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>

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**3.5 Building Construction - 2029**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1585	6.3758	1.4478	0.0197	0.5025	7.4700e-003	0.5099	0.1452	7.1400e-003	0.1523	0.0000	1,904.4582	1,904.4582	0.0940	0.0000	1,906.8074
Worker	0.6035	0.3012	3.9735	0.0148	2.0952	0.0107	2.1059	0.5572	9.8600e-003	0.5671	0.0000	1,341.6855	1,341.6855	0.0215	0.0000	1,342.2226
<b>Total</b>	<b>0.7620</b>	<b>6.6769</b>	<b>5.4213</b>	<b>0.0346</b>	<b>2.5976</b>	<b>0.0182</b>	<b>2.6158</b>	<b>0.7024</b>	<b>0.0170</b>	<b>0.7194</b>	<b>0.0000</b>	<b>3,246.1436</b>	<b>3,246.1436</b>	<b>0.1155</b>	<b>0.0000</b>	<b>3,249.0300</b>

**3.5 Building Construction - 2030**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
<b>Total</b>	<b>0.1708</b>	<b>1.0355</b>	<b>2.1085</b>	<b>4.0400e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>343.0336</b>	<b>343.0336</b>	<b>0.0138</b>	<b>0.0000</b>	<b>343.3777</b>

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**3.5 Building Construction - 2030**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1542	6.2906	1.4085	0.0197	0.5024	7.0900e-003	0.5095	0.1452	6.7800e-003	0.1520	0.0000	1,897.6337	1,897.6337	0.0929	0.0000	1,899.9558
Worker	0.5608	0.2763	3.7246	0.0144	2.0952	9.9800e-003	2.1051	0.5572	9.1900e-003	0.5664	0.0000	1,306.2943	1,306.2943	0.0197	0.0000	1,306.7854
<b>Total</b>	<b>0.7150</b>	<b>6.5669</b>	<b>5.1331</b>	<b>0.0341</b>	<b>2.5976</b>	<b>0.0171</b>	<b>2.6147</b>	<b>0.7024</b>	<b>0.0160</b>	<b>0.7184</b>	<b>0.0000</b>	<b>3,203.9279</b>	<b>3,203.9279</b>	<b>0.1125</b>	<b>0.0000</b>	<b>3,206.7412</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
<b>Total</b>	<b>0.1708</b>	<b>1.0355</b>	<b>2.1085</b>	<b>4.0400e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>343.0332</b>	<b>343.0332</b>	<b>0.0138</b>	<b>0.0000</b>	<b>343.3773</b>



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**3.5 Building Construction - 2030**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1542	6.2906	1.4085	0.0197	0.5024	7.0900e-003	0.5095	0.1452	6.7800e-003	0.1520	0.0000	1,897.6337	1,897.6337	0.0929	0.0000	1,899.9558
Worker	0.5608	0.2763	3.7246	0.0144	2.0952	9.9800e-003	2.1051	0.5572	9.1900e-003	0.5664	0.0000	1,306.2943	1,306.2943	0.0197	0.0000	1,306.7854
<b>Total</b>	<b>0.7150</b>	<b>6.5669</b>	<b>5.1331</b>	<b>0.0341</b>	<b>2.5976</b>	<b>0.0171</b>	<b>2.6147</b>	<b>0.7024</b>	<b>0.0160</b>	<b>0.7184</b>	<b>0.0000</b>	<b>3,203.9279</b>	<b>3,203.9279</b>	<b>0.1125</b>	<b>0.0000</b>	<b>3,206.7412</b>

**3.5 Building Construction - 2031**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
<b>Total</b>	<b>0.1708</b>	<b>1.0355</b>	<b>2.1085</b>	<b>4.0400e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>343.0336</b>	<b>343.0336</b>	<b>0.0138</b>	<b>0.0000</b>	<b>343.3777</b>

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**3.5 Building Construction - 2031**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1506	6.2133	1.3762	0.0196	0.5024	6.7500e-003	0.5092	0.1452	6.4500e-003	0.1516	0.0000	1,891.8306	1,891.8306	0.0920	0.0000	1,894.1293
Worker	0.5155	0.2528	3.4871	0.0141	2.0952	9.2900e-003	2.1044	0.5572	8.5400e-003	0.5658	0.0000	1,275.2475	1,275.2475	0.0179	0.0000	1,275.6956
<b>Total</b>	<b>0.6661</b>	<b>6.4661</b>	<b>4.8633</b>	<b>0.0337</b>	<b>2.5976</b>	<b>0.0160</b>	<b>2.6136</b>	<b>0.7024</b>	<b>0.0150</b>	<b>0.7174</b>	<b>0.0000</b>	<b>3,167.0782</b>	<b>3,167.0782</b>	<b>0.1099</b>	<b>0.0000</b>	<b>3,169.8249</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
<b>Total</b>	<b>0.1708</b>	<b>1.0355</b>	<b>2.1085</b>	<b>4.0400e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>343.0332</b>	<b>343.0332</b>	<b>0.0138</b>	<b>0.0000</b>	<b>343.3773</b>

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**3.5 Building Construction - 2031**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1506	6.2133	1.3762	0.0196	0.5024	6.7500e-003	0.5092	0.1452	6.4500e-003	0.1516	0.0000	1,891.8306	1,891.8306	0.0920	0.0000	1,894.1293
Worker	0.5155	0.2528	3.4871	0.0141	2.0952	9.2900e-003	2.1044	0.5572	8.5400e-003	0.5658	0.0000	1,275.2475	1,275.2475	0.0179	0.0000	1,275.6956
<b>Total</b>	<b>0.6661</b>	<b>6.4661</b>	<b>4.8633</b>	<b>0.0337</b>	<b>2.5976</b>	<b>0.0160</b>	<b>2.6136</b>	<b>0.7024</b>	<b>0.0150</b>	<b>0.7174</b>	<b>0.0000</b>	<b>3,167.0782</b>	<b>3,167.0782</b>	<b>0.1099</b>	<b>0.0000</b>	<b>3,169.8249</b>

**3.5 Building Construction - 2032**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933
<b>Total</b>	<b>0.1715</b>	<b>1.0394</b>	<b>2.1166</b>	<b>4.0600e-003</b>		<b>0.0194</b>	<b>0.0194</b>		<b>0.0194</b>	<b>0.0194</b>	<b>0.0000</b>	<b>344.3479</b>	<b>344.3479</b>	<b>0.0138</b>	<b>0.0000</b>	<b>344.6933</b>

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**3.5 Building Construction - 2032**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1481	6.1651	1.3559	0.0196	0.5043	6.5000e-003	0.5108	0.1457	6.2200e-003	0.1519	0.0000	1,894.3216	1,894.3216	0.0915	0.0000	1,896.6083
Worker	0.4768	0.2334	3.2904	0.0138	2.1032	8.6700e-003	2.1119	0.5594	7.9800e-003	0.5674	0.0000	1,252.9980	1,252.9980	0.0165	0.0000	1,253.4102
<b>Total</b>	<b>0.6250</b>	<b>6.3985</b>	<b>4.6463</b>	<b>0.0335</b>	<b>2.6075</b>	<b>0.0152</b>	<b>2.6227</b>	<b>0.7051</b>	<b>0.0142</b>	<b>0.7193</b>	<b>0.0000</b>	<b>3,147.3196</b>	<b>3,147.3196</b>	<b>0.1080</b>	<b>0.0000</b>	<b>3,150.0185</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929
<b>Total</b>	<b>0.1715</b>	<b>1.0394</b>	<b>2.1166</b>	<b>4.0600e-003</b>		<b>0.0194</b>	<b>0.0194</b>		<b>0.0194</b>	<b>0.0194</b>	<b>0.0000</b>	<b>344.3475</b>	<b>344.3475</b>	<b>0.0138</b>	<b>0.0000</b>	<b>344.6929</b>

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**3.5 Building Construction - 2032**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1481	6.1651	1.3559	0.0196	0.5043	6.5000e-003	0.5108	0.1457	6.2200e-003	0.1519	0.0000	1,894.3216	1,894.3216	0.0915	0.0000	1,896.6083
Worker	0.4768	0.2334	3.2904	0.0138	2.1032	8.6700e-003	2.1119	0.5594	7.9800e-003	0.5674	0.0000	1,252.9980	1,252.9980	0.0165	0.0000	1,253.4102
<b>Total</b>	<b>0.6250</b>	<b>6.3985</b>	<b>4.6463</b>	<b>0.0335</b>	<b>2.6075</b>	<b>0.0152</b>	<b>2.6227</b>	<b>0.7051</b>	<b>0.0142</b>	<b>0.7193</b>	<b>0.0000</b>	<b>3,147.3196</b>	<b>3,147.3196</b>	<b>0.1080</b>	<b>0.0000</b>	<b>3,150.0185</b>

**3.5 Building Construction - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1440	0.8728	1.7773	3.4100e-003		0.0163	0.0163		0.0163	0.0163	0.0000	289.1471	289.1471	0.0116	0.0000	289.4371
<b>Total</b>	<b>0.1440</b>	<b>0.8728</b>	<b>1.7773</b>	<b>3.4100e-003</b>		<b>0.0163</b>	<b>0.0163</b>		<b>0.0163</b>	<b>0.0163</b>	<b>0.0000</b>	<b>289.1471</b>	<b>289.1471</b>	<b>0.0116</b>	<b>0.0000</b>	<b>289.4371</b>

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**3.5 Building Construction - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1222	5.1230	1.1202	0.0164	0.4235	5.2700e-003	0.4287	0.1224	5.0400e-003	0.1274	0.0000	1,587.1606	1,587.1606	0.0762	0.0000	1,589.0654
Worker	0.3726	0.1821	2.6144	0.0114	1.7660	6.7900e-003	1.7728	0.4697	6.2500e-003	0.4760	0.0000	1,032.4933	1,032.4933	0.0128	0.0000	1,032.8130
<b>Total</b>	<b>0.4948</b>	<b>5.3051</b>	<b>3.7346</b>	<b>0.0278</b>	<b>2.1895</b>	<b>0.0121</b>	<b>2.2016</b>	<b>0.5921</b>	<b>0.0113</b>	<b>0.6033</b>	<b>0.0000</b>	<b>2,619.6539</b>	<b>2,619.6539</b>	<b>0.0890</b>	<b>0.0000</b>	<b>2,621.8784</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1440	0.8728	1.7773	3.4100e-003		0.0163	0.0163		0.0163	0.0163	0.0000	289.1468	289.1468	0.0116	0.0000	289.4368
<b>Total</b>	<b>0.1440</b>	<b>0.8728</b>	<b>1.7773</b>	<b>3.4100e-003</b>		<b>0.0163</b>	<b>0.0163</b>		<b>0.0163</b>	<b>0.0163</b>	<b>0.0000</b>	<b>289.1468</b>	<b>289.1468</b>	<b>0.0116</b>	<b>0.0000</b>	<b>289.4368</b>

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**3.5 Building Construction - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1222	5.1230	1.1202	0.0164	0.4235	5.2700e-003	0.4287	0.1224	5.0400e-003	0.1274	0.0000	1,587.1606	1,587.1606	0.0762	0.0000	1,589.0654
Worker	0.3726	0.1821	2.6144	0.0114	1.7660	6.7900e-003	1.7728	0.4697	6.2500e-003	0.4760	0.0000	1,032.4933	1,032.4933	0.0128	0.0000	1,032.8130
<b>Total</b>	<b>0.4948</b>	<b>5.3051</b>	<b>3.7346</b>	<b>0.0278</b>	<b>2.1895</b>	<b>0.0121</b>	<b>2.2016</b>	<b>0.5921</b>	<b>0.0113</b>	<b>0.6033</b>	<b>0.0000</b>	<b>2,619.6539</b>	<b>2,619.6539</b>	<b>0.0890</b>	<b>0.0000</b>	<b>2,621.8784</b>

**3.6 Paving - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0277	0.1424	0.3170	5.6000e-004		6.6100e-003	6.6100e-003		6.6100e-003	6.6100e-003	0.0000	48.1990	48.1990	2.2600e-003	0.0000	48.2555
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0277</b>	<b>0.1424</b>	<b>0.3170</b>	<b>5.6000e-004</b>		<b>6.6100e-003</b>	<b>6.6100e-003</b>		<b>6.6100e-003</b>	<b>6.6100e-003</b>	<b>0.0000</b>	<b>48.1990</b>	<b>48.1990</b>	<b>2.2600e-003</b>	<b>0.0000</b>	<b>48.2555</b>

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**3.6 Paving - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	2.3000e-004	3.2600e-003	1.0000e-005	2.2000e-003	1.0000e-005	2.2100e-003	5.9000e-004	1.0000e-005	5.9000e-004	0.0000	1.2882	1.2882	2.0000e-005	0.0000	1.2886
<b>Total</b>	<b>4.6000e-004</b>	<b>2.3000e-004</b>	<b>3.2600e-003</b>	<b>1.0000e-005</b>	<b>2.2000e-003</b>	<b>1.0000e-005</b>	<b>2.2100e-003</b>	<b>5.9000e-004</b>	<b>1.0000e-005</b>	<b>5.9000e-004</b>	<b>0.0000</b>	<b>1.2882</b>	<b>1.2882</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>1.2886</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0277	0.1424	0.3170	5.6000e-004		6.6100e-003	6.6100e-003		6.6100e-003	6.6100e-003	0.0000	48.1990	48.1990	2.2600e-003	0.0000	48.2555
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0277</b>	<b>0.1424</b>	<b>0.3170</b>	<b>5.6000e-004</b>		<b>6.6100e-003</b>	<b>6.6100e-003</b>		<b>6.6100e-003</b>	<b>6.6100e-003</b>	<b>0.0000</b>	<b>48.1990</b>	<b>48.1990</b>	<b>2.2600e-003</b>	<b>0.0000</b>	<b>48.2555</b>



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**3.6 Paving - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.6000e-004	2.3000e-004	3.2600e-003	1.0000e-005	2.2000e-003	1.0000e-005	2.2100e-003	5.9000e-004	1.0000e-005	5.9000e-004	0.0000	1.2882	1.2882	2.0000e-005	0.0000	1.2886
<b>Total</b>	<b>4.6000e-004</b>	<b>2.3000e-004</b>	<b>3.2600e-003</b>	<b>1.0000e-005</b>	<b>2.2000e-003</b>	<b>1.0000e-005</b>	<b>2.2100e-003</b>	<b>5.9000e-004</b>	<b>1.0000e-005</b>	<b>5.9000e-004</b>	<b>0.0000</b>	<b>1.2882</b>	<b>1.2882</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>1.2886</b>

**3.6 Paving - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1246	0.6408	1.4265	2.5200e-003		0.0298	0.0298		0.0298	0.0298	0.0000	216.8956	216.8956	0.0102	0.0000	217.1498
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.1246</b>	<b>0.6408</b>	<b>1.4265</b>	<b>2.5200e-003</b>		<b>0.0298</b>	<b>0.0298</b>		<b>0.0298</b>	<b>0.0298</b>	<b>0.0000</b>	<b>216.8956</b>	<b>216.8956</b>	<b>0.0102</b>	<b>0.0000</b>	<b>217.1498</b>

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**3.6 Paving - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9500e-003	9.6000e-004	0.0139	6.0000e-005	9.9100e-003	4.0000e-005	9.9500e-003	2.6400e-003	3.0000e-005	2.6700e-003	0.0000	5.7014	5.7014	7.0000e-005	0.0000	5.7031
<b>Total</b>	<b>1.9500e-003</b>	<b>9.6000e-004</b>	<b>0.0139</b>	<b>6.0000e-005</b>	<b>9.9100e-003</b>	<b>4.0000e-005</b>	<b>9.9500e-003</b>	<b>2.6400e-003</b>	<b>3.0000e-005</b>	<b>2.6700e-003</b>	<b>0.0000</b>	<b>5.7014</b>	<b>5.7014</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>5.7031</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1246	0.6408	1.4265	2.5200e-003		0.0298	0.0298		0.0298	0.0298	0.0000	216.8954	216.8954	0.0102	0.0000	217.1496
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.1246</b>	<b>0.6408</b>	<b>1.4265</b>	<b>2.5200e-003</b>		<b>0.0298</b>	<b>0.0298</b>		<b>0.0298</b>	<b>0.0298</b>	<b>0.0000</b>	<b>216.8954</b>	<b>216.8954</b>	<b>0.0102</b>	<b>0.0000</b>	<b>217.1496</b>

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**3.6 Paving - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9500e-003	9.6000e-004	0.0139	6.0000e-005	9.9100e-003	4.0000e-005	9.9500e-003	2.6400e-003	3.0000e-005	2.6700e-003	0.0000	5.7014	5.7014	7.0000e-005	0.0000	5.7031
<b>Total</b>	<b>1.9500e-003</b>	<b>9.6000e-004</b>	<b>0.0139</b>	<b>6.0000e-005</b>	<b>9.9100e-003</b>	<b>4.0000e-005</b>	<b>9.9500e-003</b>	<b>2.6400e-003</b>	<b>3.0000e-005</b>	<b>2.6700e-003</b>	<b>0.0000</b>	<b>5.7014</b>	<b>5.7014</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>5.7031</b>

**3.7 Architectural Coating - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.4853					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.2300e-003	0.0343	0.0719	1.2000e-004		8.1000e-004	8.1000e-004		8.1000e-004	8.1000e-004	0.0000	10.2130	10.2130	4.1000e-004	0.0000	10.2234
<b>Total</b>	<b>3.4905</b>	<b>0.0343</b>	<b>0.0719</b>	<b>1.2000e-004</b>		<b>8.1000e-004</b>	<b>8.1000e-004</b>		<b>8.1000e-004</b>	<b>8.1000e-004</b>	<b>0.0000</b>	<b>10.2130</b>	<b>10.2130</b>	<b>4.1000e-004</b>	<b>0.0000</b>	<b>10.2234</b>

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**3.7 Architectural Coating - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0253	0.0124	0.1798	8.1000e-004	0.1284	4.6000e-004	0.1288	0.0341	4.2000e-004	0.0346	0.0000	73.8225	73.8225	8.6000e-004	0.0000	73.8440
<b>Total</b>	<b>0.0253</b>	<b>0.0124</b>	<b>0.1798</b>	<b>8.1000e-004</b>	<b>0.1284</b>	<b>4.6000e-004</b>	<b>0.1288</b>	<b>0.0341</b>	<b>4.2000e-004</b>	<b>0.0346</b>	<b>0.0000</b>	<b>73.8225</b>	<b>73.8225</b>	<b>8.6000e-004</b>	<b>0.0000</b>	<b>73.8440</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.4853					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.2300e-003	0.0343	0.0719	1.2000e-004		8.1000e-004	8.1000e-004		8.1000e-004	8.1000e-004	0.0000	10.2130	10.2130	4.1000e-004	0.0000	10.2233
<b>Total</b>	<b>3.4905</b>	<b>0.0343</b>	<b>0.0719</b>	<b>1.2000e-004</b>		<b>8.1000e-004</b>	<b>8.1000e-004</b>		<b>8.1000e-004</b>	<b>8.1000e-004</b>	<b>0.0000</b>	<b>10.2130</b>	<b>10.2130</b>	<b>4.1000e-004</b>	<b>0.0000</b>	<b>10.2233</b>

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**3.7 Architectural Coating - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0253	0.0124	0.1798	8.1000e-004	0.1284	4.6000e-004	0.1288	0.0341	4.2000e-004	0.0346	0.0000	73.8225	73.8225	8.6000e-004	0.0000	73.8440
<b>Total</b>	<b>0.0253</b>	<b>0.0124</b>	<b>0.1798</b>	<b>8.1000e-004</b>	<b>0.1284</b>	<b>4.6000e-004</b>	<b>0.1288</b>	<b>0.0341</b>	<b>4.2000e-004</b>	<b>0.0346</b>	<b>0.0000</b>	<b>73.8225</b>	<b>73.8225</b>	<b>8.6000e-004</b>	<b>0.0000</b>	<b>73.8440</b>

**3.7 Architectural Coating - 2035**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	6.0992					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.2500e-003	0.0530	0.1256	2.1000e-004		6.9000e-004	6.9000e-004		6.9000e-004	6.9000e-004	0.0000	17.8728	17.8728	6.6000e-004	0.0000	17.8893
<b>Total</b>	<b>6.1075</b>	<b>0.0530</b>	<b>0.1256</b>	<b>2.1000e-004</b>		<b>6.9000e-004</b>	<b>6.9000e-004</b>		<b>6.9000e-004</b>	<b>6.9000e-004</b>	<b>0.0000</b>	<b>17.8728</b>	<b>17.8728</b>	<b>6.6000e-004</b>	<b>0.0000</b>	<b>17.8893</b>

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**3.7 Architectural Coating - 2035**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0416	0.0205	0.2994	1.4100e-003	0.2247	7.5000e-004	0.2254	0.0598	6.9000e-004	0.0605	0.0000	127.3536	127.3536	1.4000e-003	0.0000	127.3885
<b>Total</b>	<b>0.0416</b>	<b>0.0205</b>	<b>0.2994</b>	<b>1.4100e-003</b>	<b>0.2247</b>	<b>7.5000e-004</b>	<b>0.2254</b>	<b>0.0598</b>	<b>6.9000e-004</b>	<b>0.0605</b>	<b>0.0000</b>	<b>127.3536</b>	<b>127.3536</b>	<b>1.4000e-003</b>	<b>0.0000</b>	<b>127.3885</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	6.0992					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.2500e-003	0.0530	0.1256	2.1000e-004		6.9000e-004	6.9000e-004		6.9000e-004	6.9000e-004	0.0000	17.8728	17.8728	6.6000e-004	0.0000	17.8893
<b>Total</b>	<b>6.1075</b>	<b>0.0530</b>	<b>0.1256</b>	<b>2.1000e-004</b>		<b>6.9000e-004</b>	<b>6.9000e-004</b>		<b>6.9000e-004</b>	<b>6.9000e-004</b>	<b>0.0000</b>	<b>17.8728</b>	<b>17.8728</b>	<b>6.6000e-004</b>	<b>0.0000</b>	<b>17.8893</b>

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**3.7 Architectural Coating - 2035**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0416	0.0205	0.2994	1.4100e-003	0.2247	7.5000e-004	0.2254	0.0598	6.9000e-004	0.0605	0.0000	127.3536	127.3536	1.4000e-003	0.0000	127.3885
<b>Total</b>	<b>0.0416</b>	<b>0.0205</b>	<b>0.2994</b>	<b>1.4100e-003</b>	<b>0.2247</b>	<b>7.5000e-004</b>	<b>0.2254</b>	<b>0.0598</b>	<b>6.9000e-004</b>	<b>0.0605</b>	<b>0.0000</b>	<b>127.3536</b>	<b>127.3536</b>	<b>1.4000e-003</b>	<b>0.0000</b>	<b>127.3885</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.6131	8.4014	17.7295	0.0819	9.5153	0.0424	9.5577	2.5477	0.0394	2.5871	0.0000	7,586.5811	7,586.5811	0.2842	0.0000	7,593.6872
Unmitigated	1.6131	8.4014	17.7295	0.0819	9.5153	0.0424	9.5577	2.5477	0.0394	2.5871	0.0000	7,586.5811	7,586.5811	0.2842	0.0000	7,593.6872

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	7,334.67	7,969.08	6755.91	15,510,917	15,510,917
City Park	118.50	1,426.43	1049.60	814,524	814,524
Elementary School	1,535.29	0.00	0.00	2,306,054	2,306,054
General Light Industry	181.57	34.39	17.71	379,280	379,280
General Light Industry	2,885.23	546.41	281.49	6,026,986	6,026,986
Racquet Club	70.15	106.75	87.00	102,710	102,710
Racquet Club	291.82	444.08	361.92	427,275	427,275
<b>Total</b>	<b>12,417.23</b>	<b>10,527.14</b>	<b>8,553.63</b>	<b>25,567,746</b>	<b>25,567,746</b>

4.3 Trip Type Information



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Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	6.98	5.00	6.50	46.50	12.50	41.00	86	11	3
City Park	10.15	5.00	6.50	33.00	48.00	19.00	66	28	6
Elementary School	10.00	5.00	6.50	65.00	30.00	5.00	63	25	12
General Light Industry	10.00	5.00	6.50	59.00	28.00	13.00	92	5	3
General Light Industry	10.00	5.00	6.50	59.00	28.00	13.00	92	5	3
Racquet Club	10.00	5.00	6.50	11.50	69.50	19.00	52	39	9
Racquet Club	10.00	5.00	6.50	11.50	69.50	19.00	52	39	9

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
City Park	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Elementary School	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
General Light Industry	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Racquet Club	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated							0.0000	0.0000		0.0000	0.0000	835.3977	835.3977	0.1684	0.0348	849.9917
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	835.3977	835.3977	0.1684	0.0348	849.9917
NaturalGas Mitigated	0.1707	1.5125	1.0133	9.3100e-003			0.1180	0.1180		0.1180	0.0000	1,689.6343	1,689.6343	0.0324	0.0310	1,699.6749
NaturalGas Unmitigated	0.1707	1.5125	1.0133	9.3100e-003			0.1180	0.1180		0.1180	0.0000	1,689.6343	1,689.6343	0.0324	0.0310	1,699.6749

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.34659e+007	0.0726	0.6205	0.2640	3.9600e-003		0.0502	0.0502		0.0502	0.0502	0.0000	718.5906	718.5906	0.0138	0.0132	722.8609
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	1.51886e+006	8.1900e-003	0.0745	0.0625	4.5000e-004		5.6600e-003	5.6600e-003		5.6600e-003	5.6600e-003	0.0000	81.0523	81.0523	1.5500e-003	1.4900e-003	81.5340
General Light Industry	1.48215e+007	0.0799	0.7265	0.6103	4.3600e-003		0.0552	0.0552		0.0552	0.0552	0.0000	790.9314	790.9314	0.0152	0.0145	795.6315
General Light Industry	932542	5.0300e-003	0.0457	0.0384	2.7000e-004		3.4700e-003	3.4700e-003		3.4700e-003	3.4700e-003	0.0000	49.7640	49.7640	9.5000e-004	9.1000e-004	50.0597
Racquet Club	179025	9.7000e-004	8.7800e-003	7.3700e-003	5.0000e-005		6.7000e-004	6.7000e-004		6.7000e-004	6.7000e-004	0.0000	9.5535	9.5535	1.8000e-004	1.8000e-004	9.6102
Racquet Club	744745	4.0200e-003	0.0365	0.0307	2.2000e-004		2.7700e-003	2.7700e-003		2.7700e-003	2.7700e-003	0.0000	39.7424	39.7424	7.6000e-004	7.3000e-004	39.9786
<b>Total</b>		<b>0.1707</b>	<b>1.5125</b>	<b>1.0133</b>	<b>9.3100e-003</b>		<b>0.1180</b>	<b>0.1180</b>		<b>0.1180</b>	<b>0.1180</b>	<b>0.0000</b>	<b>1,689.6343</b>	<b>1,689.6343</b>	<b>0.0324</b>	<b>0.0310</b>	<b>1,699.6749</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.34659e+007	0.0726	0.6205	0.2640	3.9600e-003		0.0502	0.0502		0.0502	0.0502	0.0000	718.5906	718.5906	0.0138	0.0132	722.8609
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	1.51886e+006	8.1900e-003	0.0745	0.0625	4.5000e-004		5.6600e-003	5.6600e-003		5.6600e-003	5.6600e-003	0.0000	81.0523	81.0523	1.5500e-003	1.4900e-003	81.5340
General Light Industry	1.48215e+007	0.0799	0.7265	0.6103	4.3600e-003		0.0552	0.0552		0.0552	0.0552	0.0000	790.9314	790.9314	0.0152	0.0145	795.6315
General Light Industry	932542	5.0300e-003	0.0457	0.0384	2.7000e-004		3.4700e-003	3.4700e-003		3.4700e-003	3.4700e-003	0.0000	49.7640	49.7640	9.5000e-004	9.1000e-004	50.0597
Racquet Club	179025	9.7000e-004	8.7800e-003	7.3700e-003	5.0000e-005		6.7000e-004	6.7000e-004		6.7000e-004	6.7000e-004	0.0000	9.5535	9.5535	1.8000e-004	1.8000e-004	9.6102
Racquet Club	744745	4.0200e-003	0.0365	0.0307	2.2000e-004		2.7700e-003	2.7700e-003		2.7700e-003	2.7700e-003	0.0000	39.7424	39.7424	7.6000e-004	7.3000e-004	39.9786
<b>Total</b>		<b>0.1707</b>	<b>1.5125</b>	<b>1.0133</b>	<b>9.3100e-003</b>		<b>0.1180</b>	<b>0.1180</b>		<b>0.1180</b>	<b>0.1180</b>	<b>0.0000</b>	<b>1,689.6343</b>	<b>1,689.6343</b>	<b>0.0324</b>	<b>0.0310</b>	<b>1,699.6749</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	5.00209e+006	326.3827	0.0658	0.0136	332.0845
City Park	0	0.0000	0.0000	0.0000	0.0000
Elementary School	728789	47.5530	9.5900e-003	1.9800e-003	48.3837
General Light Industry	395448	25.8027	5.2000e-003	1.0800e-003	26.2535
General Light Industry	6.28512e+006	410.0993	0.0827	0.0171	417.2636
Racquet Club	315812	20.6065	4.1500e-003	8.6000e-004	20.9665
Racquet Club	75916.4	4.9535	1.0000e-003	2.1000e-004	5.0400
<b>Total</b>		<b>835.3977</b>	<b>0.1684</b>	<b>0.0349</b>	<b>849.9917</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

**5.3 Energy by Land Use - Electricity**

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	5.00209e+006	326.3827	0.0658	0.0136	332.0845
City Park	0	0.0000	0.0000	0.0000	0.0000
Elementary School	728789	47.5530	9.5900e-003	1.9800e-003	48.3837
General Light Industry	395448	25.8027	5.2000e-003	1.0800e-003	26.2535
General Light Industry	6.28512e+006	410.0993	0.0827	0.0171	417.2636
Racquet Club	315812	20.6065	4.1500e-003	8.6000e-004	20.9665
Racquet Club	75916.4	4.9535	1.0000e-003	2.1000e-004	5.0400
<b>Total</b>		<b>835.3977</b>	<b>0.1684</b>	<b>0.0349</b>	<b>849.9917</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	7.8814	0.1320	11.4456	6.1000e-004		0.0637	0.0637		0.0637	0.0637	0.0000	18.7647	18.7647	0.0179	0.0000	19.2119
Unmitigated	7.8814	0.1320	11.4456	6.1000e-004		0.0637	0.0637		0.0637	0.0637	0.0000	18.7647	18.7647	0.0179	0.0000	19.2119

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.9585					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	6.5803					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.3427	0.1320	11.4456	6.1000e-004		0.0637	0.0637		0.0637	0.0637	0.0000	18.7647	18.7647	0.0179	0.0000	19.2119
<b>Total</b>	<b>7.8814</b>	<b>0.1320</b>	<b>11.4456</b>	<b>6.1000e-004</b>		<b>0.0637</b>	<b>0.0637</b>		<b>0.0637</b>	<b>0.0637</b>	<b>0.0000</b>	<b>18.7647</b>	<b>18.7647</b>	<b>0.0179</b>	<b>0.0000</b>	<b>19.2119</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.9585					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	6.5803					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.3427	0.1320	11.4456	6.1000e-004		0.0637	0.0637		0.0637	0.0637	0.0000	18.7647	18.7647	0.0179	0.0000	19.2119
<b>Total</b>	<b>7.8814</b>	<b>0.1320</b>	<b>11.4456</b>	<b>6.1000e-004</b>		<b>0.0637</b>	<b>0.0637</b>		<b>0.0637</b>	<b>0.0637</b>	<b>0.0000</b>	<b>18.7647</b>	<b>18.7647</b>	<b>0.0179</b>	<b>0.0000</b>	<b>19.2119</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**



West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	150.7155	0.2352	0.1411	198.6513
Unmitigated	150.7155	0.2352	0.1411	198.6513

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	72.5164 / 45.7169	59.6728	0.0952	0.0572	79.1014
City Park	0 / 74.7059	17.0608	3.4400e-003	7.1000e-004	17.3588
Elementary School	2.88519 / 7.41907	3.6531	4.0400e-003	2.3300e-003	4.4485
General Light Industry	101.75 / 0	69.0794	0.1306	0.0797	96.0843
Racquet Club	1.52589 / 0.935225	1.2495	2.0000e-003	1.2000e-003	1.6582
<b>Total</b>		<b>150.7155</b>	<b>0.2352</b>	<b>0.1411</b>	<b>198.6513</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	72.5164 / 45.7169	59.6728	0.0952	0.0572	79.1014
City Park	0 / 74.7059	17.0608	3.4400e-003	7.1000e-004	17.3588
Elementary School	2.88519 / 7.41907	3.6531	4.0400e-003	2.3300e-003	4.4485
General Light Industry	101.75 / 0	69.0794	0.1306	0.0797	96.0843
Racquet Club	1.52589 / 0.935225	1.2495	2.0000e-003	1.2000e-003	1.6582
<b>Total</b>		<b>150.7155</b>	<b>0.2352</b>	<b>0.1411</b>	<b>198.6513</b>

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	271.8820	16.0678	0.0000	673.5762
Unmitigated	271.8820	16.0678	0.0000	673.5762

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	511.98	103.9273	6.1419	0.0000	257.4755
City Park	5.39	1.0941	0.0647	0.0000	2.7106
Elementary School	129.35	26.2569	1.5517	0.0000	65.0503
General Light Industry	545.6	110.7519	6.5453	0.0000	274.3831
Racquet Club	147.06	29.8519	1.7642	0.0000	73.9567
<b>Total</b>		<b>271.8820</b>	<b>16.0678</b>	<b>0.0000</b>	<b>673.5762</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

**8.2 Waste by Land Use**

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	511.98	103.9273	6.1419	0.0000	257.4755
City Park	5.39	1.0941	0.0647	0.0000	2.7106
Elementary School	129.35	26.2569	1.5517	0.0000	65.0503
General Light Industry	545.6	110.7519	6.5453	0.0000	274.3831
Racquet Club	147.06	29.8519	1.7642	0.0000	73.9567
<b>Total</b>		<b>271.8820</b>	<b>16.0678</b>	<b>0.0000</b>	<b>673.5762</b>

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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West Broadway AQ Existing Conditions Op. - Sacramento County, Annual

**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**West Broadway AQ Existing Conditions Op.  
Sacramento County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	99.50	1000sqft	2.28	99,500.00	0
General Light Industry	26.05	1000sqft	0.60	26,045.00	0
General Light Industry	413.95	1000sqft	9.50	413,950.00	0
City Park	62.70	Acre	62.70	2,731,212.00	0
Racquet Club	5.00	1000sqft	0.11	5,000.00	0
Racquet Club	20.80	1000sqft	0.48	20,800.00	0
Apartments Low Rise	1,113.00	Dwelling Unit	69.56	1,113,000.00	2972

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.5	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	6			<b>Operational Year</b>	2035
<b>Utility Company</b>	Sacramento Municipal Utility District				
<b>CO2 Intensity (lb/MW hr)</b>	143.85	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

## West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	26,050.00	26,045.00
tblProjectCharacteristics	CO2IntensityFactor	590.31	143.85
tblVehicleTrips	CW_TL	10.00	10.15
tblVehicleTrips	HW_TL	10.00	6.98

## 2.0 Emissions Summary

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### 2.1 Overall Construction (Maximum Daily Emission)

#### Unmitigated Construction

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	3.5837	35.8216	22.6016	0.0400	0.1141	1.7957	1.9098	0.0303	1.6704	1.7007	0.0000	3,939.6956	3,939.6956	1.0657	0.0000	3,966.3380
2020	4.5363	50.2433	32.6113	0.0636	18.2032	2.1984	20.4016	9.9670	2.0225	11.9895	0.0000	6,164.5679	6,164.5679	1.9470	0.0000	6,213.2420
2021	12.6987	88.1072	98.8720	0.3579	20.5943	1.9864	21.8467	5.5520	1.8275	6.7304	0.0000	36,539.9896	36,539.9896	2.0036	0.0000	36,590.0803
2022	11.7737	82.5774	92.1602	0.3503	20.5938	1.0773	21.6711	5.5519	1.0140	6.5658	0.0000	35,789.7650	35,789.7650	1.9273	0.0000	35,837.9477
2023	10.7098	71.3942	85.4915	0.3410	20.5933	0.8814	21.4747	5.5517	0.8284	6.3801	0.0000	34,867.1045	34,867.1045	1.7885	0.0000	34,911.8179
2024	10.0722	69.1047	80.5023	0.3339	20.5930	0.7890	21.3819	5.5516	0.7412	6.2927	0.0000	34,164.4236	34,164.4236	1.7398	0.0000	34,207.9185
2025	9.5035	66.8744	76.0077	0.3269	20.5926	0.6977	21.2904	5.5514	0.6553	6.2068	0.0000	33,471.3175	33,471.3175	1.6966	0.0000	33,513.7322
2026	9.0904	65.7084	72.2136	0.3206	20.5923	0.6912	21.2835	5.5513	0.6492	6.2005	0.0000	32,847.9632	32,847.9632	1.6617	0.0000	32,889.5059
2027	8.6923	64.6425	68.8093	0.3150	20.5920	0.6833	21.2753	5.5512	0.6418	6.1930	0.0000	32,286.5385	32,286.5385	1.6296	0.0000	32,327.2788
2028	8.2928	63.7231	65.8268	0.3100	20.5918	0.6744	21.2662	5.5511	0.6335	6.1846	0.0000	31,791.2729	31,791.2729	1.6007	0.0000	31,831.2910
2029	7.8662	62.8517	63.0210	0.3055	20.5916	0.6656	21.2572	5.5510	0.6253	6.1763	0.0000	31,351.0728	31,351.0728	1.5729	0.0000	31,390.3940
2030	7.3968	57.5074	60.5988	0.3056	20.5914	0.2779	20.8693	5.5510	0.2694	5.8204	0.0000	31,303.9707	31,303.9707	1.0621	0.0000	31,330.5234
2031	6.9702	56.7665	58.2648	0.3022	20.5912	0.2701	20.8613	5.5509	0.2622	5.8131	0.0000	30,965.4115	30,965.4115	1.0384	0.0000	30,991.3713
2032	6.5889	56.0880	56.2285	0.2993	20.5911	0.2632	20.8543	5.5509	0.2557	5.8066	0.0000	30,673.4761	30,673.4761	1.0177	0.0000	30,698.9176
2033	6.2754	55.4949	54.5099	0.2967	20.5910	0.3311	20.8480	5.5508	0.3310	5.8009	0.0000	30,421.4137	30,421.4137	1.0000	0.0000	30,446.4149
2034	87.9840	7.1299	16.0367	0.0288	3.3243	0.3310	3.3561	0.8818	0.3310	0.9127	0.0000	2,733.8046	2,733.8046	0.1255	0.0000	2,736.9410
2035	87.9251	1.0243	6.9926	0.0252	3.3243	0.0207	3.3449	0.8818	0.0198	0.9016	0.0000	2,501.2877	2,501.2877	0.0354	0.0000	2,502.1723
<b>Maximum</b>	<b>87.9840</b>	<b>88.1072</b>	<b>98.8720</b>	<b>0.3579</b>	<b>20.5943</b>	<b>2.1984</b>	<b>21.8467</b>	<b>9.9670</b>	<b>2.0225</b>	<b>11.9895</b>	<b>0.0000</b>	<b>36,539.9896</b>	<b>36,539.9896</b>	<b>2.0036</b>	<b>0.0000</b>	<b>36,590.0803</b>



West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

## **2.1 Overall Construction (Maximum Daily Emission)**

### **Mitigated Construction**

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	3.5837	35.8216	22.6016	0.0400	0.1141	1.7957	1.9098	0.0303	1.6704	1.7007	0.0000	3,939.6956	3,939.6956	1.0657	0.0000	3,966.3379
2020	4.5363	50.2433	32.6113	0.0636	18.2032	2.1984	20.4016	9.9670	2.0225	11.9895	0.0000	6,164.5679	6,164.5679	1.9470	0.0000	6,213.2420
2021	12.6987	88.1072	98.8720	0.3579	20.5943	1.9864	21.8467	5.5520	1.8275	6.7304	0.0000	36,539.9896	36,539.9896	2.0036	0.0000	36,590.0803
2022	11.7737	82.5774	92.1602	0.3503	20.5938	1.0773	21.6711	5.5519	1.0140	6.5658	0.0000	35,789.7650	35,789.7650	1.9273	0.0000	35,837.9477
2023	10.7098	71.3942	85.4915	0.3410	20.5933	0.8814	21.4747	5.5517	0.8284	6.3801	0.0000	34,867.1045	34,867.1045	1.7885	0.0000	34,911.8179
2024	10.0722	69.1047	80.5023	0.3339	20.5930	0.7890	21.3819	5.5516	0.7412	6.2927	0.0000	34,164.4236	34,164.4236	1.7398	0.0000	34,207.9185
2025	9.5035	66.8744	76.0077	0.3269	20.5926	0.6977	21.2904	5.5514	0.6553	6.2068	0.0000	33,471.3175	33,471.3175	1.6966	0.0000	33,513.7322
2026	9.0904	65.7084	72.2136	0.3206	20.5923	0.6912	21.2835	5.5513	0.6492	6.2005	0.0000	32,847.9632	32,847.9632	1.6617	0.0000	32,889.5059
2027	8.6923	64.6425	68.8093	0.3150	20.5920	0.6833	21.2753	5.5512	0.6418	6.1930	0.0000	32,286.5385	32,286.5385	1.6296	0.0000	32,327.2788
2028	8.2928	63.7231	65.8268	0.3100	20.5918	0.6744	21.2662	5.5511	0.6335	6.1846	0.0000	31,791.2729	31,791.2729	1.6007	0.0000	31,831.2910
2029	7.8662	62.8517	63.0210	0.3055	20.5916	0.6656	21.2572	5.5510	0.6253	6.1763	0.0000	31,351.0728	31,351.0728	1.5729	0.0000	31,390.3940
2030	7.3968	57.5074	60.5988	0.3056	20.5914	0.2779	20.8693	5.5510	0.2694	5.8204	0.0000	31,303.9707	31,303.9707	1.0621	0.0000	31,330.5234
2031	6.9702	56.7665	58.2648	0.3022	20.5912	0.2701	20.8613	5.5509	0.2622	5.8131	0.0000	30,965.4115	30,965.4115	1.0384	0.0000	30,991.3713
2032	6.5889	56.0880	56.2285	0.2993	20.5911	0.2632	20.8543	5.5509	0.2557	5.8066	0.0000	30,673.4761	30,673.4761	1.0177	0.0000	30,698.9176
2033	6.2754	55.4949	54.5099	0.2967	20.5910	0.3311	20.8480	5.5508	0.3310	5.8009	0.0000	30,421.4137	30,421.4137	1.0000	0.0000	30,446.4149
2034	87.9840	7.1299	16.0367	0.0288	3.3243	0.3310	3.3561	0.8818	0.3310	0.9127	0.0000	2,733.8046	2,733.8046	0.1255	0.0000	2,736.9410
2035	87.9251	1.0243	6.9926	0.0252	3.3243	0.0207	3.3449	0.8818	0.0198	0.9016	0.0000	2,501.2877	2,501.2877	0.0354	0.0000	2,502.1723
<b>Maximum</b>	<b>87.9840</b>	<b>88.1072</b>	<b>98.8720</b>	<b>0.3579</b>	<b>20.5943</b>	<b>2.1984</b>	<b>21.8467</b>	<b>9.9670</b>	<b>2.0225</b>	<b>11.9895</b>	<b>0.0000</b>	<b>36,539.9896</b>	<b>36,539.9896</b>	<b>2.0036</b>	<b>0.0000</b>	<b>36,590.0803</b>



West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	44.0497	1.0562	91.5649	4.8500e-003		0.5094	0.5094		0.5094	0.5094	0.0000	165.4762	165.4762	0.1578	0.0000	169.4198
Energy	0.9356	8.2881	5.5528	0.0510		0.6464	0.6464		0.6464	0.6464		10,206.0804	10,206.0804	0.1956	0.1871	10,266.7300
Mobile	14.3729	56.5858	137.0399	0.6057	67.5794	0.2907	67.8701	18.0427	0.2701	18.3128		61,733.0926	61,733.0926	2.1667		61,787.2597
<b>Total</b>	<b>59.3581</b>	<b>65.9301</b>	<b>234.1577</b>	<b>0.6616</b>	<b>67.5794</b>	<b>1.4466</b>	<b>69.0260</b>	<b>18.0427</b>	<b>1.4259</b>	<b>19.4686</b>	<b>0.0000</b>	<b>72,104.6491</b>	<b>72,104.6491</b>	<b>2.5201</b>	<b>0.1871</b>	<b>72,223.4095</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	44.0497	1.0562	91.5649	4.8500e-003		0.5094	0.5094		0.5094	0.5094	0.0000	165.4762	165.4762	0.1578	0.0000	169.4198
Energy	0.9356	8.2881	5.5528	0.0510		0.6464	0.6464		0.6464	0.6464		10,206.0804	10,206.0804	0.1956	0.1871	10,266.7300
Mobile	14.3729	56.5858	137.0399	0.6057	67.5794	0.2907	67.8701	18.0427	0.2701	18.3128		61,733.0926	61,733.0926	2.1667		61,787.2597
<b>Total</b>	<b>59.3581</b>	<b>65.9301</b>	<b>234.1577</b>	<b>0.6616</b>	<b>67.5794</b>	<b>1.4466</b>	<b>69.0260</b>	<b>18.0427</b>	<b>1.4259</b>	<b>19.4686</b>	<b>0.0000</b>	<b>72,104.6491</b>	<b>72,104.6491</b>	<b>2.5201</b>	<b>0.1871</b>	<b>72,223.4095</b>

## West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

### 3.0 Construction Detail

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/22/2019	4/24/2020	5	200	
2	Site Preparation	Site Preparation	4/25/2020	10/9/2020	5	120	
3	Grading	Grading	10/10/2020	12/17/2021	5	310	
4	Building Construction	Building Construction	12/18/2021	11/4/2033	5	3100	
5	Paving	Paving	11/5/2033	9/8/2034	5	220	
6	Architectural Coating	Architectural Coating	9/9/2034	7/13/2035	5	220	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 775

Acres of Paving: 0

Residential Indoor: 2,253,825; Residential Outdoor: 751,275; Non-Residential Indoor: 847,943; Non-Residential Outdoor: 282,648; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

## West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	2,186.00	659.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	437.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697		3,816.8994	3,816.8994	1.0618		3,843.4451
<b>Total</b>	<b>3.5134</b>	<b>35.7830</b>	<b>22.0600</b>	<b>0.0388</b>		<b>1.7949</b>	<b>1.7949</b>		<b>1.6697</b>	<b>1.6697</b>		<b>3,816.8994</b>	<b>3,816.8994</b>	<b>1.0618</b>		<b>3,843.4451</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.2 Demolition - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0703	0.0386	0.5416	1.2300e-003	0.1141	8.1000e-004	0.1149	0.0303	7.5000e-004	0.0310		122.7963	122.7963	3.8600e-003		122.8929
<b>Total</b>	<b>0.0703</b>	<b>0.0386</b>	<b>0.5416</b>	<b>1.2300e-003</b>	<b>0.1141</b>	<b>8.1000e-004</b>	<b>0.1149</b>	<b>0.0303</b>	<b>7.5000e-004</b>	<b>0.0310</b>		<b>122.7963</b>	<b>122.7963</b>	<b>3.8600e-003</b>		<b>122.8929</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451
<b>Total</b>	<b>3.5134</b>	<b>35.7830</b>	<b>22.0600</b>	<b>0.0388</b>		<b>1.7949</b>	<b>1.7949</b>		<b>1.6697</b>	<b>1.6697</b>	<b>0.0000</b>	<b>3,816.8994</b>	<b>3,816.8994</b>	<b>1.0618</b>		<b>3,843.4451</b>



West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.2 Demolition - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0703	0.0386	0.5416	1.2300e-003	0.1141	8.1000e-004	0.1149	0.0303	7.5000e-004	0.0310		122.7963	122.7963	3.8600e-003		122.8929
<b>Total</b>	<b>0.0703</b>	<b>0.0386</b>	<b>0.5416</b>	<b>1.2300e-003</b>	<b>0.1141</b>	<b>8.1000e-004</b>	<b>0.1149</b>	<b>0.0303</b>	<b>7.5000e-004</b>	<b>0.0310</b>		<b>122.7963</b>	<b>122.7963</b>	<b>3.8600e-003</b>		<b>122.8929</b>

**3.2 Demolition - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>		<b>1.6587</b>	<b>1.6587</b>		<b>1.5419</b>	<b>1.5419</b>		<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0343	0.4898	1.2000e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		119.0269	119.0269	3.4100e-003		119.1122
<b>Total</b>	<b>0.0647</b>	<b>0.0343</b>	<b>0.4898</b>	<b>1.2000e-003</b>	<b>0.1141</b>	<b>7.9000e-004</b>	<b>0.1149</b>	<b>0.0303</b>	<b>7.3000e-004</b>	<b>0.0310</b>		<b>119.0269</b>	<b>119.0269</b>	<b>3.4100e-003</b>		<b>119.1122</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>		<b>1.6587</b>	<b>1.6587</b>		<b>1.5419</b>	<b>1.5419</b>	<b>0.0000</b>	<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0343	0.4898	1.2000e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		119.0269	119.0269	3.4100e-003		119.1122
<b>Total</b>	<b>0.0647</b>	<b>0.0343</b>	<b>0.4898</b>	<b>1.2000e-003</b>	<b>0.1141</b>	<b>7.9000e-004</b>	<b>0.1149</b>	<b>0.0303</b>	<b>7.3000e-004</b>	<b>0.0310</b>		<b>119.0269</b>	<b>119.0269</b>	<b>3.4100e-003</b>		<b>119.1122</b>

**3.3 Site Preparation - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
<b>Total</b>	<b>4.0765</b>	<b>42.4173</b>	<b>21.5136</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.1974</b>	<b>20.2637</b>	<b>9.9307</b>	<b>2.0216</b>	<b>11.9523</b>		<b>3,685.1016</b>	<b>3,685.1016</b>	<b>1.1918</b>		<b>3,714.8975</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.3 Site Preparation - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0776	0.0412	0.5877	1.4400e-003	0.1369	9.5000e-004	0.1379	0.0363	8.8000e-004	0.0372		142.8323	142.8323	4.0900e-003		142.9346
<b>Total</b>	<b>0.0776</b>	<b>0.0412</b>	<b>0.5877</b>	<b>1.4400e-003</b>	<b>0.1369</b>	<b>9.5000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.8000e-004</b>	<b>0.0372</b>		<b>142.8323</b>	<b>142.8323</b>	<b>4.0900e-003</b>		<b>142.9346</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
<b>Total</b>	<b>4.0765</b>	<b>42.4173</b>	<b>21.5136</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.1974</b>	<b>20.2637</b>	<b>9.9307</b>	<b>2.0216</b>	<b>11.9523</b>	<b>0.0000</b>	<b>3,685.1016</b>	<b>3,685.1016</b>	<b>1.1918</b>		<b>3,714.8975</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.3 Site Preparation - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0776	0.0412	0.5877	1.4400e-003	0.1369	9.5000e-004	0.1379	0.0363	8.8000e-004	0.0372		142.8323	142.8323	4.0900e-003		142.9346
<b>Total</b>	<b>0.0776</b>	<b>0.0412</b>	<b>0.5877</b>	<b>1.4400e-003</b>	<b>0.1369</b>	<b>9.5000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.8000e-004</b>	<b>0.0372</b>		<b>142.8323</b>	<b>142.8323</b>	<b>4.0900e-003</b>		<b>142.9346</b>

**3.4 Grading - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
<b>Total</b>	<b>4.4501</b>	<b>50.1975</b>	<b>31.9583</b>	<b>0.0620</b>	<b>8.6733</b>	<b>2.1739</b>	<b>10.8472</b>	<b>3.5965</b>	<b>2.0000</b>	<b>5.5965</b>		<b>6,005.8653</b>	<b>6,005.8653</b>	<b>1.9424</b>		<b>6,054.4257</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.4 Grading - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0862	0.0458	0.6530	1.5900e-003	0.1521	1.0600e-003	0.1532	0.0404	9.7000e-004	0.0413		158.7026	158.7026	4.5500e-003		158.8163
<b>Total</b>	<b>0.0862</b>	<b>0.0458</b>	<b>0.6530</b>	<b>1.5900e-003</b>	<b>0.1521</b>	<b>1.0600e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.7000e-004</b>	<b>0.0413</b>		<b>158.7026</b>	<b>158.7026</b>	<b>4.5500e-003</b>		<b>158.8163</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257
<b>Total</b>	<b>4.4501</b>	<b>50.1975</b>	<b>31.9583</b>	<b>0.0620</b>	<b>8.6733</b>	<b>2.1739</b>	<b>10.8472</b>	<b>3.5965</b>	<b>2.0000</b>	<b>5.5965</b>	<b>0.0000</b>	<b>6,005.8653</b>	<b>6,005.8653</b>	<b>1.9424</b>		<b>6,054.4257</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.4 Grading - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0862	0.0458	0.6530	1.5900e-003	0.1521	1.0600e-003	0.1532	0.0404	9.7000e-004	0.0413		158.7026	158.7026	4.5500e-003		158.8163
<b>Total</b>	<b>0.0862</b>	<b>0.0458</b>	<b>0.6530</b>	<b>1.5900e-003</b>	<b>0.1521</b>	<b>1.0600e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.7000e-004</b>	<b>0.0413</b>		<b>158.7026</b>	<b>158.7026</b>	<b>4.5500e-003</b>		<b>158.8163</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>		<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0410	0.5983	1.5400e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		153.2958	153.2958	4.0800e-003		153.3978
<b>Total</b>	<b>0.0802</b>	<b>0.0410</b>	<b>0.5983</b>	<b>1.5400e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>153.2958</b>	<b>153.2958</b>	<b>4.0800e-003</b>		<b>153.3978</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>	<b>0.0000</b>	<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>



West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0410	0.5983	1.5400e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		153.2958	153.2958	4.0800e-003		153.3978
<b>Total</b>	<b>0.0802</b>	<b>0.0410</b>	<b>0.5983</b>	<b>1.5400e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>153.2958</b>	<b>153.2958</b>	<b>4.0800e-003</b>		<b>153.3978</b>

**3.5 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>		<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0365	66.1902	16.9017	0.1626	3.9654	0.1815	4.1469	1.1411	0.1736	1.3147		17,231.39 40	17,231.39 40	0.9418		17,254.93 80
Worker	8.7613	4.4849	65.3951	0.1683	16.6289	0.1122	16.7411	4.4110	0.1034	4.5144		16,755.23 17	16,755.23 17	0.4459		16,766.37 80
<b>Total</b>	<b>10.7978</b>	<b>70.6751</b>	<b>82.2968</b>	<b>0.3309</b>	<b>20.5943</b>	<b>0.2938</b>	<b>20.8880</b>	<b>5.5520</b>	<b>0.2771</b>	<b>5.8291</b>		<b>33,986.62 57</b>	<b>33,986.62 57</b>	<b>1.3876</b>		<b>34,021.31 60</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.363 9	2,553.363 9	0.6160		2,568.764 3
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>	<b>0.0000</b>	<b>2,553.363 9</b>	<b>2,553.363 9</b>	<b>0.6160</b>		<b>2,568.764 3</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0365	66.1902	16.9017	0.1626	3.9654	0.1815	4.1469	1.1411	0.1736	1.3147		17,231.39 40	17,231.39 40	0.9418		17,254.93 80
Worker	8.7613	4.4849	65.3951	0.1683	16.6289	0.1122	16.7411	4.4110	0.1034	4.5144		16,755.23 17	16,755.23 17	0.4459		16,766.37 80
<b>Total</b>	<b>10.7978</b>	<b>70.6751</b>	<b>82.2968</b>	<b>0.3309</b>	<b>20.5943</b>	<b>0.2938</b>	<b>20.8880</b>	<b>5.5520</b>	<b>0.2771</b>	<b>5.8291</b>		<b>33,986.62 57</b>	<b>33,986.62 57</b>	<b>1.3876</b>		<b>34,021.31 60</b>

**3.5 Building Construction - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.333 6	2,554.333 6	0.6120		2,569.632 2
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>		<b>2,554.333 6</b>	<b>2,554.333 6</b>	<b>0.6120</b>		<b>2,569.632 2</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.8896	62.9281	15.5727	0.1611	3.9649	0.1590	4.1239	1.1409	0.1521	1.2930		17,081.08 30	17,081.08 30	0.9146		17,103.94 80
Worker	8.1779	4.0337	60.2241	0.1622	16.6289	0.1093	16.7382	4.4110	0.1007	4.5117		16,154.34 84	16,154.34 84	0.4008		16,164.36 75
<b>Total</b>	<b>10.0675</b>	<b>66.9618</b>	<b>75.7968</b>	<b>0.3233</b>	<b>20.5938</b>	<b>0.2683</b>	<b>20.8621</b>	<b>5.5519</b>	<b>0.2528</b>	<b>5.8047</b>		<b>33,235.43 14</b>	<b>33,235.43 14</b>	<b>1.3154</b>		<b>33,268.31 55</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.333 6	2,554.333 6	0.6120		2,569.632 2
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>	<b>0.0000</b>	<b>2,554.333 6</b>	<b>2,554.333 6</b>	<b>0.6120</b>		<b>2,569.632 2</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.8896	62.9281	15.5727	0.1611	3.9649	0.1590	4.1239	1.1409	0.1521	1.2930		17,081.08 30	17,081.08 30	0.9146		17,103.94 80
Worker	8.1779	4.0337	60.2241	0.1622	16.6289	0.1093	16.7382	4.4110	0.1007	4.5117		16,154.34 84	16,154.34 84	0.4008		16,164.36 75
<b>Total</b>	<b>10.0675</b>	<b>66.9618</b>	<b>75.7968</b>	<b>0.3233</b>	<b>20.5938</b>	<b>0.2683</b>	<b>20.8621</b>	<b>5.5519</b>	<b>0.2528</b>	<b>5.8047</b>		<b>33,235.43 14</b>	<b>33,235.43 14</b>	<b>1.3154</b>		<b>33,268.31 55</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.209 9	2,555.209 9	0.6079		2,570.406 1
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.209 9</b>	<b>2,555.209 9</b>	<b>0.6079</b>		<b>2,570.406 1</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.4932	53.3784	13.8141	0.1580	3.9645	0.0750	4.0395	1.1407	0.0717	1.2124		16,764.8829	16,764.8829	0.8215		16,785.4191
Worker	7.6438	3.6309	55.4334	0.1561	16.6289	0.1067	16.7356	4.4110	0.0983	4.5092		15,547.0116	15,547.0116	0.3592		15,555.9927
<b>Total</b>	<b>9.1370</b>	<b>57.0093</b>	<b>69.2475</b>	<b>0.3141</b>	<b>20.5933</b>	<b>0.1817</b>	<b>20.7750</b>	<b>5.5517</b>	<b>0.1700</b>	<b>5.7217</b>		<b>32,311.8946</b>	<b>32,311.8946</b>	<b>1.1807</b>		<b>32,341.4119</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.4932	53.3784	13.8141	0.1580	3.9645	0.0750	4.0395	1.1407	0.0717	1.2124		16,764.88 29	16,764.88 29	0.8215		16,785.41 91
Worker	7.6438	3.6309	55.4334	0.1561	16.6289	0.1067	16.7356	4.4110	0.0983	4.5092		15,547.011 6	15,547.011 6	0.3592		15,555.99 27
<b>Total</b>	<b>9.1370</b>	<b>57.0093</b>	<b>69.2475</b>	<b>0.3141</b>	<b>20.5933</b>	<b>0.1817</b>	<b>20.7750</b>	<b>5.5517</b>	<b>0.1700</b>	<b>5.7217</b>		<b>32,311.89 46</b>	<b>32,311.89 46</b>	<b>1.1807</b>		<b>32,341.41 19</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.698 9	2,555.698 9	0.6044		2,570.807 7
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>		<b>2,555.698 9</b>	<b>2,555.698 9</b>	<b>0.6044</b>		<b>2,570.807 7</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.4228	52.3781	12.9120	0.1570	3.9641	0.0713	4.0354	1.1406	0.0682	1.2088		16,666.8677	16,666.8677	0.8114		16,687.1519
Worker	7.1778	3.2828	51.4235	0.1500	16.6289	0.1043	16.7332	4.4110	0.0961	4.5070		14,941.8570	14,941.8570	0.3241		14,949.9589
<b>Total</b>	<b>8.6006</b>	<b>55.6609</b>	<b>64.3355</b>	<b>0.3070</b>	<b>20.5930</b>	<b>0.1757</b>	<b>20.7686</b>	<b>5.5516</b>	<b>0.1643</b>	<b>5.7158</b>		<b>31,608.7247</b>	<b>31,608.7247</b>	<b>1.1355</b>		<b>31,637.1108</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>	<b>0.0000</b>	<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>



West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.4228	52.3781	12.9120	0.1570	3.9641	0.0713	4.0354	1.1406	0.0682	1.2088		16,666.8677	16,666.8677	0.8114		16,687.1519
Worker	7.1778	3.2828	51.4235	0.1500	16.6289	0.1043	16.7332	4.4110	0.0961	4.5070		14,941.8570	14,941.8570	0.3241		14,949.9589
<b>Total</b>	<b>8.6006</b>	<b>55.6609</b>	<b>64.3355</b>	<b>0.3070</b>	<b>20.5930</b>	<b>0.1757</b>	<b>20.7686</b>	<b>5.5516</b>	<b>0.1643</b>	<b>5.7158</b>		<b>31,608.7247</b>	<b>31,608.7247</b>	<b>1.1355</b>		<b>31,637.1108</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3646	51.4230	12.2261	0.1560	3.9637	0.0678	4.0315	1.1405	0.0648	1.2053		16,571.9911	16,571.9911	0.8018		16,592.0369
Worker	6.7715	2.9818	47.6969	0.1439	16.6289	0.1024	16.7313	4.4110	0.0943	4.5052		14,342.8521	14,342.8521	0.2938		14,350.1972
<b>Total</b>	<b>8.1361</b>	<b>54.4047</b>	<b>59.9230</b>	<b>0.3000</b>	<b>20.5926</b>	<b>0.1702</b>	<b>20.7628</b>	<b>5.5514</b>	<b>0.1591</b>	<b>5.7105</b>		<b>30,914.8432</b>	<b>30,914.8432</b>	<b>1.0956</b>		<b>30,942.2341</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3646	51.4230	12.2261	0.1560	3.9637	0.0678	4.0315	1.1405	0.0648	1.2053		16,571.9911	16,571.9911	0.8018		16,592.0369
Worker	6.7715	2.9818	47.6969	0.1439	16.6289	0.1024	16.7313	4.4110	0.0943	4.5052		14,342.8521	14,342.8521	0.2938		14,350.1972
<b>Total</b>	<b>8.1361</b>	<b>54.4047</b>	<b>59.9230</b>	<b>0.3000</b>	<b>20.5926</b>	<b>0.1702</b>	<b>20.7628</b>	<b>5.5514</b>	<b>0.1591</b>	<b>5.7105</b>		<b>30,914.8432</b>	<b>30,914.8432</b>	<b>1.0956</b>		<b>30,942.2341</b>

**3.5 Building Construction - 2026**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3132	50.5141	11.6696	0.1551	3.9634	0.0643	4.0277	1.1403	0.0614	1.2018		16,481.77 48	16,481.77 48	0.7932		16,501.60 42
Worker	6.4097	2.7246	44.4594	0.1386	16.6289	0.0994	16.7283	4.4110	0.0915	4.5024		13,809.71 41	13,809.71 41	0.2676		13,816.40 37
<b>Total</b>	<b>7.7230</b>	<b>53.2388</b>	<b>56.1289</b>	<b>0.2937</b>	<b>20.5923</b>	<b>0.1636</b>	<b>20.7559</b>	<b>5.5513</b>	<b>0.1529</b>	<b>5.7042</b>		<b>30,291.48 89</b>	<b>30,291.48 89</b>	<b>1.0608</b>		<b>30,318.00 79</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3132	50.5141	11.6696	0.1551	3.9634	0.0643	4.0277	1.1403	0.0614	1.2018		16,481.77 48	16,481.77 48	0.7932		16,501.60 42
Worker	6.4097	2.7246	44.4594	0.1386	16.6289	0.0994	16.7283	4.4110	0.0915	4.5024		13,809.71 41	13,809.71 41	0.2676		13,816.40 37
<b>Total</b>	<b>7.7230</b>	<b>53.2388</b>	<b>56.1289</b>	<b>0.2937</b>	<b>20.5923</b>	<b>0.1636</b>	<b>20.7559</b>	<b>5.5513</b>	<b>0.1529</b>	<b>5.7042</b>		<b>30,291.48 89</b>	<b>30,291.48 89</b>	<b>1.0608</b>		<b>30,318.00 79</b>

**3.5 Building Construction - 2027**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2027**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2681	49.6791	11.1860	0.1543	3.9631	0.0613	4.0244	1.1402	0.0586	1.1988		16,396.9695	16,396.9695	0.7847		16,416.5879
Worker	6.0569	2.4938	41.5387	0.1337	16.6289	0.0945	16.7234	4.4110	0.0870	4.4979		13,333.0947	13,333.0947	0.2439		13,339.1928
<b>Total</b>	<b>7.3249</b>	<b>52.1728</b>	<b>52.7247</b>	<b>0.2880</b>	<b>20.5920</b>	<b>0.1557</b>	<b>20.7478</b>	<b>5.5512</b>	<b>0.1455</b>	<b>5.6967</b>		<b>29,730.0642</b>	<b>29,730.0642</b>	<b>1.0287</b>		<b>29,755.7807</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2027**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2681	49.6791	11.1860	0.1543	3.9631	0.0613	4.0244	1.1402	0.0586	1.1988		16,396.9695	16,396.9695	0.7847		16,416.5879
Worker	6.0569	2.4938	41.5387	0.1337	16.6289	0.0945	16.7234	4.4110	0.0870	4.4979		13,333.0947	13,333.0947	0.2439		13,339.1928
<b>Total</b>	<b>7.3249</b>	<b>52.1728</b>	<b>52.7247</b>	<b>0.2880</b>	<b>20.5920</b>	<b>0.1557</b>	<b>20.7478</b>	<b>5.5512</b>	<b>0.1455</b>	<b>5.6967</b>		<b>29,730.0642</b>	<b>29,730.0642</b>	<b>1.0287</b>		<b>29,755.7807</b>

**3.5 Building Construction - 2028**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2028**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2282	48.9646	10.7789	0.1535	3.9629	0.0586	4.0215	1.1402	0.0561	1.1962		16,324.41 28	16,324.41 28	0.7762		16,343.81 83
Worker	5.6971	2.2889	38.9632	0.1295	16.6289	0.0882	16.7171	4.4110	0.0812	4.4921		12,910.38 58	12,910.38 58	0.2236		12,915.97 47
<b>Total</b>	<b>6.9254</b>	<b>51.2534</b>	<b>49.7421</b>	<b>0.2830</b>	<b>20.5918</b>	<b>0.1468</b>	<b>20.7386</b>	<b>5.5511</b>	<b>0.1372</b>	<b>5.6883</b>		<b>29,234.79 86</b>	<b>29,234.79 86</b>	<b>0.9998</b>		<b>29,259.79 30</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>



West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2028**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2282	48.9646	10.7789	0.1535	3.9629	0.0586	4.0215	1.1402	0.0561	1.1962		16,324.4128	16,324.4128	0.7762		16,343.8183
Worker	5.6971	2.2889	38.9632	0.1295	16.6289	0.0882	16.7171	4.4110	0.0812	4.4921		12,910.3858	12,910.3858	0.2236		12,915.9747
<b>Total</b>	<b>6.9254</b>	<b>51.2534</b>	<b>49.7421</b>	<b>0.2830</b>	<b>20.5918</b>	<b>0.1468</b>	<b>20.7386</b>	<b>5.5511</b>	<b>0.1372</b>	<b>5.6883</b>		<b>29,234.7986</b>	<b>29,234.7986</b>	<b>0.9998</b>		<b>29,259.7930</b>

**3.5 Building Construction - 2029**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2029**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1923	48.2840	10.4395	0.1529	3.9627	0.0559	4.0186	1.1401	0.0535	1.1935		16,258.3779	16,258.3779	0.7677		16,277.5713
Worker	5.3065	2.0980	36.4968	0.1257	16.6289	0.0821	16.7110	4.4110	0.0756	4.4865		12,536.2206	12,536.2206	0.2042		12,541.3247
<b>Total</b>	<b>6.4988</b>	<b>50.3820</b>	<b>46.9363</b>	<b>0.2786</b>	<b>20.5916</b>	<b>0.1381</b>	<b>20.7296</b>	<b>5.5510</b>	<b>0.1291</b>	<b>5.6801</b>		<b>28,794.5985</b>	<b>28,794.5985</b>	<b>0.9719</b>		<b>28,818.8960</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2029**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1923	48.2840	10.4395	0.1529	3.9627	0.0559	4.0186	1.1401	0.0535	1.1935		16,258.3779	16,258.3779	0.7677		16,277.5713
Worker	5.3065	2.0980	36.4968	0.1257	16.6289	0.0821	16.7110	4.4110	0.0756	4.4865		12,536.2206	12,536.2206	0.2042		12,541.3247
<b>Total</b>	<b>6.4988</b>	<b>50.3820</b>	<b>46.9363</b>	<b>0.2786</b>	<b>20.5916</b>	<b>0.1381</b>	<b>20.7296</b>	<b>5.5510</b>	<b>0.1291</b>	<b>5.6801</b>		<b>28,794.5985</b>	<b>28,794.5985</b>	<b>0.9719</b>		<b>28,818.8960</b>

**3.5 Building Construction - 2030**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2030**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1599	47.6469	10.1609	0.1523	3.9625	0.0532	4.0157	1.1400	0.0509	1.1909		16,199.5353	16,199.5353	0.7589		16,218.5087
Worker	4.9278	1.9259	34.2809	0.1224	16.6289	0.0765	16.7054	4.4110	0.0704	4.4814		12,206.8886	12,206.8886	0.1869		12,211.5619
<b>Total</b>	<b>6.0876</b>	<b>49.5728</b>	<b>44.4418</b>	<b>0.2747</b>	<b>20.5914</b>	<b>0.1297</b>	<b>20.7211</b>	<b>5.5510</b>	<b>0.1213</b>	<b>5.6722</b>		<b>28,406.4240</b>	<b>28,406.4240</b>	<b>0.9459</b>		<b>28,430.0705</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2030**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1599	47.6469	10.1609	0.1523	3.9625	0.0532	4.0157	1.1400	0.0509	1.1909		16,199.5353	16,199.5353	0.7589		16,218.5087
Worker	4.9278	1.9259	34.2809	0.1224	16.6289	0.0765	16.7054	4.4110	0.0704	4.4814		12,206.8886	12,206.8886	0.1869		12,211.5619
<b>Total</b>	<b>6.0876</b>	<b>49.5728</b>	<b>44.4418</b>	<b>0.2747</b>	<b>20.5914</b>	<b>0.1297</b>	<b>20.7211</b>	<b>5.5510</b>	<b>0.1213</b>	<b>5.6722</b>		<b>28,406.4240</b>	<b>28,406.4240</b>	<b>0.9459</b>		<b>28,430.0705</b>

**3.5 Building Construction - 2031**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2031**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1325	47.0683	9.9332	0.1518	3.9624	0.0508	4.0132	1.1399	0.0486	1.1885		16,149.5783	16,149.5783	0.7513		16,168.3616
Worker	4.5286	1.7636	32.1746	0.1195	16.6289	0.0712	16.7001	4.4110	0.0655	4.4764		11,918.2864	11,918.2864	0.1708		11,922.5558
<b>Total</b>	<b>5.6611</b>	<b>48.8319</b>	<b>42.1078</b>	<b>0.2712</b>	<b>20.5912</b>	<b>0.1220</b>	<b>20.7132</b>	<b>5.5509</b>	<b>0.1140</b>	<b>5.6649</b>		<b>28,067.8648</b>	<b>28,067.8648</b>	<b>0.9221</b>		<b>28,090.9184</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2031**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1325	47.0683	9.9332	0.1518	3.9624	0.0508	4.0132	1.1399	0.0486	1.1885		16,149.5783	16,149.5783	0.7513		16,168.3616
Worker	4.5286	1.7636	32.1746	0.1195	16.6289	0.0712	16.7001	4.4110	0.0655	4.4764		11,918.2864	11,918.2864	0.1708		11,922.5568
<b>Total</b>	<b>5.6611</b>	<b>48.8319</b>	<b>42.1078</b>	<b>0.2712</b>	<b>20.5912</b>	<b>0.1220</b>	<b>20.7132</b>	<b>5.5509</b>	<b>0.1140</b>	<b>5.6649</b>		<b>28,067.8648</b>	<b>28,067.8648</b>	<b>0.9221</b>		<b>28,090.9184</b>

**3.5 Building Construction - 2032**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2032**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1096	46.5299	9.7531	0.1514	3.9622	0.0488	4.0111	1.1399	0.0467	1.1866		16,108.8487	16,108.8487	0.7446		16,127.4644
Worker	4.1701	1.6235	30.3185	0.1169	16.6289	0.0662	16.6951	4.4110	0.0609	4.4719		11,667.0807	11,667.0807	0.1568		11,671.0003
<b>Total</b>	<b>5.2797</b>	<b>48.1534</b>	<b>40.0716</b>	<b>0.2683</b>	<b>20.5911</b>	<b>0.1150</b>	<b>20.7061</b>	<b>5.5509</b>	<b>0.1076</b>	<b>5.6585</b>		<b>27,775.9293</b>	<b>27,775.9293</b>	<b>0.9014</b>		<b>27,798.4648</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>



West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2032**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1096	46.5299	9.7531	0.1514	3.9622	0.0488	4.0111	1.1399	0.0467	1.1866		16,108.8487	16,108.8487	0.7446		16,127.4644
Worker	4.1701	1.6235	30.3185	0.1169	16.6289	0.0662	16.6951	4.4110	0.0609	4.4719		11,667.0807	11,667.0807	0.1568		11,671.0003
<b>Total</b>	<b>5.2797</b>	<b>48.1534</b>	<b>40.0716</b>	<b>0.2683</b>	<b>20.5911</b>	<b>0.1150</b>	<b>20.7061</b>	<b>5.5509</b>	<b>0.1076</b>	<b>5.6585</b>		<b>27,775.9293</b>	<b>27,775.9293</b>	<b>0.9014</b>		<b>27,798.4648</b>

**3.5 Building Construction - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.0903	46.0517	9.6002	0.1510	3.9621	0.0472	4.0093	1.1399	0.0451	1.1849		16,073.3694	16,073.3694	0.7387		16,091.8369
Worker	3.8760	1.5086	28.7527	0.1147	16.6289	0.0618	16.6906	4.4110	0.0568	4.4678		11,450.4976	11,450.4976	0.1451		11,454.1252
<b>Total</b>	<b>4.9663</b>	<b>47.5603</b>	<b>38.3529</b>	<b>0.2658</b>	<b>20.5910</b>	<b>0.1089</b>	<b>20.6999</b>	<b>5.5508</b>	<b>0.1019</b>	<b>5.6527</b>		<b>27,523.8670</b>	<b>27,523.8670</b>	<b>0.8838</b>		<b>27,545.9621</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.5 Building Construction - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.0903	46.0517	9.6002	0.1510	3.9621	0.0472	4.0093	1.1399	0.0451	1.1849		16,073.3694	16,073.3694	0.7387		16,091.8369
Worker	3.8760	1.5086	28.7527	0.1147	16.6289	0.0618	16.6906	4.4110	0.0568	4.4678		11,450.4976	11,450.4976	0.1451		11,454.1252
<b>Total</b>	<b>4.9663</b>	<b>47.5603</b>	<b>38.3529</b>	<b>0.2658</b>	<b>20.5910</b>	<b>0.1089</b>	<b>20.6999</b>	<b>5.5508</b>	<b>0.1019</b>	<b>5.6527</b>		<b>27,523.8670</b>	<b>27,523.8670</b>	<b>0.8838</b>		<b>27,545.9621</b>

**3.6 Paving - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3845</b>	<b>7.1202</b>	<b>15.8495</b>	<b>0.0281</b>		<b>0.3306</b>	<b>0.3306</b>		<b>0.3306</b>	<b>0.3306</b>		<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.1245</b>		<b>2,659.6302</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.6 Paving - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0266	0.0104	0.1973	7.9000e-004	0.1141	4.2000e-004	0.1145	0.0303	3.9000e-004	0.0307		78.5716	78.5716	1.0000e-003		78.5965
<b>Total</b>	<b>0.0266</b>	<b>0.0104</b>	<b>0.1973</b>	<b>7.9000e-004</b>	<b>0.1141</b>	<b>4.2000e-004</b>	<b>0.1145</b>	<b>0.0303</b>	<b>3.9000e-004</b>	<b>0.0307</b>		<b>78.5716</b>	<b>78.5716</b>	<b>1.0000e-003</b>		<b>78.5965</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3845</b>	<b>7.1202</b>	<b>15.8495</b>	<b>0.0281</b>		<b>0.3306</b>	<b>0.3306</b>		<b>0.3306</b>	<b>0.3306</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.1245</b>		<b>2,659.6302</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.6 Paving - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0266	0.0104	0.1973	7.9000e-004	0.1141	4.2000e-004	0.1145	0.0303	3.9000e-004	0.0307		78.5716	78.5716	1.0000e-003		78.5965
<b>Total</b>	<b>0.0266</b>	<b>0.0104</b>	<b>0.1973</b>	<b>7.9000e-004</b>	<b>0.1141</b>	<b>4.2000e-004</b>	<b>0.1145</b>	<b>0.0303</b>	<b>3.9000e-004</b>	<b>0.0307</b>		<b>78.5716</b>	<b>78.5716</b>	<b>1.0000e-003</b>		<b>78.5965</b>

**3.6 Paving - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3845</b>	<b>7.1202</b>	<b>15.8495</b>	<b>0.0281</b>		<b>0.3306</b>	<b>0.3306</b>		<b>0.3306</b>	<b>0.3306</b>		<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.1245</b>		<b>2,659.6302</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.6 Paving - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0248	9.6800e-003	0.1871	7.7000e-004	0.1141	4.0000e-004	0.1145	0.0303	3.6000e-004	0.0306		77.2878	77.2878	9.2000e-004		77.3109
<b>Total</b>	<b>0.0248</b>	<b>9.6800e-003</b>	<b>0.1871</b>	<b>7.7000e-004</b>	<b>0.1141</b>	<b>4.0000e-004</b>	<b>0.1145</b>	<b>0.0303</b>	<b>3.6000e-004</b>	<b>0.0306</b>		<b>77.2878</b>	<b>77.2878</b>	<b>9.2000e-004</b>		<b>77.3109</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3845</b>	<b>7.1202</b>	<b>15.8495</b>	<b>0.0281</b>		<b>0.3306</b>	<b>0.3306</b>		<b>0.3306</b>	<b>0.3306</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.1245</b>		<b>2,659.6302</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.6 Paving - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0248	9.6800e-003	0.1871	7.7000e-004	0.1141	4.0000e-004	0.1145	0.0303	3.6000e-004	0.0306		77.2878	77.2878	9.2000e-004		77.3109
<b>Total</b>	<b>0.0248</b>	<b>9.6800e-003</b>	<b>0.1871</b>	<b>7.7000e-004</b>	<b>0.1141</b>	<b>4.0000e-004</b>	<b>0.1145</b>	<b>0.0303</b>	<b>3.6000e-004</b>	<b>0.0306</b>		<b>77.2878</b>	<b>77.2878</b>	<b>9.2000e-004</b>		<b>77.3109</b>

**3.7 Architectural Coating - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	87.1315					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>87.2622</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.7 Architectural Coating - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7217	0.2820	5.4518	0.0226	3.3243	0.0115	3.3358	0.8818	0.0106	0.8924		2,251.6524	2,251.6524	0.0268		2,252.3231
<b>Total</b>	<b>0.7217</b>	<b>0.2820</b>	<b>5.4518</b>	<b>0.0226</b>	<b>3.3243</b>	<b>0.0115</b>	<b>3.3358</b>	<b>0.8818</b>	<b>0.0106</b>	<b>0.8924</b>		<b>2,251.6524</b>	<b>2,251.6524</b>	<b>0.0268</b>		<b>2,252.3231</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	87.1315					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>87.2622</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>



West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.7 Architectural Coating - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.7217	0.2820	5.4518	0.0226	3.3243	0.0115	3.3358	0.8818	0.0106	0.8924		2,251.6524	2,251.6524	0.0268		2,252.3231
<b>Total</b>	<b>0.7217</b>	<b>0.2820</b>	<b>5.4518</b>	<b>0.0226</b>	<b>3.3243</b>	<b>0.0115</b>	<b>3.3358</b>	<b>0.8818</b>	<b>0.0106</b>	<b>0.8924</b>		<b>2,251.6524</b>	<b>2,251.6524</b>	<b>0.0268</b>		<b>2,252.3231</b>

**3.7 Architectural Coating - 2035**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	87.1315					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
<b>Total</b>	<b>87.2494</b>	<b>0.7577</b>	<b>1.7943</b>	<b>2.9700e-003</b>		<b>9.9000e-003</b>	<b>9.9000e-003</b>		<b>9.9000e-003</b>	<b>9.9000e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0104</b>		<b>281.7081</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.7 Architectural Coating - 2035**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6757	0.2666	5.1983	0.0222	3.3243	0.0108	3.3350	0.8818	9.9100e-003	0.8917		2,219.8397	2,219.8397	0.0250		2,220.4643
<b>Total</b>	<b>0.6757</b>	<b>0.2666</b>	<b>5.1983</b>	<b>0.0222</b>	<b>3.3243</b>	<b>0.0108</b>	<b>3.3350</b>	<b>0.8818</b>	<b>9.9100e-003</b>	<b>0.8917</b>		<b>2,219.8397</b>	<b>2,219.8397</b>	<b>0.0250</b>		<b>2,220.4643</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	87.1315					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
<b>Total</b>	<b>87.2494</b>	<b>0.7577</b>	<b>1.7943</b>	<b>2.9700e-003</b>		<b>9.9000e-003</b>	<b>9.9000e-003</b>		<b>9.9000e-003</b>	<b>9.9000e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0104</b>		<b>281.7081</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**3.7 Architectural Coating - 2035**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6757	0.2666	5.1983	0.0222	3.3243	0.0108	3.3350	0.8818	9.9100e-003	0.8917		2,219.8397	2,219.8397	0.0250		2,220.4643
<b>Total</b>	<b>0.6757</b>	<b>0.2666</b>	<b>5.1983</b>	<b>0.0222</b>	<b>3.3243</b>	<b>0.0108</b>	<b>3.3350</b>	<b>0.8818</b>	<b>9.9100e-003</b>	<b>0.8917</b>		<b>2,219.8397</b>	<b>2,219.8397</b>	<b>0.0250</b>		<b>2,220.4643</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	14.3729	56.5858	137.0399	0.6057	67.5794	0.2907	67.8701	18.0427	0.2701	18.3128		61,733.09 26	61,733.09 26	2.1667		61,787.25 97
Unmitigated	14.3729	56.5858	137.0399	0.6057	67.5794	0.2907	67.8701	18.0427	0.2701	18.3128		61,733.09 26	61,733.09 26	2.1667		61,787.25 97

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	7,334.67	7,969.08	6755.91	15,510,917	15,510,917
City Park	118.50	1,426.43	1049.60	814,524	814,524
Elementary School	1,535.29	0.00	0.00	2,306,054	2,306,054
General Light Industry	181.57	34.39	17.71	379,280	379,280
General Light Industry	2,885.23	546.41	281.49	6,026,986	6,026,986
Racquet Club	70.15	106.75	87.00	102,710	102,710
Racquet Club	291.82	444.08	361.92	427,275	427,275
<b>Total</b>	<b>12,417.23</b>	<b>10,527.14</b>	<b>8,553.63</b>	<b>25,567,746</b>	<b>25,567,746</b>

4.3 Trip Type Information

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	6.98	5.00	6.50	46.50	12.50	41.00	86	11	3
City Park	10.15	5.00	6.50	33.00	48.00	19.00	66	28	6
Elementary School	10.00	5.00	6.50	65.00	30.00	5.00	63	25	12
General Light Industry	10.00	5.00	6.50	59.00	28.00	13.00	92	5	3
General Light Industry	10.00	5.00	6.50	59.00	28.00	13.00	92	5	3
Racquet Club	10.00	5.00	6.50	11.50	69.50	19.00	52	39	9
Racquet Club	10.00	5.00	6.50	11.50	69.50	19.00	52	39	9

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
City Park	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Elementary School	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
General Light Industry	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Racquet Club	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.9356	8.2881	5.5528	0.0510		0.6464	0.6464		0.6464	0.6464		10,206.0804	10,206.0804	0.1956	0.1871	10,266.7300
NaturalGas Unmitigated	0.9356	8.2881	5.5528	0.0510		0.6464	0.6464		0.6464	0.6464		10,206.0804	10,206.0804	0.1956	0.1871	10,266.7300

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	36892.8	0.3979	3.3999	1.4468	0.0217		0.2749	0.2749		0.2749	0.2749		4,340.3305	4,340.3305	0.0832	0.0796	4,366.1229
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	4159.92	0.0449	0.4078	0.3426	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.4021	489.4021	9.3800e-003	8.9700e-003	492.3104
General Light Industry	2555.26	0.0276	0.2505	0.2104	1.5000e-003		0.0190	0.0190		0.0190	0.0190		300.6193	300.6193	5.7600e-003	5.5100e-003	302.4058
General Light Industry	40612.5	0.4380	3.9816	3.3446	0.0239		0.3026	0.3026		0.3026	0.3026		4,777.9370	4,777.9370	0.0916	0.0876	4,806.3299
Racquet Club	2040.68	0.0220	0.2001	0.1681	1.2000e-003		0.0152	0.0152		0.0152	0.0152		240.0799	240.0799	4.6000e-003	4.4000e-003	241.5066
Racquet Club	490.548	5.2900e-003	0.0481	0.0404	2.9000e-004		3.6600e-003	3.6600e-003		3.6600e-003	3.6600e-003		57.7115	57.7115	1.1100e-003	1.0600e-003	58.0545
<b>Total</b>		<b>0.9356</b>	<b>8.2881</b>	<b>5.5528</b>	<b>0.0510</b>		<b>0.6464</b>	<b>0.6464</b>		<b>0.6464</b>	<b>0.6464</b>		<b>10,206.0804</b>	<b>10,206.0804</b>	<b>0.1956</b>	<b>0.1871</b>	<b>10,266.7300</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	36.8928	0.3979	3.3999	1.4468	0.0217		0.2749	0.2749		0.2749	0.2749		4,340.3305	4,340.3305	0.0832	0.0796	4,366.1229
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	4.15992	0.0449	0.4078	0.3426	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.4021	489.4021	9.3800e-003	8.9700e-003	492.3104
General Light Industry	2.55526	0.0276	0.2505	0.2104	1.5000e-003		0.0190	0.0190		0.0190	0.0190		300.6193	300.6193	5.7600e-003	5.5100e-003	302.4058
General Light Industry	40.6125	0.4380	3.9816	3.3446	0.0239		0.3026	0.3026		0.3026	0.3026		4,777.9370	4,777.9370	0.0916	0.0876	4,806.3299
Racquet Club	0.490548	5.2900e-003	0.0481	0.0404	2.9000e-004		3.6600e-003	3.6600e-003		3.6600e-003	3.6600e-003		57.7115	57.7115	1.1100e-003	1.0600e-003	58.0545
Racquet Club	2.04068	0.0220	0.2001	0.1681	1.2000e-003		0.0152	0.0152		0.0152	0.0152		240.0799	240.0799	4.6000e-003	4.4000e-003	241.5066
<b>Total</b>		<b>0.9356</b>	<b>8.2881</b>	<b>5.5528</b>	<b>0.0510</b>		<b>0.6464</b>	<b>0.6464</b>		<b>0.6464</b>	<b>0.6464</b>		<b>10,206.0804</b>	<b>10,206.0804</b>	<b>0.1956</b>	<b>0.1871</b>	<b>10,266.7300</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**



West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	44.0497	1.0562	91.5649	4.8500e-003		0.5094	0.5094		0.5094	0.5094	0.0000	165.4762	165.4762	0.1578	0.0000	169.4198
Unmitigated	44.0497	1.0562	91.5649	4.8500e-003		0.5094	0.5094		0.5094	0.5094	0.0000	165.4762	165.4762	0.1578	0.0000	169.4198

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	5.2518					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	36.0562					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.7417	1.0562	91.5649	4.8500e-003		0.5094	0.5094		0.5094	0.5094		165.4762	165.4762	0.1578		169.4198
<b>Total</b>	<b>44.0497</b>	<b>1.0562</b>	<b>91.5649</b>	<b>4.8500e-003</b>		<b>0.5094</b>	<b>0.5094</b>		<b>0.5094</b>	<b>0.5094</b>	<b>0.0000</b>	<b>165.4762</b>	<b>165.4762</b>	<b>0.1578</b>	<b>0.0000</b>	<b>169.4198</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	5.2518					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	36.0562					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.7417	1.0562	91.5649	4.8500e-003		0.5094	0.5094		0.5094	0.5094		165.4762	165.4762	0.1578		169.4198
<b>Total</b>	<b>44.0497</b>	<b>1.0562</b>	<b>91.5649</b>	<b>4.8500e-003</b>		<b>0.5094</b>	<b>0.5094</b>		<b>0.5094</b>	<b>0.5094</b>	<b>0.0000</b>	<b>165.4762</b>	<b>165.4762</b>	<b>0.1578</b>	<b>0.0000</b>	<b>169.4198</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

West Broadway AQ Existing Conditions Op. - Sacramento County, Summer

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**West Broadway AQ Existing Conditions Op.  
Sacramento County, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	99.50	1000sqft	2.28	99,500.00	0
General Light Industry	26.05	1000sqft	0.60	26,045.00	0
General Light Industry	413.95	1000sqft	9.50	413,950.00	0
City Park	62.70	Acre	62.70	2,731,212.00	0
Racquet Club	5.00	1000sqft	0.11	5,000.00	0
Racquet Club	20.80	1000sqft	0.48	20,800.00	0
Apartments Low Rise	1,113.00	Dwelling Unit	69.56	1,113,000.00	2972

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.5	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	6			<b>Operational Year</b>	2035
<b>Utility Company</b>	Sacramento Municipal Utility District				
<b>CO2 Intensity (lb/MW hr)</b>	143.85	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

Project Characteristics - Baseline CO2 intensity factor (SMUD 2017 emissions rate) from Climate Registry 2019 Default Emissions: Future 2035 year, SMUD assumed to meet RPS target of 60% RPS by 2030 and 70% RPS by 2035

(<https://www.theclimateregistry.org/wp-content/uploads/2019/05/The-Climate-Registry-2019-Default-Emission-Factor-Document.pdf>)

Land Use - Based on existing conditions land uses in Project Description (Table 2.2)

Construction Phase - Based on existing land uses in Project Description (Table 2.2)

Vehicle Trips - Adjusted to match Existing Conditions VMT of Specific Plan Area in Transportation Section of the WBSP EIR

Energy Use -

Table Name	Column Name	Default Value	New Value
tblEnergyUse	NT24E	3,172.76	3,172.76
tblEnergyUse	T24E	511.12	511.12
tblEnergyUse	T24E	2.05	2.05
tblEnergyUse	T24E	3.41	3.41
tblEnergyUse	T24E	3.41	3.41
tblEnergyUse	T24NG	9,411.72	9,411.72
tblEnergyUse	T24NG	14.60	14.60
tblEnergyUse	T24NG	23.39	23.39
tblEnergyUse	T24NG	23.39	23.39
tblLandUse	LandUseSquareFeet	26,050.00	26,045.00
tblProjectCharacteristics	CO2IntensityFactor	590.31	143.85
tblVehicleTrips	CW_TL	10.00	10.15
tblVehicleTrips	HW_TL	10.00	6.98

## 2.0 Emissions Summary

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### 2.1 Overall Construction (Maximum Daily Emission)

#### Unmitigated Construction

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	3.5781	35.8307	22.5260	0.0399	0.1141	1.7957	1.9098	0.0303	1.6704	1.7007	0.0000	3,924.749 4	3,924.749 4	1.0653	0.0000	3,951.380 7
2020	4.5295	50.2541	32.5174	0.0634	18.2032	2.1984	20.4016	9.9670	2.0225	11.9895	0.0000	6,145.243 0	6,145.243 0	1.9464	0.0000	6,193.903 6
2021	12.1264	90.2502	91.9560	0.3332	20.5943	1.9864	21.8579	5.5520	1.8275	6.7412	0.0000	34,056.89 55	34,056.89 55	2.0281	0.0000	34,107.59 68
2022	11.2536	84.4465	85.5908	0.3264	20.5938	1.0878	21.6815	5.5519	1.0239	6.5758	0.0000	33,381.81 08	33,381.81 08	1.9546	0.0000	33,430.67 57
2023	10.2297	72.7798	79.0404	0.3180	20.5933	0.8879	21.4813	5.5517	0.8347	6.3863	0.0000	32,543.19 97	32,543.19 97	1.8096	0.0000	32,588.43 98
2024	9.6401	70.3770	74.3852	0.3117	20.5930	0.7948	21.3878	5.5516	0.7468	6.2983	0.0000	31,919.18 35	31,919.18 35	1.7640	0.0000	31,963.28 31
2025	9.1118	68.0503	70.2602	0.3054	20.5926	0.7030	21.2956	5.5514	0.6603	6.2118	0.0000	31,304.116 2	31,304.116 2	1.7233	0.0000	31,347.19 88
2026	8.7391	66.8007	66.7870	0.2998	20.5923	0.6958	21.2881	5.5513	0.6535	6.2049	0.0000	30,750.10 84	30,750.10 84	1.6906	0.0000	30,792.37 45
2027	8.3783	65.6584	63.6739	0.2948	20.5920	0.6874	21.2794	5.5512	0.6457	6.1969	0.0000	30,250.06 53	30,250.06 53	1.6605	0.0000	30,291.57 75
2028	8.0074	64.6780	60.9536	0.2904	20.5918	0.6780	21.2698	5.5511	0.6369	6.1880	0.0000	29,809.15 63	29,809.15 63	1.6331	0.0000	29,849.98 33
2029	7.6089	63.7498	58.3945	0.2864	20.5916	0.6688	21.2603	5.5510	0.6283	6.1793	0.0000	29,416.60 86	29,416.60 86	1.6065	0.0000	29,456.77 21
2030	7.1675	58.3533	56.1948	0.2869	20.5914	0.2805	20.8719	5.5510	0.2720	5.8229	0.0000	29,410.88 62	29,410.88 62	1.0968	0.0000	29,438.30 74
2031	6.7673	57.5642	54.0671	0.2838	20.5912	0.2723	20.8636	5.5509	0.2643	5.8152	0.0000	29,107.98 07	29,107.98 07	1.0741	0.0000	29,134.83 43
2032	6.4117	56.8455	52.2167	0.2812	20.5911	0.2651	20.8562	5.5509	0.2576	5.8085	0.0000	28,846.70 56	28,846.70 56	1.0543	0.0000	28,873.06 30
2033	6.1217	56.2187	50.6566	0.2789	20.5910	0.3311	20.8498	5.5508	0.3310	5.8025	0.0000	28,620.85 81	28,620.85 81	1.0374	0.0000	28,646.79 29
2034	87.9469	7.1321	16.0020	0.0287	3.3243	0.3310	3.3561	0.8818	0.3310	0.9127	0.0000	2,724.347 9	2,724.347 9	0.1253	0.0000	2,727.480 9
2035	87.8934	1.0843	6.0134	0.0225	3.3243	0.0207	3.3449	0.8818	0.0198	0.9016	0.0000	2,229.464 5	2,229.464 5	0.0316	0.0000	2,230.255 2
<b>Maximum</b>	<b>87.9469</b>	<b>90.2502</b>	<b>91.9560</b>	<b>0.3332</b>	<b>20.5943</b>	<b>2.1984</b>	<b>21.8579</b>	<b>9.9670</b>	<b>2.0225</b>	<b>11.9895</b>	<b>0.0000</b>	<b>34,056.89 55</b>	<b>34,056.89 55</b>	<b>2.0281</b>	<b>0.0000</b>	<b>34,107.59 68</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**2.1 Overall Construction (Maximum Daily Emission)**

**Mitigated Construction**

## West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	3.5781	35.8307	22.5260	0.0399	0.1141	1.7957	1.9098	0.0303	1.6704	1.7007	0.0000	3,924.749 4	3,924.749 4	1.0653	0.0000	3,951.380 7
2020	4.5295	50.2541	32.5174	0.0634	18.2032	2.1984	20.4016	9.9670	2.0225	11.9895	0.0000	6,145.243 0	6,145.243 0	1.9464	0.0000	6,193.903 6
2021	12.1264	90.2502	91.9560	0.3332	20.5943	1.9864	21.8579	5.5520	1.8275	6.7412	0.0000	34,056.89 55	34,056.89 55	2.0281	0.0000	34,107.59 68
2022	11.2536	84.4465	85.5908	0.3264	20.5938	1.0878	21.6815	5.5519	1.0239	6.5758	0.0000	33,381.81 08	33,381.81 08	1.9546	0.0000	33,430.67 57
2023	10.2297	72.7798	79.0404	0.3180	20.5933	0.8879	21.4813	5.5517	0.8347	6.3863	0.0000	32,543.19 97	32,543.19 97	1.8096	0.0000	32,588.43 98
2024	9.6401	70.3770	74.3852	0.3117	20.5930	0.7948	21.3878	5.5516	0.7468	6.2983	0.0000	31,919.18 35	31,919.18 35	1.7640	0.0000	31,963.28 31
2025	9.1118	68.0503	70.2602	0.3054	20.5926	0.7030	21.2956	5.5514	0.6603	6.2118	0.0000	31,304.116 2	31,304.116 2	1.7233	0.0000	31,347.19 88
2026	8.7391	66.8007	66.7870	0.2998	20.5923	0.6958	21.2881	5.5513	0.6535	6.2049	0.0000	30,750.10 84	30,750.10 84	1.6906	0.0000	30,792.37 45
2027	8.3783	65.6584	63.6739	0.2948	20.5920	0.6874	21.2794	5.5512	0.6457	6.1969	0.0000	30,250.06 53	30,250.06 53	1.6605	0.0000	30,291.57 75
2028	8.0074	64.6780	60.9536	0.2904	20.5918	0.6780	21.2698	5.5511	0.6369	6.1880	0.0000	29,809.15 63	29,809.15 63	1.6331	0.0000	29,849.98 33
2029	7.6089	63.7498	58.3945	0.2864	20.5916	0.6688	21.2603	5.5510	0.6283	6.1793	0.0000	29,416.60 86	29,416.60 86	1.6065	0.0000	29,456.77 21
2030	7.1675	58.3533	56.1948	0.2869	20.5914	0.2805	20.8719	5.5510	0.2720	5.8229	0.0000	29,410.88 62	29,410.88 62	1.0968	0.0000	29,438.30 74
2031	6.7673	57.5642	54.0671	0.2838	20.5912	0.2723	20.8636	5.5509	0.2643	5.8152	0.0000	29,107.98 07	29,107.98 07	1.0741	0.0000	29,134.83 43
2032	6.4117	56.8455	52.2167	0.2812	20.5911	0.2651	20.8562	5.5509	0.2576	5.8085	0.0000	28,846.70 56	28,846.70 56	1.0543	0.0000	28,873.06 30
2033	6.1217	56.2187	50.6566	0.2789	20.5910	0.3311	20.8498	5.5508	0.3310	5.8025	0.0000	28,620.85 81	28,620.85 81	1.0374	0.0000	28,646.79 29
2034	87.9469	7.1321	16.0020	0.0287	3.3243	0.3310	3.3561	0.8818	0.3310	0.9127	0.0000	2,724.347 9	2,724.347 9	0.1253	0.0000	2,727.480 9
2035	87.8934	1.0843	6.0134	0.0225	3.3243	0.0207	3.3449	0.8818	0.0198	0.9016	0.0000	2,229.464 5	2,229.464 5	0.0316	0.0000	2,230.255 2
<b>Maximum</b>	<b>87.9469</b>	<b>90.2502</b>	<b>91.9560</b>	<b>0.3332</b>	<b>20.5943</b>	<b>2.1984</b>	<b>21.8579</b>	<b>9.9670</b>	<b>2.0225</b>	<b>11.9895</b>	<b>0.0000</b>	<b>34,056.89 55</b>	<b>34,056.89 55</b>	<b>2.0281</b>	<b>0.0000</b>	<b>34,107.59 68</b>





West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	44.0497	1.0562	91.5649	4.8500e-003		0.5094	0.5094		0.5094	0.5094	0.0000	165.4762	165.4762	0.1578	0.0000	169.4198
Energy	0.9355	8.2876	5.5524	0.0510		0.6464	0.6464		0.6464	0.6464		10,205.4957	10,205.4957	0.1956	0.1871	10,266.1419
Mobile	10.2697	58.5826	125.5147	0.5496	67.5794	0.2922	67.8716	18.0427	0.2715	18.3142		56,100.5934	56,100.5934	2.2104		56,155.8535
<b>Total</b>	<b>55.2549</b>	<b>67.9263</b>	<b>222.6320</b>	<b>0.6054</b>	<b>67.5794</b>	<b>1.4480</b>	<b>69.0274</b>	<b>18.0427</b>	<b>1.4273</b>	<b>19.4700</b>	<b>0.0000</b>	<b>66,471.5652</b>	<b>66,471.5652</b>	<b>2.5638</b>	<b>0.1871</b>	<b>66,591.4152</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	44.0497	1.0562	91.5649	4.8500e-003		0.5094	0.5094		0.5094	0.5094	0.0000	165.4762	165.4762	0.1578	0.0000	169.4198
Energy	0.9355	8.2876	5.5524	0.0510		0.6464	0.6464		0.6464	0.6464		10,205.4957	10,205.4957	0.1956	0.1871	10,266.1419
Mobile	10.2697	58.5826	125.5147	0.5496	67.5794	0.2922	67.8716	18.0427	0.2715	18.3142		56,100.5934	56,100.5934	2.2104		56,155.8535
<b>Total</b>	<b>55.2549</b>	<b>67.9263</b>	<b>222.6320</b>	<b>0.6054</b>	<b>67.5794</b>	<b>1.4480</b>	<b>69.0274</b>	<b>18.0427</b>	<b>1.4273</b>	<b>19.4700</b>	<b>0.0000</b>	<b>66,471.5652</b>	<b>66,471.5652</b>	<b>2.5638</b>	<b>0.1871</b>	<b>66,591.4152</b>

## West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

### 3.0 Construction Detail

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	7/22/2019	4/24/2020	5	200	
2	Site Preparation	Site Preparation	4/25/2020	10/9/2020	5	120	
3	Grading	Grading	10/10/2020	12/17/2021	5	310	
4	Building Construction	Building Construction	12/18/2021	11/4/2033	5	3100	
5	Paving	Paving	11/5/2033	9/8/2034	5	220	
6	Architectural Coating	Architectural Coating	9/9/2034	7/13/2035	5	220	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 775

Acres of Paving: 0

Residential Indoor: 2,253,825; Residential Outdoor: 751,275; Non-Residential Indoor: 847,943; Non-Residential Outdoor: 282,648; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

## West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	2,186.00	659.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	437.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697		3,816.8994	3,816.8994	1.0618		3,843.4451
<b>Total</b>	<b>3.5134</b>	<b>35.7830</b>	<b>22.0600</b>	<b>0.0388</b>		<b>1.7949</b>	<b>1.7949</b>		<b>1.6697</b>	<b>1.6697</b>		<b>3,816.8994</b>	<b>3,816.8994</b>	<b>1.0618</b>		<b>3,843.4451</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.2 Demolition - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0477	0.4660	1.0800e-003	0.1141	8.1000e-004	0.1149	0.0303	7.5000e-004	0.0310		107.8500	107.8500	3.4200e-003		107.9356
<b>Total</b>	<b>0.0647</b>	<b>0.0477</b>	<b>0.4660</b>	<b>1.0800e-003</b>	<b>0.1141</b>	<b>8.1000e-004</b>	<b>0.1149</b>	<b>0.0303</b>	<b>7.5000e-004</b>	<b>0.0310</b>		<b>107.8500</b>	<b>107.8500</b>	<b>3.4200e-003</b>		<b>107.9356</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451
<b>Total</b>	<b>3.5134</b>	<b>35.7830</b>	<b>22.0600</b>	<b>0.0388</b>		<b>1.7949</b>	<b>1.7949</b>		<b>1.6697</b>	<b>1.6697</b>	<b>0.0000</b>	<b>3,816.8994</b>	<b>3,816.8994</b>	<b>1.0618</b>		<b>3,843.4451</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.2 Demolition - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0477	0.4660	1.0800e-003	0.1141	8.1000e-004	0.1149	0.0303	7.5000e-004	0.0310		107.8500	107.8500	3.4200e-003		107.9356
<b>Total</b>	<b>0.0647</b>	<b>0.0477</b>	<b>0.4660</b>	<b>1.0800e-003</b>	<b>0.1141</b>	<b>8.1000e-004</b>	<b>0.1149</b>	<b>0.0303</b>	<b>7.5000e-004</b>	<b>0.0310</b>		<b>107.8500</b>	<b>107.8500</b>	<b>3.4200e-003</b>		<b>107.9356</b>

**3.2 Demolition - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>		<b>1.6587</b>	<b>1.6587</b>		<b>1.5419</b>	<b>1.5419</b>		<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0595	0.0424	0.4194	1.0500e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		104.5333	104.5333	3.0100e-003		104.6084
<b>Total</b>	<b>0.0595</b>	<b>0.0424</b>	<b>0.4194</b>	<b>1.0500e-003</b>	<b>0.1141</b>	<b>7.9000e-004</b>	<b>0.1149</b>	<b>0.0303</b>	<b>7.3000e-004</b>	<b>0.0310</b>		<b>104.5333</b>	<b>104.5333</b>	<b>3.0100e-003</b>		<b>104.6084</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>		<b>1.6587</b>	<b>1.6587</b>		<b>1.5419</b>	<b>1.5419</b>	<b>0.0000</b>	<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>



West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0595	0.0424	0.4194	1.0500e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		104.5333	104.5333	3.0100e-003		104.6084
<b>Total</b>	<b>0.0595</b>	<b>0.0424</b>	<b>0.4194</b>	<b>1.0500e-003</b>	<b>0.1141</b>	<b>7.9000e-004</b>	<b>0.1149</b>	<b>0.0303</b>	<b>7.3000e-004</b>	<b>0.0310</b>		<b>104.5333</b>	<b>104.5333</b>	<b>3.0100e-003</b>		<b>104.6084</b>

**3.3 Site Preparation - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
<b>Total</b>	<b>4.0765</b>	<b>42.4173</b>	<b>21.5136</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.1974</b>	<b>20.2637</b>	<b>9.9307</b>	<b>2.0216</b>	<b>11.9523</b>		<b>3,685.1016</b>	<b>3,685.1016</b>	<b>1.1918</b>		<b>3,714.8975</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.3 Site Preparation - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0714	0.0509	0.5032	1.2600e-003	0.1369	9.5000e-004	0.1379	0.0363	8.8000e-004	0.0372		125.4399	125.4399	3.6100e-003		125.5301
<b>Total</b>	<b>0.0714</b>	<b>0.0509</b>	<b>0.5032</b>	<b>1.2600e-003</b>	<b>0.1369</b>	<b>9.5000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.8000e-004</b>	<b>0.0372</b>		<b>125.4399</b>	<b>125.4399</b>	<b>3.6100e-003</b>		<b>125.5301</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
<b>Total</b>	<b>4.0765</b>	<b>42.4173</b>	<b>21.5136</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.1974</b>	<b>20.2637</b>	<b>9.9307</b>	<b>2.0216</b>	<b>11.9523</b>	<b>0.0000</b>	<b>3,685.1016</b>	<b>3,685.1016</b>	<b>1.1918</b>		<b>3,714.8975</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.3 Site Preparation - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0714	0.0509	0.5032	1.2600e-003	0.1369	9.5000e-004	0.1379	0.0363	8.8000e-004	0.0372		125.4399	125.4399	3.6100e-003		125.5301
<b>Total</b>	<b>0.0714</b>	<b>0.0509</b>	<b>0.5032</b>	<b>1.2600e-003</b>	<b>0.1369</b>	<b>9.5000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.8000e-004</b>	<b>0.0372</b>		<b>125.4399</b>	<b>125.4399</b>	<b>3.6100e-003</b>		<b>125.5301</b>

**3.4 Grading - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
<b>Total</b>	<b>4.4501</b>	<b>50.1975</b>	<b>31.9583</b>	<b>0.0620</b>	<b>8.6733</b>	<b>2.1739</b>	<b>10.8472</b>	<b>3.5965</b>	<b>2.0000</b>	<b>5.5965</b>		<b>6,005.8653</b>	<b>6,005.8653</b>	<b>1.9424</b>		<b>6,054.4257</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.4 Grading - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0794	0.0565	0.5591	1.4000e-003	0.1521	1.0600e-003	0.1532	0.0404	9.7000e-004	0.0413		139.3777	139.3777	4.0100e-003		139.4779
<b>Total</b>	<b>0.0794</b>	<b>0.0565</b>	<b>0.5591</b>	<b>1.4000e-003</b>	<b>0.1521</b>	<b>1.0600e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.7000e-004</b>	<b>0.0413</b>		<b>139.3777</b>	<b>139.3777</b>	<b>4.0100e-003</b>		<b>139.4779</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257
<b>Total</b>	<b>4.4501</b>	<b>50.1975</b>	<b>31.9583</b>	<b>0.0620</b>	<b>8.6733</b>	<b>2.1739</b>	<b>10.8472</b>	<b>3.5965</b>	<b>2.0000</b>	<b>5.5965</b>	<b>0.0000</b>	<b>6,005.8653</b>	<b>6,005.8653</b>	<b>1.9424</b>		<b>6,054.4257</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.4 Grading - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0794	0.0565	0.5591	1.4000e-003	0.1521	1.0600e-003	0.1532	0.0404	9.7000e-004	0.0413		139.3777	139.3777	4.0100e-003		139.4779
<b>Total</b>	<b>0.0794</b>	<b>0.0565</b>	<b>0.5591</b>	<b>1.4000e-003</b>	<b>0.1521</b>	<b>1.0600e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.7000e-004</b>	<b>0.0413</b>		<b>139.3777</b>	<b>139.3777</b>	<b>4.0100e-003</b>		<b>139.4779</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>		<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0738	0.0507	0.5103	1.3500e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		134.6329	134.6329	3.5900e-003		134.7226
<b>Total</b>	<b>0.0738</b>	<b>0.0507</b>	<b>0.5103</b>	<b>1.3500e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>134.6329</b>	<b>134.6329</b>	<b>3.5900e-003</b>		<b>134.7226</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>	<b>0.0000</b>	<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0738	0.0507	0.5103	1.3500e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		134.6329	134.6329	3.5900e-003		134.7226
<b>Total</b>	<b>0.0738</b>	<b>0.0507</b>	<b>0.5103</b>	<b>1.3500e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>134.6329</b>	<b>134.6329</b>	<b>3.5900e-003</b>		<b>134.7226</b>

**3.5 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>		<b>2,553.3639</b>	<b>2,553.3639</b>	<b>0.6160</b>		<b>2,568.7643</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1573	67.2789	19.6023	0.1585	3.9654	0.1928	4.1582	1.1411	0.1844	1.3255		16,788.16 12	16,788.16 12	1.0199		16,813.65 84
Worker	8.0682	5.5392	55.7785	0.1478	16.6289	0.1122	16.7411	4.4110	0.1034	4.5144		14,715.37 05	14,715.37 05	0.3922		14,725.17 42
<b>Total</b>	<b>10.2255</b>	<b>72.8181</b>	<b>75.3808</b>	<b>0.3063</b>	<b>20.5943</b>	<b>0.3051</b>	<b>20.8993</b>	<b>5.5520</b>	<b>0.2879</b>	<b>5.8399</b>		<b>31,503.53 16</b>	<b>31,503.53 16</b>	<b>1.4120</b>		<b>31,538.83 26</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.363 9	2,553.363 9	0.6160		2,568.764 3
<b>Total</b>	<b>1.9009</b>	<b>17.4321</b>	<b>16.5752</b>	<b>0.0269</b>		<b>0.9586</b>	<b>0.9586</b>		<b>0.9013</b>	<b>0.9013</b>	<b>0.0000</b>	<b>2,553.363 9</b>	<b>2,553.363 9</b>	<b>0.6160</b>		<b>2,568.764 3</b>



West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1573	67.2789	19.6023	0.1585	3.9654	0.1928	4.1582	1.1411	0.1844	1.3255		16,788.16 12	16,788.16 12	1.0199		16,813.65 84
Worker	8.0682	5.5392	55.7785	0.1478	16.6289	0.1122	16.7411	4.4110	0.1034	4.5144		14,715.37 05	14,715.37 05	0.3922		14,725.17 42
<b>Total</b>	<b>10.2255</b>	<b>72.8181</b>	<b>75.3808</b>	<b>0.3063</b>	<b>20.5943</b>	<b>0.3051</b>	<b>20.8993</b>	<b>5.5520</b>	<b>0.2879</b>	<b>5.8399</b>		<b>31,503.53 16</b>	<b>31,503.53 16</b>	<b>1.4120</b>		<b>31,538.83 26</b>

**3.5 Building Construction - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.333 6	2,554.333 6	0.6120		2,569.632 2
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>		<b>2,554.333 6</b>	<b>2,554.333 6</b>	<b>0.6120</b>		<b>2,569.632 2</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0022	63.8511	18.0782	0.1570	3.9649	0.1694	4.1343	1.1409	0.1621	1.3029		16,638.99 14	16,638.99 14	0.9909		16,663.76 48
Worker	7.5452	4.9798	51.1493	0.1425	16.6289	0.1093	16.7382	4.4110	0.1007	4.5117		14,188.48 59	14,188.48 59	0.3517		14,197.27 87
<b>Total</b>	<b>9.5474</b>	<b>68.8308</b>	<b>69.2274</b>	<b>0.2994</b>	<b>20.5938</b>	<b>0.2787</b>	<b>20.8725</b>	<b>5.5519</b>	<b>0.2628</b>	<b>5.8146</b>		<b>30,827.47 73</b>	<b>30,827.47 73</b>	<b>1.3426</b>		<b>30,861.04 35</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.333 6	2,554.333 6	0.6120		2,569.632 2
<b>Total</b>	<b>1.7062</b>	<b>15.6156</b>	<b>16.3634</b>	<b>0.0269</b>		<b>0.8090</b>	<b>0.8090</b>		<b>0.7612</b>	<b>0.7612</b>	<b>0.0000</b>	<b>2,554.333 6</b>	<b>2,554.333 6</b>	<b>0.6120</b>		<b>2,569.632 2</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0022	63.8511	18.0782	0.1570	3.9649	0.1694	4.1343	1.1409	0.1621	1.3029		16,638.99 14	16,638.99 14	0.9909		16,663.76 48
Worker	7.5452	4.9798	51.1493	0.1425	16.6289	0.1093	16.7382	4.4110	0.1007	4.5117		14,188.48 59	14,188.48 59	0.3517		14,197.27 87
<b>Total</b>	<b>9.5474</b>	<b>68.8308</b>	<b>69.2274</b>	<b>0.2994</b>	<b>20.5938</b>	<b>0.2787</b>	<b>20.8725</b>	<b>5.5519</b>	<b>0.2628</b>	<b>5.8146</b>		<b>30,827.47 73</b>	<b>30,827.47 73</b>	<b>1.3426</b>		<b>30,861.04 35</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.209 9	2,555.209 9	0.6079		2,570.406 1
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.209 9</b>	<b>2,555.209 9</b>	<b>0.6079</b>		<b>2,570.406 1</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.5870	53.9154	15.9316	0.1540	3.9645	0.0816	4.0460	1.1407	0.0780	1.2187		16,332.1113	16,332.1113	0.8873		16,354.2924
Worker	7.0700	4.4795	46.8647	0.1371	16.6289	0.1067	16.7356	4.4110	0.0983	4.5092		13,655.8785	13,655.8785	0.3145		13,663.7413
<b>Total</b>	<b>8.6570</b>	<b>58.3949</b>	<b>62.7964</b>	<b>0.2910</b>	<b>20.5933</b>	<b>0.1882</b>	<b>20.7816</b>	<b>5.5517</b>	<b>0.1762</b>	<b>5.7279</b>		<b>29,987.9898</b>	<b>29,987.9898</b>	<b>1.2018</b>		<b>30,018.0337</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.5870	53.9154	15.9316	0.1540	3.9645	0.0816	4.0460	1.1407	0.0780	1.2187		16,332.1113	16,332.1113	0.8873		16,354.2924
Worker	7.0700	4.4795	46.8647	0.1371	16.6289	0.1067	16.7356	4.4110	0.0983	4.5092		13,655.8785	13,655.8785	0.3145		13,663.7413
<b>Total</b>	<b>8.6570</b>	<b>58.3949</b>	<b>62.7964</b>	<b>0.2910</b>	<b>20.5933</b>	<b>0.1882</b>	<b>20.7816</b>	<b>5.5517</b>	<b>0.1762</b>	<b>5.7279</b>		<b>29,987.9898</b>	<b>29,987.9898</b>	<b>1.2018</b>		<b>30,018.0337</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>		<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.5112	52.8850	14.8888	0.1530	3.9641	0.0772	4.0413	1.1406	0.0738	1.2144		16,238.24 14	16,238.24 14	0.8765		16,260.15 31
Worker	6.6573	4.0483	43.3296	0.1317	16.6289	0.1043	16.7332	4.4110	0.0961	4.5070		13,125.24 32	13,125.24 32	0.2832		13,132.32 24
<b>Total</b>	<b>8.1685</b>	<b>56.9333</b>	<b>58.2184</b>	<b>0.2847</b>	<b>20.5930</b>	<b>0.1815</b>	<b>20.7745</b>	<b>5.5516</b>	<b>0.1699</b>	<b>5.7214</b>		<b>29,363.48 46</b>	<b>29,363.48 46</b>	<b>1.1596</b>		<b>29,392.47 55</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.698 9	2,555.698 9	0.6044		2,570.807 7
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>	<b>0.0000</b>	<b>2,555.698 9</b>	<b>2,555.698 9</b>	<b>0.6044</b>		<b>2,570.807 7</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.5112	52.8850	14.8888	0.1530	3.9641	0.0772	4.0413	1.1406	0.0738	1.2144		16,238.24 14	16,238.24 14	0.8765		16,260.15 31
Worker	6.6573	4.0483	43.3296	0.1317	16.6289	0.1043	16.7332	4.4110	0.0961	4.5070		13,125.24 32	13,125.24 32	0.2832		13,132.32 24
<b>Total</b>	<b>8.1685</b>	<b>56.9333</b>	<b>58.2184</b>	<b>0.2847</b>	<b>20.5930</b>	<b>0.1815</b>	<b>20.7745</b>	<b>5.5516</b>	<b>0.1699</b>	<b>5.7214</b>		<b>29,363.48 46</b>	<b>29,363.48 46</b>	<b>1.1596</b>		<b>29,392.47 55</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.4484	51.9049	14.0905	0.1521	3.9637	0.0730	4.0367	1.1405	0.0698	1.2103		16,147.67 91	16,147.67 91	0.8661		16,169.33 14
Worker	6.2960	3.6757	40.0850	0.1264	16.6289	0.1024	16.7313	4.4110	0.0943	4.5052		12,599.96 27	12,599.96 27	0.2563		12,606.36 93
<b>Total</b>	<b>7.7444</b>	<b>55.5806</b>	<b>54.1756</b>	<b>0.2785</b>	<b>20.5926</b>	<b>0.1754</b>	<b>20.7680</b>	<b>5.5514</b>	<b>0.1641</b>	<b>5.7155</b>		<b>28,747.64 18</b>	<b>28,747.64 18</b>	<b>1.1224</b>		<b>28,775.70 08</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>



West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.4484	51.9049	14.0905	0.1521	3.9637	0.0730	4.0367	1.1405	0.0698	1.2103		16,147.67 91	16,147.67 91	0.8661		16,169.33 14
Worker	6.2960	3.6757	40.0850	0.1264	16.6289	0.1024	16.7313	4.4110	0.0943	4.5052		12,599.96 27	12,599.96 27	0.2563		12,606.36 93
<b>Total</b>	<b>7.7444</b>	<b>55.5806</b>	<b>54.1756</b>	<b>0.2785</b>	<b>20.5926</b>	<b>0.1754</b>	<b>20.7680</b>	<b>5.5514</b>	<b>0.1641</b>	<b>5.7155</b>		<b>28,747.64 18</b>	<b>28,747.64 18</b>	<b>1.1224</b>		<b>28,775.70 08</b>

**3.5 Building Construction - 2026**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3929	50.9733	13.4393	0.1512	3.9634	0.0688	4.0322	1.1403	0.0658	1.2062		16,061.74 57	16,061.74 57	0.8567		16,083.16 36
Worker	5.9788	3.3577	37.2631	0.1217	16.6289	0.0994	16.7283	4.4110	0.0915	4.5024		12,131.88 83	12,131.88 83	0.2330		12,137.71 28
<b>Total</b>	<b>7.3717</b>	<b>54.3310</b>	<b>50.7024</b>	<b>0.2729</b>	<b>20.5923</b>	<b>0.1682</b>	<b>20.7605</b>	<b>5.5513</b>	<b>0.1573</b>	<b>5.7086</b>		<b>28,193.63 41</b>	<b>28,193.63 41</b>	<b>1.0897</b>		<b>28,220.87 64</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3929	50.9733	13.4393	0.1512	3.9634	0.0688	4.0322	1.1403	0.0658	1.2062		16,061.74 57	16,061.74 57	0.8567		16,083.16 36
Worker	5.9788	3.3577	37.2631	0.1217	16.6289	0.0994	16.7283	4.4110	0.0915	4.5024		12,131.88 83	12,131.88 83	0.2330		12,137.71 28
<b>Total</b>	<b>7.3717</b>	<b>54.3310</b>	<b>50.7024</b>	<b>0.2729</b>	<b>20.5923</b>	<b>0.1682</b>	<b>20.7605</b>	<b>5.5513</b>	<b>0.1573</b>	<b>5.7086</b>		<b>28,193.63 41</b>	<b>28,193.63 41</b>	<b>1.0897</b>		<b>28,220.87 64</b>

**3.5 Building Construction - 2027**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2027**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3443	50.1166	12.8728	0.1504	3.9631	0.0653	4.0285	1.1402	0.0625	1.2027		15,980.8883	15,980.8883	0.8476		16,002.0770
Worker	5.6666	3.0722	34.7165	0.1175	16.6289	0.0945	16.7234	4.4110	0.0870	4.4979		11,712.7027	11,712.7027	0.2120		11,718.0024
<b>Total</b>	<b>7.0109</b>	<b>53.1888</b>	<b>47.5892</b>	<b>0.2678</b>	<b>20.5920</b>	<b>0.1598</b>	<b>20.7518</b>	<b>5.5512</b>	<b>0.1494</b>	<b>5.7006</b>		<b>27,693.5909</b>	<b>27,693.5909</b>	<b>1.0595</b>		<b>27,720.0794</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2027**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3443	50.1166	12.8728	0.1504	3.9631	0.0653	4.0285	1.1402	0.0625	1.2027		15,980.8883	15,980.8883	0.8476		16,002.0770
Worker	5.6666	3.0722	34.7165	0.1175	16.6289	0.0945	16.7234	4.4110	0.0870	4.4979		11,712.7027	11,712.7027	0.2120		11,718.0024
<b>Total</b>	<b>7.0109</b>	<b>53.1888</b>	<b>47.5892</b>	<b>0.2678</b>	<b>20.5920</b>	<b>0.1598</b>	<b>20.7518</b>	<b>5.5512</b>	<b>0.1494</b>	<b>5.7006</b>		<b>27,693.5909</b>	<b>27,693.5909</b>	<b>1.0595</b>		<b>27,720.0794</b>

**3.5 Building Construction - 2028**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2028**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.3011	49.3898	12.3927	0.1497	3.9629	0.0622	4.0251	1.1402	0.0595	1.1996		15,912.2008	15,912.2008	0.8382		15,933.1557
Worker	5.3388	2.8185	32.4762	0.1137	16.6289	0.0882	16.7171	4.4110	0.0812	4.4921		11,340.4812	11,340.4812	0.1939		11,345.3296
<b>Total</b>	<b>6.6400</b>	<b>52.2083</b>	<b>44.8689</b>	<b>0.2634</b>	<b>20.5918</b>	<b>0.1504</b>	<b>20.7422</b>	<b>5.5511</b>	<b>0.1407</b>	<b>5.6918</b>		<b>27,252.6819</b>	<b>27,252.6819</b>	<b>1.0321</b>		<b>27,278.4853</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2028**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	1.3011	49.3898	12.3927	0.1497	3.9629	0.0622	4.0251	1.1402	0.0595	1.1996		15,912.2008	15,912.2008	0.8382			15,933.1557
Worker	5.3388	2.8185	32.4762	0.1137	16.6289	0.0882	16.7171	4.4110	0.0812	4.4921		11,340.4812	11,340.4812	0.1939			11,345.3296
<b>Total</b>	<b>6.6400</b>	<b>52.2083</b>	<b>44.8689</b>	<b>0.2634</b>	<b>20.5918</b>	<b>0.1504</b>	<b>20.7422</b>	<b>5.5511</b>	<b>0.1407</b>	<b>5.6918</b>		<b>27,252.6819</b>	<b>27,252.6819</b>	<b>1.0321</b>			<b>27,278.4853</b>

**3.5 Building Construction - 2029**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010			2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>			<b>2,571.4981</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2029**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2622	48.6984	11.9893	0.1491	3.9627	0.0591	4.0218	1.1401	0.0565	1.1965		15,849.6693	15,849.6693	0.8289		15,870.3910
Worker	4.9793	2.5817	30.3205	0.1104	16.6289	0.0821	16.7110	4.4110	0.0756	4.4865		11,010.4649	11,010.4649	0.1767		11,014.8830
<b>Total</b>	<b>6.2415</b>	<b>51.2801</b>	<b>42.3098</b>	<b>0.2594</b>	<b>20.5916</b>	<b>0.1412</b>	<b>20.7328</b>	<b>5.5510</b>	<b>0.1320</b>	<b>5.6831</b>		<b>26,860.1342</b>	<b>26,860.1342</b>	<b>1.0056</b>		<b>26,885.2740</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>



West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2029**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2622	48.6984	11.9893	0.1491	3.9627	0.0591	4.0218	1.1401	0.0565	1.1965		15,849.6693	15,849.6693	0.8289		15,870.3910
Worker	4.9793	2.5817	30.3205	0.1104	16.6289	0.0821	16.7110	4.4110	0.0756	4.4865		11,010.4649	11,010.4649	0.1767		11,014.8830
<b>Total</b>	<b>6.2415</b>	<b>51.2801</b>	<b>42.3098</b>	<b>0.2594</b>	<b>20.5916</b>	<b>0.1412</b>	<b>20.7328</b>	<b>5.5510</b>	<b>0.1320</b>	<b>5.6831</b>		<b>26,860.1342</b>	<b>26,860.1342</b>	<b>1.0056</b>		<b>26,885.2740</b>

**3.5 Building Construction - 2030**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2030**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2271	48.0507	11.6564	0.1485	3.9625	0.0559	4.0184	1.1400	0.0534	1.1934		15,793.67 25	15,793.67 25	0.8192		15,814.15 23
Worker	4.6313	2.3680	28.3814	0.1074	16.6289	0.0765	16.7054	4.4110	0.0704	4.4814		10,719.66 69	10,719.66 69	0.1614		10,723.70 22
<b>Total</b>	<b>5.8584</b>	<b>50.4187</b>	<b>40.0378</b>	<b>0.2559</b>	<b>20.5914</b>	<b>0.1324</b>	<b>20.7238</b>	<b>5.5510</b>	<b>0.1238</b>	<b>5.6748</b>		<b>26,513.33 94</b>	<b>26,513.33 94</b>	<b>0.9806</b>		<b>26,537.85 45</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2030**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2271	48.0507	11.6564	0.1485	3.9625	0.0559	4.0184	1.1400	0.0534	1.1934		15,793.67 25	15,793.67 25	0.8192		15,814.15 23
Worker	4.6313	2.3680	28.3814	0.1074	16.6289	0.0765	16.7054	4.4110	0.0704	4.4814		10,719.66 69	10,719.66 69	0.1614		10,723.70 22
<b>Total</b>	<b>5.8584</b>	<b>50.4187</b>	<b>40.0378</b>	<b>0.2559</b>	<b>20.5914</b>	<b>0.1324</b>	<b>20.7238</b>	<b>5.5510</b>	<b>0.1238</b>	<b>5.6748</b>		<b>26,513.33 94</b>	<b>26,513.33 94</b>	<b>0.9806</b>		<b>26,537.85 45</b>

**3.5 Building Construction - 2031**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2031**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1974	47.4634	11.3825	0.1480	3.9624	0.0530	4.0154	1.1399	0.0507	1.1906		15,745.9488	15,745.9488	0.8108		15,766.2199
Worker	4.2608	2.1662	26.5276	0.1049	16.6289	0.0712	16.7001	4.4110	0.0655	4.4764		10,464.4851	10,464.4851	0.1471		10,468.1616
<b>Total</b>	<b>5.4582</b>	<b>49.6296</b>	<b>37.9101</b>	<b>0.2529</b>	<b>20.5912</b>	<b>0.1242</b>	<b>20.7154</b>	<b>5.5509</b>	<b>0.1162</b>	<b>5.6671</b>		<b>26,210.4339</b>	<b>26,210.4339</b>	<b>0.9579</b>		<b>26,234.3815</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2031**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1974	47.4634	11.3825	0.1480	3.9624	0.0530	4.0154	1.1399	0.0507	1.1906		15,745.9488	15,745.9488	0.8108		15,766.2199
Worker	4.2608	2.1662	26.5276	0.1049	16.6289	0.0712	16.7001	4.4110	0.0655	4.4764		10,464.4851	10,464.4851	0.1471		10,468.1616
<b>Total</b>	<b>5.4582</b>	<b>49.6296</b>	<b>37.9101</b>	<b>0.2529</b>	<b>20.5912</b>	<b>0.1242</b>	<b>20.7154</b>	<b>5.5509</b>	<b>0.1162</b>	<b>5.6671</b>		<b>26,210.4339</b>	<b>26,210.4339</b>	<b>0.9579</b>		<b>26,234.3815</b>

**3.5 Building Construction - 2032**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2032**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1727	46.9187	11.1649	0.1476	3.9622	0.0508	4.0130	1.1399	0.0486	1.1885		15,706.8773	15,706.8773	0.8035		15,726.9646
Worker	3.9299	1.9922	24.8948	0.1026	16.6289	0.0662	16.6951	4.4110	0.0609	4.4719		10,242.2816	10,242.2816	0.1346		10,245.6455
<b>Total</b>	<b>5.1026</b>	<b>48.9109</b>	<b>36.0597</b>	<b>0.2502</b>	<b>20.5911</b>	<b>0.1170</b>	<b>20.7081</b>	<b>5.5509</b>	<b>0.1095</b>	<b>5.6603</b>		<b>25,949.1588</b>	<b>25,949.1588</b>	<b>0.9381</b>		<b>25,972.6101</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2032**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1727	46.9187	11.1649	0.1476	3.9622	0.0508	4.0130	1.1399	0.0486	1.1885		15,706.87 73	15,706.87 73	0.8035		15,726.96 46
Worker	3.9299	1.9922	24.8948	0.1026	16.6289	0.0662	16.6951	4.4110	0.0609	4.4719		10,242.28 16	10,242.28 16	0.1346		10,245.64 55
<b>Total</b>	<b>5.1026</b>	<b>48.9109</b>	<b>36.0597</b>	<b>0.2502</b>	<b>20.5911</b>	<b>0.1170</b>	<b>20.7081</b>	<b>5.5509</b>	<b>0.1095</b>	<b>5.6603</b>		<b>25,949.15 88</b>	<b>25,949.15 88</b>	<b>0.9381</b>		<b>25,972.61 01</b>

**3.5 Building Construction - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1519	46.4342	10.9800	0.1473	3.9621	0.0489	4.0110	1.1399	0.0467	1.1866		15,672.5748	15,672.5748	0.7970		15,692.4997
Worker	3.6607	1.8499	23.5196	0.1007	16.6289	0.0618	16.6906	4.4110	0.0568	4.4678		10,050.7366	10,050.7366	0.1242		10,053.8404
<b>Total</b>	<b>4.8126</b>	<b>48.2841</b>	<b>34.4996</b>	<b>0.2480</b>	<b>20.5910</b>	<b>0.1106</b>	<b>20.7016</b>	<b>5.5508</b>	<b>0.1035</b>	<b>5.6544</b>		<b>25,723.3114</b>	<b>25,723.3114</b>	<b>0.9212</b>		<b>25,746.3401</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>



West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.5 Building Construction - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1519	46.4342	10.9800	0.1473	3.9621	0.0489	4.0110	1.1399	0.0467	1.1866		15,672.5748	15,672.5748	0.7970		15,692.4997
Worker	3.6607	1.8499	23.5196	0.1007	16.6289	0.0618	16.6906	4.4110	0.0568	4.4678		10,050.7366	10,050.7366	0.1242		10,053.8404
<b>Total</b>	<b>4.8126</b>	<b>48.2841</b>	<b>34.4996</b>	<b>0.2480</b>	<b>20.5910</b>	<b>0.1106</b>	<b>20.7016</b>	<b>5.5508</b>	<b>0.1035</b>	<b>5.6544</b>		<b>25,723.3114</b>	<b>25,723.3114</b>	<b>0.9212</b>		<b>25,746.3401</b>

**3.6 Paving - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3845</b>	<b>7.1202</b>	<b>15.8495</b>	<b>0.0281</b>		<b>0.3306</b>	<b>0.3306</b>		<b>0.3306</b>	<b>0.3306</b>		<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.1245</b>		<b>2,659.6302</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.6 Paving - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0251	0.0127	0.1614	6.9000e-004	0.1141	4.2000e-004	0.1145	0.0303	3.9000e-004	0.0307		68.9666	68.9666	8.5000e-004		68.9879
<b>Total</b>	<b>0.0251</b>	<b>0.0127</b>	<b>0.1614</b>	<b>6.9000e-004</b>	<b>0.1141</b>	<b>4.2000e-004</b>	<b>0.1145</b>	<b>0.0303</b>	<b>3.9000e-004</b>	<b>0.0307</b>		<b>68.9666</b>	<b>68.9666</b>	<b>8.5000e-004</b>		<b>68.9879</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3845</b>	<b>7.1202</b>	<b>15.8495</b>	<b>0.0281</b>		<b>0.3306</b>	<b>0.3306</b>		<b>0.3306</b>	<b>0.3306</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.1245</b>		<b>2,659.6302</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.6 Paving - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0251	0.0127	0.1614	6.9000e-004	0.1141	4.2000e-004	0.1145	0.0303	3.9000e-004	0.0307		68.9666	68.9666	8.5000e-004		68.9879
<b>Total</b>	<b>0.0251</b>	<b>0.0127</b>	<b>0.1614</b>	<b>6.9000e-004</b>	<b>0.1141</b>	<b>4.2000e-004</b>	<b>0.1145</b>	<b>0.0303</b>	<b>3.9000e-004</b>	<b>0.0307</b>		<b>68.9666</b>	<b>68.9666</b>	<b>8.5000e-004</b>		<b>68.9879</b>

**3.6 Paving - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3845</b>	<b>7.1202</b>	<b>15.8495</b>	<b>0.0281</b>		<b>0.3306</b>	<b>0.3306</b>		<b>0.3306</b>	<b>0.3306</b>		<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.1245</b>		<b>2,659.6302</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.6 Paving - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0235	0.0119	0.1525	6.8000e-004	0.1141	4.0000e-004	0.1145	0.0303	3.6000e-004	0.0306		67.8311	67.8311	7.9000e-004		67.8507
<b>Total</b>	<b>0.0235</b>	<b>0.0119</b>	<b>0.1525</b>	<b>6.8000e-004</b>	<b>0.1141</b>	<b>4.0000e-004</b>	<b>0.1145</b>	<b>0.0303</b>	<b>3.6000e-004</b>	<b>0.0306</b>		<b>67.8311</b>	<b>67.8311</b>	<b>7.9000e-004</b>		<b>67.8507</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3845</b>	<b>7.1202</b>	<b>15.8495</b>	<b>0.0281</b>		<b>0.3306</b>	<b>0.3306</b>		<b>0.3306</b>	<b>0.3306</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.1245</b>		<b>2,659.6302</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.6 Paving - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0235	0.0119	0.1525	6.8000e-004	0.1141	4.0000e-004	0.1145	0.0303	3.6000e-004	0.0306		67.8311	67.8311	7.9000e-004		67.8507
<b>Total</b>	<b>0.0235</b>	<b>0.0119</b>	<b>0.1525</b>	<b>6.8000e-004</b>	<b>0.1141</b>	<b>4.0000e-004</b>	<b>0.1145</b>	<b>0.0303</b>	<b>3.6000e-004</b>	<b>0.0306</b>		<b>67.8311</b>	<b>67.8311</b>	<b>7.9000e-004</b>		<b>67.8507</b>

**3.7 Architectural Coating - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	87.1315					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>87.2622</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.7 Architectural Coating - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6847	0.3455	4.4416	0.0198	3.3243	0.0115	3.3358	0.8818	0.0106	0.8924		1,976.146 3	1,976.146 3	0.0229		1,976.718 2
<b>Total</b>	<b>0.6847</b>	<b>0.3455</b>	<b>4.4416</b>	<b>0.0198</b>	<b>3.3243</b>	<b>0.0115</b>	<b>3.3358</b>	<b>0.8818</b>	<b>0.0106</b>	<b>0.8924</b>		<b>1,976.146 3</b>	<b>1,976.146 3</b>	<b>0.0229</b>		<b>1,976.718 2</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	87.1315					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>87.2622</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.7 Architectural Coating - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6847	0.3455	4.4416	0.0198	3.3243	0.0115	3.3358	0.8818	0.0106	0.8924		1,976.146 3	1,976.146 3	0.0229		1,976.718 2
<b>Total</b>	<b>0.6847</b>	<b>0.3455</b>	<b>4.4416</b>	<b>0.0198</b>	<b>3.3243</b>	<b>0.0115</b>	<b>3.3358</b>	<b>0.8818</b>	<b>0.0106</b>	<b>0.8924</b>		<b>1,976.146 3</b>	<b>1,976.146 3</b>	<b>0.0229</b>		<b>1,976.718 2</b>

**3.7 Architectural Coating - 2035**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	87.1315					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
<b>Total</b>	<b>87.2494</b>	<b>0.7577</b>	<b>1.7943</b>	<b>2.9700e-003</b>		<b>9.9000e-003</b>	<b>9.9000e-003</b>		<b>9.9000e-003</b>	<b>9.9000e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0104</b>		<b>281.7081</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.7 Architectural Coating - 2035**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6440	0.3266	4.2191	0.0195	3.3243	0.0108	3.3350	0.8818	9.9100e-003	0.8917		1,948.0164	1,948.0164	0.0212		1,948.5472
<b>Total</b>	<b>0.6440</b>	<b>0.3266</b>	<b>4.2191</b>	<b>0.0195</b>	<b>3.3243</b>	<b>0.0108</b>	<b>3.3350</b>	<b>0.8818</b>	<b>9.9100e-003</b>	<b>0.8917</b>		<b>1,948.0164</b>	<b>1,948.0164</b>	<b>0.0212</b>		<b>1,948.5472</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	87.1315					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
<b>Total</b>	<b>87.2494</b>	<b>0.7577</b>	<b>1.7943</b>	<b>2.9700e-003</b>		<b>9.9000e-003</b>	<b>9.9000e-003</b>		<b>9.9000e-003</b>	<b>9.9000e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0104</b>		<b>281.7081</b>



West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**3.7 Architectural Coating - 2035**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6440	0.3266	4.2191	0.0195	3.3243	0.0108	3.3350	0.8818	9.9100e-003	0.8917		1,948.0164	1,948.0164	0.0212		1,948.5472
<b>Total</b>	<b>0.6440</b>	<b>0.3266</b>	<b>4.2191</b>	<b>0.0195</b>	<b>3.3243</b>	<b>0.0108</b>	<b>3.3350</b>	<b>0.8818</b>	<b>9.9100e-003</b>	<b>0.8917</b>		<b>1,948.0164</b>	<b>1,948.0164</b>	<b>0.0212</b>		<b>1,948.5472</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	10.2697	58.5826	125.5147	0.5496	67.5794	0.2922	67.8716	18.0427	0.2715	18.3142		56,100.59 34	56,100.59 34	2.2104		56,155.85 35
Unmitigated	10.2697	58.5826	125.5147	0.5496	67.5794	0.2922	67.8716	18.0427	0.2715	18.3142		56,100.59 34	56,100.59 34	2.2104		56,155.85 35

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	7,334.67	7,969.08	6755.91	15,510,917	15,510,917
City Park	118.50	1,426.43	1049.60	814,524	814,524
Elementary School	1,535.29	0.00	0.00	2,306,054	2,306,054
General Light Industry	181.57	34.39	17.71	379,280	379,280
General Light Industry	2,885.23	546.41	281.49	6,026,986	6,026,986
Racquet Club	70.15	106.75	87.00	102,710	102,710
Racquet Club	291.82	444.08	361.92	427,275	427,275
<b>Total</b>	<b>12,417.23</b>	<b>10,527.14</b>	<b>8,553.63</b>	<b>25,567,746</b>	<b>25,567,746</b>

4.3 Trip Type Information

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	6.98	5.00	6.50	46.50	12.50	41.00	86	11	3
City Park	10.15	5.00	6.50	33.00	48.00	19.00	66	28	6
Elementary School	10.00	5.00	6.50	65.00	30.00	5.00	63	25	12
General Light Industry	10.00	5.00	6.50	59.00	28.00	13.00	92	5	3
General Light Industry	10.00	5.00	6.50	59.00	28.00	13.00	92	5	3
Racquet Club	10.00	5.00	6.50	11.50	69.50	19.00	52	39	9
Racquet Club	10.00	5.00	6.50	11.50	69.50	19.00	52	39	9

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
City Park	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Elementary School	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
General Light Industry	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Racquet Club	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.9355	8.2876	5.5524	0.0510		0.6464	0.6464		0.6464	0.6464		10,205.4957	10,205.4957	0.1956	0.1871	10,266.1419
NaturalGas Unmitigated	0.9355	8.2876	5.5524	0.0510		0.6464	0.6464		0.6464	0.6464		10,205.4957	10,205.4957	0.1956	0.1871	10,266.1419

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	36892.8	0.3979	3.3999	1.4468	0.0217		0.2749	0.2749		0.2749	0.2749		4,340.3319	4,340.3319	0.0832	0.0796	4,366.1243
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	4161.27	0.0449	0.4080	0.3427	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.5611	489.5611	9.3800e-003	8.9800e-003	492.4703
General Light Industry	2554.91	0.0276	0.2505	0.2104	1.5000e-003		0.0190	0.0190		0.0190	0.0190		300.5777	300.5777	5.7600e-003	5.5100e-003	302.3638
General Light Industry	40606.8	0.4379	3.9811	3.3441	0.0239		0.3026	0.3026		0.3026	0.3026		4,777.2748	4,777.2748	0.0916	0.0876	4,805.6638
Racquet Club	2040.4	0.0220	0.2000	0.1680	1.2000e-003		0.0152	0.0152		0.0152	0.0152		240.0467	240.0467	4.6000e-003	4.4000e-003	241.4731
Racquet Club	490.48	5.2900e-003	0.0481	0.0404	2.9000e-004		3.6500e-003	3.6500e-003		3.6500e-003	3.6500e-003		57.7035	57.7035	1.1100e-003	1.0600e-003	58.0464
<b>Total</b>		<b>0.9355</b>	<b>8.2876</b>	<b>5.5524</b>	<b>0.0510</b>		<b>0.6464</b>	<b>0.6464</b>		<b>0.6464</b>	<b>0.6464</b>		<b>10,205.4957</b>	<b>10,205.4957</b>	<b>0.1956</b>	<b>0.1871</b>	<b>10,266.1419</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	36.8928	0.3979	3.3999	1.4468	0.0217		0.2749	0.2749		0.2749	0.2749		4,340.3319	4,340.3319	0.0832	0.0796	4,366.1243
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	4.16127	0.0449	0.4080	0.3427	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.5611	489.5611	9.3800e-003	8.9800e-003	492.4703
General Light Industry	2.55491	0.0276	0.2505	0.2104	1.5000e-003		0.0190	0.0190		0.0190	0.0190		300.5777	300.5777	5.7600e-003	5.5100e-003	302.3638
General Light Industry	40.6068	0.4379	3.9811	3.3441	0.0239		0.3026	0.3026		0.3026	0.3026		4,777.2748	4,777.2748	0.0916	0.0876	4,805.6638
Racquet Club	0.49048	5.2900e-003	0.0481	0.0404	2.9000e-004		3.6500e-003	3.6500e-003		3.6500e-003	3.6500e-003		57.7035	57.7035	1.1100e-003	1.0600e-003	58.0464
Racquet Club	2.0404	0.0220	0.2000	0.1680	1.2000e-003		0.0152	0.0152		0.0152	0.0152		240.0467	240.0467	4.6000e-003	4.4000e-003	241.4731
<b>Total</b>		<b>0.9355</b>	<b>8.2876</b>	<b>5.5524</b>	<b>0.0510</b>		<b>0.6464</b>	<b>0.6464</b>		<b>0.6464</b>	<b>0.6464</b>		<b>10,205.4957</b>	<b>10,205.4957</b>	<b>0.1956</b>	<b>0.1871</b>	<b>10,266.1419</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	44.0497	1.0562	91.5649	4.8500e-003		0.5094	0.5094		0.5094	0.5094	0.0000	165.4762	165.4762	0.1578	0.0000	169.4198
Unmitigated	44.0497	1.0562	91.5649	4.8500e-003		0.5094	0.5094		0.5094	0.5094	0.0000	165.4762	165.4762	0.1578	0.0000	169.4198

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	5.2518					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	36.0562					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.7417	1.0562	91.5649	4.8500e-003		0.5094	0.5094		0.5094	0.5094		165.4762	165.4762	0.1578		169.4198
<b>Total</b>	<b>44.0497</b>	<b>1.0562</b>	<b>91.5649</b>	<b>4.8500e-003</b>		<b>0.5094</b>	<b>0.5094</b>		<b>0.5094</b>	<b>0.5094</b>	<b>0.0000</b>	<b>165.4762</b>	<b>165.4762</b>	<b>0.1578</b>	<b>0.0000</b>	<b>169.4198</b>

West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	5.2518					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	36.0562					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.7417	1.0562	91.5649	4.8500e-003		0.5094	0.5094		0.5094	0.5094		165.4762	165.4762	0.1578		169.4198
<b>Total</b>	<b>44.0497</b>	<b>1.0562</b>	<b>91.5649</b>	<b>4.8500e-003</b>		<b>0.5094</b>	<b>0.5094</b>		<b>0.5094</b>	<b>0.5094</b>	<b>0.0000</b>	<b>165.4762</b>	<b>165.4762</b>	<b>0.1578</b>	<b>0.0000</b>	<b>169.4198</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

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West Broadway AQ Existing Conditions Op. - Sacramento County, Winter

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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West Broadway Future\_Default - Sacramento County, Annual

**West Broadway Future\_Default  
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**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	99.50	1000sqft	2.28	99,500.00	0
General Light Industry	185.20	1000sqft	4.25	185,200.00	0
City Park	79.50	Acre	79.50	3,463,020.00	0
Racquet Club	63.00	1000sqft	1.45	63,000.00	0
Apartments Low Rise	1,665.00	Dwelling Unit	104.06	1,665,000.00	4446
Apartments Mid Rise	3,085.00	Dwelling Unit	81.18	3,085,000.00	8237
Condo/Townhouse	150.00	Dwelling Unit	9.38	150,000.00	401
Regional Shopping Center	244.02	1000sqft	5.60	244,020.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.5	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	6			<b>Operational Year</b>	2035
<b>Utility Company</b>	Sacramento Municipal Utility District				
<b>CO2 Intensity (lb/MWhr)</b>	143.85	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

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Vehicle Trips -

Project Characteristics -

Mobile Land Use Mitigation -

Table Name	Column Name	Default Value	New Value
tblEnergyUse	T24E	511.12	240.23
tblEnergyUse	T24E	460.92	428.66
tblEnergyUse	T24E	381.61	354.90
tblEnergyUse	T24E	3.41	2.40
tblEnergyUse	T24E	3.26	2.30
tblEnergyUse	T24NG	9,411.72	8,752.90
tblProjectCharacteristics	CO2IntensityFactor	590.31	143.85

## 2.0 Emissions Summary

### 2.1 Overall Construction

#### Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.4447	4.4848	2.9336	5.5800e-003	0.1254	0.2179	0.3433	0.0217	0.2025	0.2242	0.0000	492.9156	492.9156	0.1281	0.0000	496.1183
2021	0.5087	5.2624	3.0406	5.7100e-003	2.4108	0.2563	2.6671	1.0400	0.2361	1.2761	0.0000	502.3455	502.3455	0.1541	0.0000	506.1974
2022	0.4796	5.0549	3.8359	8.2400e-003	1.4184	0.2127	1.6311	0.5020	0.1957	0.6976	0.0000	724.7075	724.7075	0.2297	0.0000	730.4493
2023	1.2582	8.7494	9.8508	0.0367	3.3302	0.1691	3.4993	0.9346	0.1565	1.0911	0.0000	3,381.914 3	3,381.914 3	0.2721	0.0000	3,388.716 2

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	2.4778	15.4216	18.8553	0.0825	5.9193	0.1303	6.0496	1.5953	0.1222	1.7175	0.0000	7,659.979 2	7,659.979 2	0.3334	0.0000	7,668.313 2
2025	2.3332	14.9008	17.6099	0.0803	5.8966	0.1171	6.0138	1.5891	0.1098	1.6990	0.0000	7,458.451 2	7,458.451 2	0.3220	0.0000	7,466.499 9
2026	2.2257	14.5924	16.6078	0.0786	5.8966	0.1153	6.0119	1.5891	0.1081	1.6972	0.0000	7,303.708 0	7,303.708 0	0.3134	0.0000	7,311.5434
2027	2.1217	14.3107	15.7078	0.0770	5.8965	0.1130	6.0095	1.5891	0.1060	1.6950	0.0000	7,164.330 7	7,164.330 7	0.3056	0.0000	7,171.970 2
2028	2.0079	14.0142	14.8617	0.0753	5.8739	0.1100	5.9838	1.5830	0.1031	1.6861	0.0000	7,014.240 4	7,014.240 4	0.2974	0.0000	7,021.674 9
2029	1.9017	13.8384	14.1738	0.0744	5.8964	0.1078	6.0042	1.5891	0.1011	1.6902	0.0000	6,931.744 3	6,931.744 3	0.2917	0.0000	6,939.037 5
2030	1.7846	13.0338	13.5195	0.0739	5.8964	0.0559	5.9522	1.5890	0.0534	1.6425	0.0000	6,875.519 3	6,875.519 3	0.2280	0.0000	6,881.219 4
2031	1.6701	12.8385	12.8956	0.0729	5.8963	0.0536	5.9499	1.5890	0.0513	1.6403	0.0000	6,791.105 4	6,791.105 4	0.2222	0.0000	6,796.660 7
2032	1.5743	12.7095	12.3985	0.0724	5.9189	0.0518	5.9707	1.5951	0.0496	1.6447	0.0000	6,743.912 4	6,743.912 4	0.2180	0.0000	6,749.361 9
2033	1.4794	12.4586	11.8468	0.0711	5.8737	0.0496	5.9233	1.5829	0.0476	1.6305	0.0000	6,629.699 6	6,629.699 6	0.2120	0.0000	6,635.000 5
2034	1.4062	12.3190	11.4158	0.0705	5.8736	0.0479	5.9216	1.5829	0.0460	1.6289	0.0000	6,575.693 4	6,575.693 4	0.2080	0.0000	6,580.894 3
2035	1.3358	12.1449	11.0853	0.0703	5.8962	0.0391	5.9353	1.5890	0.0373	1.6262	0.0000	6,555.053 7	6,555.053 7	0.2043	0.0000	6,560.162 2
2036	1.3409	12.1914	11.1277	0.0706	5.9188	0.0392	5.9580	1.5951	0.0374	1.6325	0.0000	6,580.168 8	6,580.168 8	0.2051	0.0000	6,585.296 9
2037	1.3358	12.1449	11.0853	0.0703	5.8962	0.0391	5.9353	1.5890	0.0373	1.6262	0.0000	6,555.053 7	6,555.053 7	0.2043	0.0000	6,560.162 2
2038	1.3358	12.1449	11.0853	0.0703	5.8962	0.0391	5.9353	1.5890	0.0373	1.6262	0.0000	6,555.053 7	6,555.053 7	0.2043	0.0000	6,560.162 2
2039	1.3307	12.0983	11.0428	0.0700	5.8736	0.0389	5.9125	1.5829	0.0371	1.6200	0.0000	6,529.938 5	6,529.938 5	0.2036	0.0000	6,535.027 5
2040	1.1018	11.7134	9.9419	0.0688	5.8961	0.0322	5.9283	1.5890	0.0307	1.6197	0.0000	6,421.951 0	6,421.951 0	0.1922	0.0000	6,426.755 4
2041	0.5641	5.4717	5.5743	0.0327	2.6285	0.0228	2.6513	0.7083	0.0221	0.7304	0.0000	3,033.251 7	3,033.251 7	0.0913	0.0000	3,035.534 7

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2042	7.8331	0.3882	1.8685	4.5100e-003	0.3007	0.0118	0.3125	0.0800	0.0118	0.0917	0.0000	395.6425	395.6425	9.2700e-003	0.0000	395.8742
2043	25.8618	0.1645	1.3167	6.1900e-003	0.9710	3.4400e-003	0.9744	0.2583	3.2400e-003	0.2615	0.0000	558.7927	558.7927	5.7700e-003	0.0000	558.9369
<b>Maximum</b>	<b>25.8618</b>	<b>15.4216</b>	<b>18.8553</b>	<b>0.0825</b>	<b>5.9193</b>	<b>0.2563</b>	<b>6.0496</b>	<b>1.5953</b>	<b>0.2361</b>	<b>1.7175</b>	<b>0.0000</b>	<b>7,659.979 2</b>	<b>7,659.979 2</b>	<b>0.3334</b>	<b>0.0000</b>	<b>7,668.313 2</b>

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.4447	4.4848	2.9335	5.5800e-003	0.1254	0.2179	0.3433	0.0217	0.2025	0.2242	0.0000	492.9151	492.9151	0.1281	0.0000	496.1178
2021	0.5087	5.2624	3.0406	5.7100e-003	2.4108	0.2563	2.6671	1.0400	0.2361	1.2761	0.0000	502.3450	502.3450	0.1541	0.0000	506.1968
2022	0.4796	5.0549	3.8359	8.2400e-003	1.4184	0.2127	1.6311	0.5020	0.1957	0.6976	0.0000	724.7066	724.7066	0.2297	0.0000	730.4485
2023	1.2582	8.7494	9.8508	0.0367	3.3302	0.1691	3.4993	0.9346	0.1565	1.0911	0.0000	3,381.913 6	3,381.913 6	0.2721	0.0000	3,388.715 5
2024	2.4778	15.4216	18.8553	0.0825	5.9193	0.1303	6.0496	1.5953	0.1222	1.7175	0.0000	7,659.978 8	7,659.978 8	0.3334	0.0000	7,668.312 8
2025	2.3332	14.9008	17.6099	0.0803	5.8966	0.1171	6.0138	1.5891	0.1098	1.6990	0.0000	7,458.450 9	7,458.450 9	0.3220	0.0000	7,466.499 6
2026	2.2257	14.5924	16.6078	0.0786	5.8966	0.1153	6.0119	1.5891	0.1081	1.6972	0.0000	7,303.707 6	7,303.707 6	0.3134	0.0000	7,311.5431
2027	2.1217	14.3107	15.7078	0.0770	5.8965	0.1130	6.0095	1.5891	0.1060	1.6950	0.0000	7,164.330 4	7,164.330 4	0.3056	0.0000	7,171.969 8
2028	2.0079	14.0142	14.8617	0.0753	5.8739	0.1100	5.9838	1.5830	0.1031	1.6861	0.0000	7,014.240 0	7,014.240 0	0.2974	0.0000	7,021.674 5

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2029	1.9017	13.8384	14.1738	0.0744	5.8964	0.1078	6.0042	1.5891	0.1011	1.6902	0.0000	6,931.744 0	6,931.744 0	0.2917	0.0000	6,939.037 1
2030	1.7846	13.0338	13.5195	0.0739	5.8964	0.0559	5.9522	1.5890	0.0534	1.6425	0.0000	6,875.518 9	6,875.518 9	0.2280	0.0000	6,881.219 0
2031	1.6701	12.8385	12.8956	0.0729	5.8963	0.0536	5.9499	1.5890	0.0513	1.6403	0.0000	6,791.105 0	6,791.105 0	0.2222	0.0000	6,796.660 3
2032	1.5743	12.7095	12.3985	0.0724	5.9189	0.0518	5.9707	1.5951	0.0496	1.6447	0.0000	6,743.912 0	6,743.912 0	0.2180	0.0000	6,749.361 5
2033	1.4794	12.4586	11.8468	0.0711	5.8737	0.0496	5.9233	1.5829	0.0476	1.6305	0.0000	6,629.699 2	6,629.699 2	0.2120	0.0000	6,635.000 1
2034	1.4062	12.3190	11.4158	0.0705	5.8736	0.0479	5.9216	1.5829	0.0460	1.6289	0.0000	6,575.693 0	6,575.693 0	0.2080	0.0000	6,580.893 9
2035	1.3358	12.1449	11.0853	0.0703	5.8962	0.0391	5.9353	1.5890	0.0373	1.6262	0.0000	6,555.053 3	6,555.053 3	0.2043	0.0000	6,560.161 8
2036	1.3409	12.1914	11.1277	0.0706	5.9188	0.0392	5.9580	1.5951	0.0374	1.6325	0.0000	6,580.168 4	6,580.168 4	0.2051	0.0000	6,585.296 5
2037	1.3358	12.1449	11.0853	0.0703	5.8962	0.0391	5.9353	1.5890	0.0373	1.6262	0.0000	6,555.053 3	6,555.053 3	0.2043	0.0000	6,560.161 8
2038	1.3358	12.1449	11.0853	0.0703	5.8962	0.0391	5.9353	1.5890	0.0373	1.6262	0.0000	6,555.053 3	6,555.053 3	0.2043	0.0000	6,560.161 8
2039	1.3307	12.0983	11.0428	0.0700	5.8736	0.0389	5.9125	1.5829	0.0371	1.6200	0.0000	6,529.938 1	6,529.938 1	0.2036	0.0000	6,535.027 0
2040	1.1018	11.7134	9.9418	0.0688	5.8961	0.0322	5.9283	1.5890	0.0307	1.6197	0.0000	6,421.950 6	6,421.950 6	0.1922	0.0000	6,426.755 0
2041	0.5641	5.4717	5.5743	0.0327	2.6285	0.0228	2.6513	0.7083	0.0221	0.7304	0.0000	3,033.251 3	3,033.251 3	0.0913	0.0000	3,035.534 4
2042	7.8331	0.3882	1.8685	4.5100e-003	0.3007	0.0118	0.3125	0.0800	0.0118	0.0917	0.0000	395.6422	395.6422	9.2700e-003	0.0000	395.8739
2043	25.8618	0.1645	1.3167	6.1900e-003	0.9710	3.4400e-003	0.9744	0.2583	3.2400e-003	0.2615	0.0000	558.7927	558.7927	5.7700e-003	0.0000	558.9368
<b>Maximum</b>	<b>25.8618</b>	<b>15.4216</b>	<b>18.8553</b>	<b>0.0825</b>	<b>5.9193</b>	<b>0.2563</b>	<b>6.0496</b>	<b>1.5953</b>	<b>0.2361</b>	<b>1.7175</b>	<b>0.0000</b>	<b>7,659.978 8</b>	<b>7,659.978 8</b>	<b>0.3334</b>	<b>0.0000</b>	<b>7,668.312 8</b>

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2020	3-31-2020	1.2234	1.2234
2	4-1-2020	6-30-2020	1.2220	1.2220
3	7-1-2020	9-30-2020	1.2354	1.2354
4	10-1-2020	12-31-2020	1.2369	1.2369
5	1-1-2021	3-31-2021	1.2595	1.2595
6	4-1-2021	6-30-2021	1.4461	1.4461
7	7-1-2021	9-30-2021	1.4620	1.4620
8	10-1-2021	12-31-2021	1.5931	1.5931
9	1-1-2022	3-31-2022	1.3687	1.3687
10	4-1-2022	6-30-2022	1.3839	1.3839
11	7-1-2022	9-30-2022	1.3991	1.3991
12	10-1-2022	12-31-2022	1.3992	1.3992
13	1-1-2023	3-31-2023	1.2196	1.2196
14	4-1-2023	6-30-2023	1.2331	1.2331
15	7-1-2023	9-30-2023	2.9518	2.9518
16	10-1-2023	12-31-2023	4.7158	4.7158
17	1-1-2024	3-31-2024	4.5005	4.5005
18	4-1-2024	6-30-2024	4.4467	4.4467
19	7-1-2024	9-30-2024	4.4955	4.4955
20	10-1-2024	12-31-2024	4.5500	4.5500
21	1-1-2025	3-31-2025	4.2998	4.2998
22	4-1-2025	6-30-2025	4.2975	4.2975
23	7-1-2025	9-30-2025	4.3447	4.3447

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24	10-1-2025	12-31-2025	4.3953	4.3953
25	1-1-2026	3-31-2026	4.1940	4.1940
26	4-1-2026	6-30-2026	4.1933	4.1933
27	7-1-2026	9-30-2026	4.2394	4.2394
28	10-1-2026	12-31-2026	4.2872	4.2872
29	1-1-2027	3-31-2027	4.0957	4.0957
30	4-1-2027	6-30-2027	4.0966	4.0966
31	7-1-2027	9-30-2027	4.1416	4.1416
32	10-1-2027	12-31-2027	4.1867	4.1867
33	1-1-2028	3-31-2028	4.0511	4.0511
34	4-1-2028	6-30-2028	4.0087	4.0087
35	7-1-2028	9-30-2028	4.0527	4.0527
36	10-1-2028	12-31-2028	4.0956	4.0956
37	1-1-2029	3-31-2029	3.9186	3.9186
38	4-1-2029	6-30-2029	3.9217	3.9217
39	7-1-2029	9-30-2029	3.9648	3.9648
40	10-1-2029	12-31-2029	4.0057	4.0057
41	1-1-2030	3-31-2030	3.6884	3.6884
42	4-1-2030	6-30-2030	3.6905	3.6905
43	7-1-2030	9-30-2030	3.7311	3.7311
44	10-1-2030	12-31-2030	3.7704	3.7704
45	1-1-2031	3-31-2031	3.6088	3.6088
46	4-1-2031	6-30-2031	3.6116	3.6116
47	7-1-2031	9-30-2031	3.6512	3.6512
48	10-1-2031	12-31-2031	3.6890	3.6890
49	1-1-2032	3-31-2032	3.5765	3.5765
50	4-1-2032	6-30-2032	3.5401	3.5401



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51	7-1-2032	9-30-2032	3.5790	3.5790
52	10-1-2032	12-31-2032	3.6158	3.6158
53	1-1-2033	3-31-2033	3.4764	3.4764
54	4-1-2033	6-30-2033	3.4793	3.4793
55	7-1-2033	9-30-2033	3.5175	3.5175
56	10-1-2033	12-31-2033	3.5537	3.5537
57	1-1-2034	3-31-2034	3.4219	3.4219
58	4-1-2034	6-30-2034	3.4241	3.4241
59	7-1-2034	9-30-2034	3.4617	3.4617
60	10-1-2034	12-31-2034	3.4980	3.4980
61	1-1-2035	3-31-2035	3.3472	3.3472
62	4-1-2035	6-30-2035	3.3483	3.3483
63	7-1-2035	9-30-2035	3.3851	3.3851
64	10-1-2035	12-31-2035	3.4216	3.4216
65	1-1-2036	3-31-2036	3.3844	3.3844
66	4-1-2036	6-30-2036	3.3483	3.3483
67	7-1-2036	9-30-2036	3.3851	3.3851
68	10-1-2036	12-31-2036	3.4216	3.4216
69	1-1-2037	3-31-2037	3.3472	3.3472
70	4-1-2037	6-30-2037	3.3483	3.3483
71	7-1-2037	9-30-2037	3.3851	3.3851
72	10-1-2037	12-31-2037	3.4216	3.4216
73	1-1-2038	3-31-2038	3.3472	3.3472
74	4-1-2038	6-30-2038	3.3483	3.3483
75	7-1-2038	9-30-2038	3.3851	3.3851
76	10-1-2038	12-31-2038	3.4216	3.4216
77	1-1-2039	3-31-2039	3.3472	3.3472

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78	4-1-2039	6-30-2039	3.3483	3.3483
79	7-1-2039	9-30-2039	3.3851	3.3851
80	10-1-2039	12-31-2039	3.4216	3.4216
81	1-1-2040	3-31-2040	3.2133	3.2133
82	4-1-2040	6-30-2040	3.1753	3.1753
83	7-1-2040	9-30-2040	3.2102	3.2102
84	10-1-2040	12-31-2040	3.2486	3.2486
85	1-1-2041	3-31-2041	3.1780	3.1780
86	4-1-2041	6-30-2041	2.5442	2.5442
87	7-1-2041	9-30-2041	0.1542	0.1542
88	10-1-2041	12-31-2041	0.1542	0.1542
89	1-1-2042	3-31-2042	0.1509	0.1509
90	4-1-2042	6-30-2042	0.1525	0.1525
91	7-1-2042	9-30-2042	1.1558	1.1558
92	10-1-2042	12-31-2042	6.7389	6.7389
93	1-1-2043	3-31-2043	6.5924	6.5924
94	4-1-2043	6-30-2043	6.6628	6.6628
95	7-1-2043	9-30-2043	6.7360	6.7360
		Highest	6.7389	6.7389

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**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	26.3271	0.5810	50.3629	2.6700e-003		0.2803	0.2803		0.2803	0.2803	0.0000	82.5598	82.5598	0.0786	0.0000	84.5253
Energy	0.3447	2.9804	1.5066	0.0188		0.2382	0.2382		0.2382	0.2382	0.0000	5,229.3437	5,229.3437	0.4318	0.1384	5,281.3717
Mobile	6.4019	33.3224	71.1452	0.3300	38.4085	0.1703	38.5788	10.2837	0.1583	10.4419	0.0000	30,556.2781	30,556.2781	1.1389	0.0000	30,584.7516
Waste						0.0000	0.0000		0.0000	0.0000	656.7082	0.0000	656.7082	38.8104	0.0000	1,626.9669
Water						0.0000	0.0000		0.0000	0.0000	136.8393	198.0850	334.9243	0.5109	0.3058	438.8385
<b>Total</b>	<b>33.0738</b>	<b>36.8838</b>	<b>123.0147</b>	<b>0.3515</b>	<b>38.4085</b>	<b>0.6888</b>	<b>39.0972</b>	<b>10.2837</b>	<b>0.6767</b>	<b>10.9603</b>	<b>793.5476</b>	<b>36,066.2666</b>	<b>36,859.8141</b>	<b>40.9707</b>	<b>0.4442</b>	<b>38,016.4540</b>

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**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	26.3271	0.5810	50.3629	2.6700e-003		0.2803	0.2803		0.2803	0.2803	0.0000	82.5598	82.5598	0.0786	0.0000	84.5253
Energy	0.3447	2.9804	1.5066	0.0188		0.2382	0.2382		0.2382	0.2382	0.0000	5,229.3437	5,229.3437	0.4318	0.1384	5,281.3717
Mobile	6.3730	33.1809	70.4754	0.3264	37.9476	0.1686	38.1162	10.1602	0.1567	10.3169	0.0000	30,218.9321	30,218.9321	1.1290	0.0000	30,247.1560
Waste						0.0000	0.0000		0.0000	0.0000	656.7082	0.0000	656.7082	38.8104	0.0000	1,626.9669
Water						0.0000	0.0000		0.0000	0.0000	136.8393	198.0850	334.9243	0.5109	0.3058	438.8385
<b>Total</b>	<b>33.0448</b>	<b>36.7423</b>	<b>122.3449</b>	<b>0.3478</b>	<b>37.9476</b>	<b>0.6871</b>	<b>38.6346</b>	<b>10.1602</b>	<b>0.6751</b>	<b>10.8354</b>	<b>793.5476</b>	<b>35,728.9206</b>	<b>36,522.4682</b>	<b>40.9607</b>	<b>0.4442</b>	<b>37,678.8585</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>0.09</b>	<b>0.38</b>	<b>0.54</b>	<b>1.04</b>	<b>1.20</b>	<b>0.25</b>	<b>1.18</b>	<b>1.20</b>	<b>0.23</b>	<b>1.14</b>	<b>0.00</b>	<b>0.94</b>	<b>0.92</b>	<b>0.02</b>	<b>0.00</b>	<b>0.89</b>

**3.0 Construction Detail**

**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	2/23/2021	5	300	
2	Site Preparation	Site Preparation	2/24/2021	11/2/2021	5	180	
3	Grading	Grading	11/3/2021	8/15/2023	5	465	
4	Building Construction	Building Construction	8/16/2023	6/11/2041	5	4650	
5	Paving	Paving	6/12/2041	9/16/2042	5	330	
6	Architectural Coating	Architectural Coating	9/17/2042	12/22/2043	5	330	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 1162.5**

**Acres of Paving: 0**

**Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 887,580; Non-Residential Outdoor: 295,860; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

## West Broadway Future\_Default - Sacramento County, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	1,040.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,207.00	1,188.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,041.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1025	0.0000	0.1025	0.0155	0.0000	0.0155	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4339	4.3493	2.8497	5.0800e-003		0.2173	0.2173		0.2020	0.2020	0.0000	445.3818	445.3818	0.1257	0.0000	448.5250
<b>Total</b>	<b>0.4339</b>	<b>4.3493</b>	<b>2.8497</b>	<b>5.0800e-003</b>	<b>0.1025</b>	<b>0.2173</b>	<b>0.3198</b>	<b>0.0155</b>	<b>0.2020</b>	<b>0.2175</b>	<b>0.0000</b>	<b>445.3818</b>	<b>445.3818</b>	<b>0.1257</b>	<b>0.0000</b>	<b>448.5250</b>

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**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.4900e-003	0.1305	0.0295	3.6000e-004	8.5000e-003	4.7000e-004	8.9700e-003	2.3100e-003	4.5000e-004	2.7600e-003	0.0000	34.7469	34.7469	2.0200e-003	0.0000	34.7974
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3100e-003	4.9600e-003	0.0544	1.4000e-004	0.0144	1.0000e-004	0.0145	3.8400e-003	1.0000e-004	3.9300e-003	0.0000	12.7870	12.7870	3.6000e-004	0.0000	12.7960
<b>Total</b>	<b>0.0108</b>	<b>0.1354</b>	<b>0.0839</b>	<b>5.0000e-004</b>	<b>0.0229</b>	<b>5.7000e-004</b>	<b>0.0235</b>	<b>6.1500e-003</b>	<b>5.5000e-004</b>	<b>6.6900e-003</b>	<b>0.0000</b>	<b>47.5338</b>	<b>47.5338</b>	<b>2.3800e-003</b>	<b>0.0000</b>	<b>47.5934</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1025	0.0000	0.1025	0.0155	0.0000	0.0155	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4339	4.3493	2.8497	5.0800e-003		0.2173	0.2173		0.2020	0.2020	0.0000	445.3812	445.3812	0.1257	0.0000	448.5244
<b>Total</b>	<b>0.4339</b>	<b>4.3493</b>	<b>2.8497</b>	<b>5.0800e-003</b>	<b>0.1025</b>	<b>0.2173</b>	<b>0.3198</b>	<b>0.0155</b>	<b>0.2020</b>	<b>0.2175</b>	<b>0.0000</b>	<b>445.3812</b>	<b>445.3812</b>	<b>0.1257</b>	<b>0.0000</b>	<b>448.5244</b>



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**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.4900e-003	0.1305	0.0295	3.6000e-004	8.5000e-003	4.7000e-004	8.9700e-003	2.3100e-003	4.5000e-004	2.7600e-003	0.0000	34.7469	34.7469	2.0200e-003	0.0000	34.7974
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3100e-003	4.9600e-003	0.0544	1.4000e-004	0.0144	1.0000e-004	0.0145	3.8400e-003	1.0000e-004	3.9300e-003	0.0000	12.7870	12.7870	3.6000e-004	0.0000	12.7960
<b>Total</b>	<b>0.0108</b>	<b>0.1354</b>	<b>0.0839</b>	<b>5.0000e-004</b>	<b>0.0229</b>	<b>5.7000e-004</b>	<b>0.0235</b>	<b>6.1500e-003</b>	<b>5.5000e-004</b>	<b>6.6900e-003</b>	<b>0.0000</b>	<b>47.5338</b>	<b>47.5338</b>	<b>2.3800e-003</b>	<b>0.0000</b>	<b>47.5934</b>

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0149	0.0000	0.0149	2.2500e-003	0.0000	2.2500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0601	0.5974	0.4097	7.4000e-004		0.0295	0.0295		0.0274	0.0274	0.0000	64.6015	64.6015	0.0182	0.0000	65.0561
<b>Total</b>	<b>0.0601</b>	<b>0.5974</b>	<b>0.4097</b>	<b>7.4000e-004</b>	<b>0.0149</b>	<b>0.0295</b>	<b>0.0444</b>	<b>2.2500e-003</b>	<b>0.0274</b>	<b>0.0296</b>	<b>0.0000</b>	<b>64.6015</b>	<b>64.6015</b>	<b>0.0182</b>	<b>0.0000</b>	<b>65.0561</b>

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**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.7000e-004	0.0174	3.9700e-003	5.0000e-005	6.8800e-003	6.0000e-005	6.9400e-003	1.7200e-003	6.0000e-005	1.7800e-003	0.0000	4.9811	4.9811	2.9000e-004	0.0000	4.9883
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.9000e-004	6.4000e-004	7.2100e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1100e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.7915	1.7915	5.0000e-005	0.0000	1.7926
<b>Total</b>	<b>1.4600e-003</b>	<b>0.0180</b>	<b>0.0112</b>	<b>7.0000e-005</b>	<b>8.9700e-003</b>	<b>7.0000e-005</b>	<b>9.0500e-003</b>	<b>2.2800e-003</b>	<b>7.0000e-005</b>	<b>2.3500e-003</b>	<b>0.0000</b>	<b>6.7725</b>	<b>6.7725</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>6.7809</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0149	0.0000	0.0149	2.2500e-003	0.0000	2.2500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0601	0.5974	0.4097	7.4000e-004		0.0295	0.0295		0.0274	0.0274	0.0000	64.6014	64.6014	0.0182	0.0000	65.0560
<b>Total</b>	<b>0.0601</b>	<b>0.5974</b>	<b>0.4097</b>	<b>7.4000e-004</b>	<b>0.0149</b>	<b>0.0295</b>	<b>0.0444</b>	<b>2.2500e-003</b>	<b>0.0274</b>	<b>0.0296</b>	<b>0.0000</b>	<b>64.6014</b>	<b>64.6014</b>	<b>0.0182</b>	<b>0.0000</b>	<b>65.0560</b>

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**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.7000e-004	0.0174	3.9700e-003	5.0000e-005	6.8800e-003	6.0000e-005	6.9400e-003	1.7200e-003	6.0000e-005	1.7800e-003	0.0000	4.9811	4.9811	2.9000e-004	0.0000	4.9883
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.9000e-004	6.4000e-004	7.2100e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1100e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.7915	1.7915	5.0000e-005	0.0000	1.7926
<b>Total</b>	<b>1.4600e-003</b>	<b>0.0180</b>	<b>0.0112</b>	<b>7.0000e-005</b>	<b>8.9700e-003</b>	<b>7.0000e-005</b>	<b>9.0500e-003</b>	<b>2.2800e-003</b>	<b>7.0000e-005</b>	<b>2.3500e-003</b>	<b>0.0000</b>	<b>6.7725</b>	<b>6.7725</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>6.7809</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.6260	0.0000	1.6260	0.8938	0.0000	0.8938	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3499	3.6447	1.9039	3.4200e-003		0.1840	0.1840		0.1693	0.1693	0.0000	300.9215	300.9215	0.0973	0.0000	303.3546
<b>Total</b>	<b>0.3499</b>	<b>3.6447</b>	<b>1.9039</b>	<b>3.4200e-003</b>	<b>1.6260</b>	<b>0.1840</b>	<b>1.8100</b>	<b>0.8938</b>	<b>0.1693</b>	<b>1.0630</b>	<b>0.0000</b>	<b>300.9215</b>	<b>300.9215</b>	<b>0.0973</b>	<b>0.0000</b>	<b>303.3546</b>

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**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6100e-003	3.6700e-003	0.0410	1.1000e-004	0.0119	8.0000e-005	0.0120	3.1600e-003	8.0000e-005	3.2400e-003	0.0000	10.1830	10.1830	2.7000e-004	0.0000	10.1897
<b>Total</b>	<b>5.6100e-003</b>	<b>3.6700e-003</b>	<b>0.0410</b>	<b>1.1000e-004</b>	<b>0.0119</b>	<b>8.0000e-005</b>	<b>0.0120</b>	<b>3.1600e-003</b>	<b>8.0000e-005</b>	<b>3.2400e-003</b>	<b>0.0000</b>	<b>10.1830</b>	<b>10.1830</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>10.1897</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.6260	0.0000	1.6260	0.8938	0.0000	0.8938	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3499	3.6447	1.9039	3.4200e-003		0.1840	0.1840		0.1693	0.1693	0.0000	300.9211	300.9211	0.0973	0.0000	303.3542
<b>Total</b>	<b>0.3499</b>	<b>3.6447</b>	<b>1.9039</b>	<b>3.4200e-003</b>	<b>1.6260</b>	<b>0.1840</b>	<b>1.8100</b>	<b>0.8938</b>	<b>0.1693</b>	<b>1.0630</b>	<b>0.0000</b>	<b>300.9211</b>	<b>300.9211</b>	<b>0.0973</b>	<b>0.0000</b>	<b>303.3542</b>

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**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6100e-003	3.6700e-003	0.0410	1.1000e-004	0.0119	8.0000e-005	0.0120	3.1600e-003	8.0000e-005	3.2400e-003	0.0000	10.1830	10.1830	2.7000e-004	0.0000	10.1897
<b>Total</b>	<b>5.6100e-003</b>	<b>3.6700e-003</b>	<b>0.0410</b>	<b>1.1000e-004</b>	<b>0.0119</b>	<b>8.0000e-005</b>	<b>0.0120</b>	<b>3.1600e-003</b>	<b>8.0000e-005</b>	<b>3.2400e-003</b>	<b>0.0000</b>	<b>10.1830</b>	<b>10.1830</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>10.1897</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.7459	0.0000	0.7459	0.1377	0.0000	0.1377	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0901	0.9976	0.6639	1.3300e-003		0.0427	0.0427		0.0393	0.0393	0.0000	117.1642	117.1642	0.0379	0.0000	118.1115
<b>Total</b>	<b>0.0901</b>	<b>0.9976</b>	<b>0.6639</b>	<b>1.3300e-003</b>	<b>0.7459</b>	<b>0.0427</b>	<b>0.7886</b>	<b>0.1377</b>	<b>0.0393</b>	<b>0.1770</b>	<b>0.0000</b>	<b>117.1642</b>	<b>117.1642</b>	<b>0.0379</b>	<b>0.0000</b>	<b>118.1115</b>

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**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4900e-003	9.7000e-004	0.0109	3.0000e-005	3.1600e-003	2.0000e-005	3.1800e-003	8.4000e-004	2.0000e-005	8.6000e-004	0.0000	2.7029	2.7029	7.0000e-005	0.0000	2.7047
<b>Total</b>	<b>1.4900e-003</b>	<b>9.7000e-004</b>	<b>0.0109</b>	<b>3.0000e-005</b>	<b>3.1600e-003</b>	<b>2.0000e-005</b>	<b>3.1800e-003</b>	<b>8.4000e-004</b>	<b>2.0000e-005</b>	<b>8.6000e-004</b>	<b>0.0000</b>	<b>2.7029</b>	<b>2.7029</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>2.7047</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.7459	0.0000	0.7459	0.1377	0.0000	0.1377	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0901	0.9976	0.6639	1.3300e-003		0.0427	0.0427		0.0393	0.0393	0.0000	117.1641	117.1641	0.0379	0.0000	118.1114
<b>Total</b>	<b>0.0901</b>	<b>0.9976</b>	<b>0.6639</b>	<b>1.3300e-003</b>	<b>0.7459</b>	<b>0.0427</b>	<b>0.7886</b>	<b>0.1377</b>	<b>0.0393</b>	<b>0.1770</b>	<b>0.0000</b>	<b>117.1641</b>	<b>117.1641</b>	<b>0.0379</b>	<b>0.0000</b>	<b>118.1114</b>

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**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4900e-003	9.7000e-004	0.0109	3.0000e-005	3.1600e-003	2.0000e-005	3.1800e-003	8.4000e-004	2.0000e-005	8.6000e-004	0.0000	2.7029	2.7029	7.0000e-005	0.0000	2.7047
<b>Total</b>	<b>1.4900e-003</b>	<b>9.7000e-004</b>	<b>0.0109</b>	<b>3.0000e-005</b>	<b>3.1600e-003</b>	<b>2.0000e-005</b>	<b>3.1800e-003</b>	<b>8.4000e-004</b>	<b>2.0000e-005</b>	<b>8.6000e-004</b>	<b>0.0000</b>	<b>2.7029</b>	<b>2.7029</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>2.7047</b>

**3.4 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3993	0.0000	1.3993	0.4969	0.0000	0.4969	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4712	5.0497	3.7754	8.0700e-003		0.2125	0.2125		0.1955	0.1955	0.0000	708.9498	708.9498	0.2293	0.0000	714.6820
<b>Total</b>	<b>0.4712</b>	<b>5.0497</b>	<b>3.7754</b>	<b>8.0700e-003</b>	<b>1.3993</b>	<b>0.2125</b>	<b>1.6118</b>	<b>0.4969</b>	<b>0.1955</b>	<b>0.6924</b>	<b>0.0000</b>	<b>708.9498</b>	<b>708.9498</b>	<b>0.2293</b>	<b>0.0000</b>	<b>714.6820</b>

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**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.4100e-003	5.2900e-003	0.0605	1.7000e-004	0.0191	1.3000e-004	0.0192	5.0800e-003	1.2000e-004	5.2000e-003	0.0000	15.7577	15.7577	3.9000e-004	0.0000	15.7673
<b>Total</b>	<b>8.4100e-003</b>	<b>5.2900e-003</b>	<b>0.0605</b>	<b>1.7000e-004</b>	<b>0.0191</b>	<b>1.3000e-004</b>	<b>0.0192</b>	<b>5.0800e-003</b>	<b>1.2000e-004</b>	<b>5.2000e-003</b>	<b>0.0000</b>	<b>15.7577</b>	<b>15.7577</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>15.7673</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3993	0.0000	1.3993	0.4969	0.0000	0.4969	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4712	5.0497	3.7754	8.0700e-003		0.2125	0.2125		0.1955	0.1955	0.0000	708.9490	708.9490	0.2293	0.0000	714.6812
<b>Total</b>	<b>0.4712</b>	<b>5.0497</b>	<b>3.7754</b>	<b>8.0700e-003</b>	<b>1.3993</b>	<b>0.2125</b>	<b>1.6118</b>	<b>0.4969</b>	<b>0.1955</b>	<b>0.6924</b>	<b>0.0000</b>	<b>708.9490</b>	<b>708.9490</b>	<b>0.2293</b>	<b>0.0000</b>	<b>714.6812</b>



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**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.4100e-003	5.2900e-003	0.0605	1.7000e-004	0.0191	1.3000e-004	0.0192	5.0800e-003	1.2000e-004	5.2000e-003	0.0000	15.7577	15.7577	3.9000e-004	0.0000	15.7673
<b>Total</b>	<b>8.4100e-003</b>	<b>5.2900e-003</b>	<b>0.0605</b>	<b>1.7000e-004</b>	<b>0.0191</b>	<b>1.3000e-004</b>	<b>0.0192</b>	<b>5.0800e-003</b>	<b>1.2000e-004</b>	<b>5.2000e-003</b>	<b>0.0000</b>	<b>15.7577</b>	<b>15.7577</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>15.7673</b>

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1042	0.0000	1.1042	0.3347	0.0000	0.3347	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2691	2.7958	2.2721	5.0300e-003		0.1154	0.1154		0.1062	0.1062	0.0000	441.7352	441.7352	0.1429	0.0000	445.3068
<b>Total</b>	<b>0.2691</b>	<b>2.7958</b>	<b>2.2721</b>	<b>5.0300e-003</b>	<b>1.1042</b>	<b>0.1154</b>	<b>1.2196</b>	<b>0.3347</b>	<b>0.1062</b>	<b>0.4408</b>	<b>0.0000</b>	<b>441.7352</b>	<b>441.7352</b>	<b>0.1429</b>	<b>0.0000</b>	<b>445.3068</b>

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**3.4 Grading - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9100e-003	2.9700e-003	0.0346	1.0000e-004	0.0119	8.0000e-005	0.0120	3.1600e-003	7.0000e-005	3.2400e-003	0.0000	9.4496	9.4496	2.2000e-004	0.0000	9.4549
<b>Total</b>	<b>4.9100e-003</b>	<b>2.9700e-003</b>	<b>0.0346</b>	<b>1.0000e-004</b>	<b>0.0119</b>	<b>8.0000e-005</b>	<b>0.0120</b>	<b>3.1600e-003</b>	<b>7.0000e-005</b>	<b>3.2400e-003</b>	<b>0.0000</b>	<b>9.4496</b>	<b>9.4496</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>9.4549</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1042	0.0000	1.1042	0.3347	0.0000	0.3347	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2691	2.7958	2.2721	5.0300e-003		0.1154	0.1154		0.1062	0.1062	0.0000	441.7347	441.7347	0.1429	0.0000	445.3063
<b>Total</b>	<b>0.2691</b>	<b>2.7958</b>	<b>2.2721</b>	<b>5.0300e-003</b>	<b>1.1042</b>	<b>0.1154</b>	<b>1.2196</b>	<b>0.3347</b>	<b>0.1062</b>	<b>0.4408</b>	<b>0.0000</b>	<b>441.7347</b>	<b>441.7347</b>	<b>0.1429</b>	<b>0.0000</b>	<b>445.3063</b>

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**3.4 Grading - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9100e-003	2.9700e-003	0.0346	1.0000e-004	0.0119	8.0000e-005	0.0120	3.1600e-003	7.0000e-005	3.2400e-003	0.0000	9.4496	9.4496	2.2000e-004	0.0000	9.4549
<b>Total</b>	<b>4.9100e-003</b>	<b>2.9700e-003</b>	<b>0.0346</b>	<b>1.0000e-004</b>	<b>0.0119</b>	<b>8.0000e-005</b>	<b>0.0120</b>	<b>3.1600e-003</b>	<b>7.0000e-005</b>	<b>3.2400e-003</b>	<b>0.0000</b>	<b>9.4496</b>	<b>9.4496</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>9.4549</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0771	0.7049	0.7960	1.3200e-003		0.0343	0.0343		0.0323	0.0323	0.0000	113.5843	113.5843	0.0270	0.0000	114.2598
<b>Total</b>	<b>0.0771</b>	<b>0.7049</b>	<b>0.7960</b>	<b>1.3200e-003</b>		<b>0.0343</b>	<b>0.0343</b>		<b>0.0323</b>	<b>0.0323</b>	<b>0.0000</b>	<b>113.5843</b>	<b>113.5843</b>	<b>0.0270</b>	<b>0.0000</b>	<b>114.2598</b>

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**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1343	4.7787	1.2983	0.0138	0.3403	6.8700e-003	0.3471	0.0983	6.5700e-003	0.1049	0.0000	1,328.8818	1,328.8818	0.0681	0.0000	1,330.5832
Worker	0.7728	0.4671	5.4498	0.0165	1.8739	0.0125	1.8863	0.4984	0.0115	0.5099	0.0000	1,488.2635	1,488.2635	0.0339	0.0000	1,489.1114
<b>Total</b>	<b>0.9072</b>	<b>5.2458</b>	<b>6.7481</b>	<b>0.0303</b>	<b>2.2141</b>	<b>0.0193</b>	<b>2.2335</b>	<b>0.5967</b>	<b>0.0180</b>	<b>0.6148</b>	<b>0.0000</b>	<b>2,817.1452</b>	<b>2,817.1452</b>	<b>0.1020</b>	<b>0.0000</b>	<b>2,819.6946</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0771	0.7049	0.7960	1.3200e-003		0.0343	0.0343		0.0323	0.0323	0.0000	113.5842	113.5842	0.0270	0.0000	114.2597
<b>Total</b>	<b>0.0771</b>	<b>0.7049</b>	<b>0.7960</b>	<b>1.3200e-003</b>		<b>0.0343</b>	<b>0.0343</b>		<b>0.0323</b>	<b>0.0323</b>	<b>0.0000</b>	<b>113.5842</b>	<b>113.5842</b>	<b>0.0270</b>	<b>0.0000</b>	<b>114.2597</b>

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**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1343	4.7787	1.2983	0.0138	0.3403	6.8700e-003	0.3471	0.0983	6.5700e-003	0.1049	0.0000	1,328.8818	1,328.8818	0.0681	0.0000	1,330.5832
Worker	0.7728	0.4671	5.4498	0.0165	1.8739	0.0125	1.8863	0.4984	0.0115	0.5099	0.0000	1,488.2635	1,488.2635	0.0339	0.0000	1,489.1114
<b>Total</b>	<b>0.9072</b>	<b>5.2458</b>	<b>6.7481</b>	<b>0.0303</b>	<b>2.2141</b>	<b>0.0193</b>	<b>2.2335</b>	<b>0.5967</b>	<b>0.0180</b>	<b>0.6148</b>	<b>0.0000</b>	<b>2,817.1452</b>	<b>2,817.1452</b>	<b>0.1020</b>	<b>0.0000</b>	<b>2,819.6946</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179
<b>Total</b>	<b>0.1928</b>	<b>1.7611</b>	<b>2.1179</b>	<b>3.5300e-003</b>		<b>0.0803</b>	<b>0.0803</b>		<b>0.0756</b>	<b>0.0756</b>	<b>0.0000</b>	<b>303.7223</b>	<b>303.7223</b>	<b>0.0718</b>	<b>0.0000</b>	<b>305.5179</b>

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**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3422	12.5319	3.2448	0.0367	0.9096	0.0174	0.9270	0.2628	0.0167	0.2795	0.0000	3,532.0998	3,532.0998	0.1797	0.0000	3,536.5933
Worker	1.9428	1.1286	13.4927	0.0423	5.0097	0.0326	5.0423	1.3324	0.0300	1.3624	0.0000	3,824.1571	3,824.1571	0.0818	0.0000	3,826.2020
<b>Total</b>	<b>2.2850</b>	<b>13.6605</b>	<b>16.7375</b>	<b>0.0790</b>	<b>5.9193</b>	<b>0.0500</b>	<b>5.9693</b>	<b>1.5953</b>	<b>0.0467</b>	<b>1.6419</b>	<b>0.0000</b>	<b>7,356.2569</b>	<b>7,356.2569</b>	<b>0.2615</b>	<b>0.0000</b>	<b>7,362.7953</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
<b>Total</b>	<b>0.1928</b>	<b>1.7611</b>	<b>2.1179</b>	<b>3.5300e-003</b>		<b>0.0803</b>	<b>0.0803</b>		<b>0.0756</b>	<b>0.0756</b>	<b>0.0000</b>	<b>303.7220</b>	<b>303.7220</b>	<b>0.0718</b>	<b>0.0000</b>	<b>305.5175</b>

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**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3422	12.5319	3.2448	0.0367	0.9096	0.0174	0.9270	0.2628	0.0167	0.2795	0.0000	3,532.0998	3,532.0998	0.1797	0.0000	3,536.5933
Worker	1.9428	1.1286	13.4927	0.0423	5.0097	0.0326	5.0423	1.3324	0.0300	1.3624	0.0000	3,824.1571	3,824.1571	0.0818	0.0000	3,826.2020
<b>Total</b>	<b>2.2850</b>	<b>13.6605</b>	<b>16.7375</b>	<b>0.0790</b>	<b>5.9193</b>	<b>0.0500</b>	<b>5.9693</b>	<b>1.5953</b>	<b>0.0467</b>	<b>1.6419</b>	<b>0.0000</b>	<b>7,356.2569</b>	<b>7,356.2569</b>	<b>0.2615</b>	<b>0.0000</b>	<b>7,362.7953</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3270	12.2526	3.0605	0.0363	0.9060	0.0165	0.9225	0.2618	0.0157	0.2776	0.0000	3,498.7573	3,498.7573	0.1770	0.0000	3,503.1810
Worker	1.8277	1.0209	12.4503	0.0404	4.9906	0.0318	5.0224	1.3273	0.0293	1.3566	0.0000	3,657.0391	3,657.0391	0.0739	0.0000	3,658.8854
<b>Total</b>	<b>2.1547</b>	<b>13.2735</b>	<b>15.5108</b>	<b>0.0768</b>	<b>5.8966</b>	<b>0.0483</b>	<b>5.9449</b>	<b>1.5891</b>	<b>0.0450</b>	<b>1.6342</b>	<b>0.0000</b>	<b>7,155.7964</b>	<b>7,155.7964</b>	<b>0.2508</b>	<b>0.0000</b>	<b>7,162.0664</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>



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**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3270	12.2526	3.0605	0.0363	0.9060	0.0165	0.9225	0.2618	0.0157	0.2776	0.0000	3,498.7573	3,498.7573	0.1770	0.0000	3,503.1810
Worker	1.8277	1.0209	12.4503	0.0404	4.9906	0.0318	5.0224	1.3273	0.0293	1.3566	0.0000	3,657.0391	3,657.0391	0.0739	0.0000	3,658.8854
<b>Total</b>	<b>2.1547</b>	<b>13.2735</b>	<b>15.5108</b>	<b>0.0768</b>	<b>5.8966</b>	<b>0.0483</b>	<b>5.9449</b>	<b>1.5891</b>	<b>0.0450</b>	<b>1.6342</b>	<b>0.0000</b>	<b>7,155.7964</b>	<b>7,155.7964</b>	<b>0.2508</b>	<b>0.0000</b>	<b>7,162.0664</b>

**3.5 Building Construction - 2026**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3147	12.0325	2.9205	0.0361	0.9060	0.0156	0.9215	0.2618	0.0149	0.2767	0.0000	3,479.8878	3,479.8878	0.1750	0.0000	3,484.2638
Worker	1.7326	0.9327	11.5882	0.0389	4.9906	0.0309	5.0215	1.3273	0.0284	1.3558	0.0000	3,521.1653	3,521.1653	0.0672	0.0000	3,522.8461
<b>Total</b>	<b>2.0473</b>	<b>12.9651</b>	<b>14.5087</b>	<b>0.0750</b>	<b>5.8966</b>	<b>0.0465</b>	<b>5.9430</b>	<b>1.5891</b>	<b>0.0433</b>	<b>1.6324</b>	<b>0.0000</b>	<b>7,001.0531</b>	<b>7,001.0531</b>	<b>0.2423</b>	<b>0.0000</b>	<b>7,007.1099</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>

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**3.5 Building Construction - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3147	12.0325	2.9205	0.0361	0.9060	0.0156	0.9215	0.2618	0.0149	0.2767	0.0000	3,479.8878	3,479.8878	0.1750	0.0000	3,484.2638
Worker	1.7326	0.9327	11.5882	0.0389	4.9906	0.0309	5.0215	1.3273	0.0284	1.3558	0.0000	3,521.1653	3,521.1653	0.0672	0.0000	3,522.8461
<b>Total</b>	<b>2.0473</b>	<b>12.9651</b>	<b>14.5087</b>	<b>0.0750</b>	<b>5.8966</b>	<b>0.0465</b>	<b>5.9430</b>	<b>1.5891</b>	<b>0.0433</b>	<b>1.6324</b>	<b>0.0000</b>	<b>7,001.0531</b>	<b>7,001.0531</b>	<b>0.2423</b>	<b>0.0000</b>	<b>7,007.1099</b>

**3.5 Building Construction - 2027**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2027**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3039	11.8301	2.7989	0.0359	0.9059	0.0148	0.9207	0.2618	0.0142	0.2759	0.0000	3,462.1431	3,462.1431	0.1732	0.0000	3,466.4725
Worker	1.6394	0.8534	10.8099	0.0376	4.9906	0.0294	5.0200	1.3273	0.0270	1.3544	0.0000	3,399.5328	3,399.5328	0.0613	0.0000	3,401.0641
<b>Total</b>	<b>1.9433</b>	<b>12.6835</b>	<b>13.6087</b>	<b>0.0735</b>	<b>5.8965</b>	<b>0.0442</b>	<b>5.9407</b>	<b>1.5891</b>	<b>0.0412</b>	<b>1.6303</b>	<b>0.0000</b>	<b>6,861.6758</b>	<b>6,861.6758</b>	<b>0.2344</b>	<b>0.0000</b>	<b>6,867.5367</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>

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**3.5 Building Construction - 2027**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3039	11.8301	2.7989	0.0359	0.9059	0.0148	0.9207	0.2618	0.0142	0.2759	0.0000	3,462.1431	3,462.1431	0.1732	0.0000	3,466.4725
Worker	1.6394	0.8534	10.8099	0.0376	4.9906	0.0294	5.0200	1.3273	0.0270	1.3544	0.0000	3,399.5328	3,399.5328	0.0613	0.0000	3,401.0641
<b>Total</b>	<b>1.9433</b>	<b>12.6835</b>	<b>13.6087</b>	<b>0.0735</b>	<b>5.8965</b>	<b>0.0442</b>	<b>5.9407</b>	<b>1.5891</b>	<b>0.0412</b>	<b>1.6303</b>	<b>0.0000</b>	<b>6,861.6758</b>	<b>6,861.6758</b>	<b>0.2344</b>	<b>0.0000</b>	<b>6,867.5367</b>

**3.5 Building Construction - 2028**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671
<b>Total</b>	<b>0.1778</b>	<b>1.6211</b>	<b>2.0910</b>	<b>3.5000e-003</b>		<b>0.0686</b>	<b>0.0686</b>		<b>0.0645</b>	<b>0.0645</b>	<b>0.0000</b>	<b>301.4953</b>	<b>301.4953</b>	<b>0.0709</b>	<b>0.0000</b>	<b>303.2671</b>

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**3.5 Building Construction - 2028**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2932	11.6131	2.6857	0.0356	0.9024	0.0141	0.9165	0.2607	0.0135	0.2742	0.0000	3,433.7983	3,433.7983	0.1706	0.0000	3,438.0642
Worker	1.5369	0.7800	10.0849	0.0362	4.9715	0.0273	4.9988	1.3223	0.0251	1.3474	0.0000	3,278.9467	3,278.9467	0.0559	0.0000	3,280.3436
<b>Total</b>	<b>1.8302</b>	<b>12.3931</b>	<b>12.7707</b>	<b>0.0718</b>	<b>5.8739</b>	<b>0.0414</b>	<b>5.9153</b>	<b>1.5830</b>	<b>0.0386</b>	<b>1.6216</b>	<b>0.0000</b>	<b>6,712.7451</b>	<b>6,712.7451</b>	<b>0.2265</b>	<b>0.0000</b>	<b>6,718.4078</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667
<b>Total</b>	<b>0.1778</b>	<b>1.6211</b>	<b>2.0910</b>	<b>3.5000e-003</b>		<b>0.0686</b>	<b>0.0686</b>		<b>0.0645</b>	<b>0.0645</b>	<b>0.0000</b>	<b>301.4949</b>	<b>301.4949</b>	<b>0.0709</b>	<b>0.0000</b>	<b>303.2667</b>

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**3.5 Building Construction - 2028**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2932	11.6131	2.6857	0.0356	0.9024	0.0141	0.9165	0.2607	0.0135	0.2742	0.0000	3,433.7983	3,433.7983	0.1706	0.0000	3,438.0642
Worker	1.5369	0.7800	10.0849	0.0362	4.9715	0.0273	4.9988	1.3223	0.0251	1.3474	0.0000	3,278.9467	3,278.9467	0.0559	0.0000	3,280.3436
<b>Total</b>	<b>1.8302</b>	<b>12.3931</b>	<b>12.7707</b>	<b>0.0718</b>	<b>5.8739</b>	<b>0.0414</b>	<b>5.9153</b>	<b>1.5830</b>	<b>0.0386</b>	<b>1.6216</b>	<b>0.0000</b>	<b>6,712.7451</b>	<b>6,712.7451</b>	<b>0.2265</b>	<b>0.0000</b>	<b>6,718.4078</b>

**3.5 Building Construction - 2029**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2029**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2858	11.4938	2.6100	0.0356	0.9058	0.0135	0.9193	0.2617	0.0129	0.2746	0.0000	3,433.2265	3,433.2265	0.1694	0.0000	3,437.4616
Worker	1.4375	0.7173	9.4648	0.0353	4.9906	0.0255	5.0161	1.3273	0.0235	1.3508	0.0000	3,195.8629	3,195.8629	0.0512	0.0000	3,197.1423
<b>Total</b>	<b>1.7233</b>	<b>12.2111</b>	<b>12.0748</b>	<b>0.0709</b>	<b>5.8964</b>	<b>0.0390</b>	<b>5.9354</b>	<b>1.5891</b>	<b>0.0364</b>	<b>1.6254</b>	<b>0.0000</b>	<b>6,629.0894</b>	<b>6,629.0894</b>	<b>0.2206</b>	<b>0.0000</b>	<b>6,634.6040</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>



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**3.5 Building Construction - 2029**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2858	11.4938	2.6100	0.0356	0.9058	0.0135	0.9193	0.2617	0.0129	0.2746	0.0000	3,433.2265	3,433.2265	0.1694	0.0000	3,437.4616
Worker	1.4375	0.7173	9.4648	0.0353	4.9906	0.0255	5.0161	1.3273	0.0235	1.3508	0.0000	3,195.8629	3,195.8629	0.0512	0.0000	3,197.1423
<b>Total</b>	<b>1.7233</b>	<b>12.2111</b>	<b>12.0748</b>	<b>0.0709</b>	<b>5.8964</b>	<b>0.0390</b>	<b>5.9354</b>	<b>1.5891</b>	<b>0.0364</b>	<b>1.6254</b>	<b>0.0000</b>	<b>6,629.0894</b>	<b>6,629.0894</b>	<b>0.2206</b>	<b>0.0000</b>	<b>6,634.6040</b>

**3.5 Building Construction - 2030**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
<b>Total</b>	<b>0.1708</b>	<b>1.0355</b>	<b>2.1085</b>	<b>4.0400e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>343.0336</b>	<b>343.0336</b>	<b>0.0138</b>	<b>0.0000</b>	<b>343.3777</b>

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**3.5 Building Construction - 2030**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2780	11.3402	2.5391	0.0355	0.9057	0.0128	0.9185	0.2617	0.0122	0.2739	0.0000	3,420.9238	3,420.9238	0.1675	0.0000	3,425.1100
Worker	1.3357	0.6581	8.8719	0.0344	4.9906	0.0238	5.0144	1.3273	0.0219	1.3492	0.0000	3,111.5619	3,111.5619	0.0468	0.0000	3,112.7318
<b>Total</b>	<b>1.6137</b>	<b>11.9983</b>	<b>11.4110</b>	<b>0.0698</b>	<b>5.8964</b>	<b>0.0366</b>	<b>5.9329</b>	<b>1.5890</b>	<b>0.0341</b>	<b>1.6231</b>	<b>0.0000</b>	<b>6,532.4857</b>	<b>6,532.4857</b>	<b>0.2143</b>	<b>0.0000</b>	<b>6,537.8418</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
<b>Total</b>	<b>0.1708</b>	<b>1.0355</b>	<b>2.1085</b>	<b>4.0400e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>343.0332</b>	<b>343.0332</b>	<b>0.0138</b>	<b>0.0000</b>	<b>343.3773</b>

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**3.5 Building Construction - 2030**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2780	11.3402	2.5391	0.0355	0.9057	0.0128	0.9185	0.2617	0.0122	0.2739	0.0000	3,420.9238	3,420.9238	0.1675	0.0000	3,425.1100
Worker	1.3357	0.6581	8.8719	0.0344	4.9906	0.0238	5.0144	1.3273	0.0219	1.3492	0.0000	3,111.5619	3,111.5619	0.0468	0.0000	3,112.7318
<b>Total</b>	<b>1.6137</b>	<b>11.9983</b>	<b>11.4110</b>	<b>0.0698</b>	<b>5.8964</b>	<b>0.0366</b>	<b>5.9329</b>	<b>1.5890</b>	<b>0.0341</b>	<b>1.6231</b>	<b>0.0000</b>	<b>6,532.4857</b>	<b>6,532.4857</b>	<b>0.2143</b>	<b>0.0000</b>	<b>6,537.8418</b>

**3.5 Building Construction - 2031**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
<b>Total</b>	<b>0.1708</b>	<b>1.0355</b>	<b>2.1085</b>	<b>4.0400e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>343.0336</b>	<b>343.0336</b>	<b>0.0138</b>	<b>0.0000</b>	<b>343.3777</b>

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**3.5 Building Construction - 2031**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2714	11.2009	2.4810	0.0353	0.9057	0.0122	0.9179	0.2617	0.0116	0.2733	0.0000	3,410.4625	3,410.4625	0.1658	0.0000	3,414.6064
Worker	1.2279	0.6022	8.3061	0.0336	4.9906	0.0221	5.0127	1.3273	0.0204	1.3477	0.0000	3,037.6093	3,037.6093	0.0427	0.0000	3,038.6767
<b>Total</b>	<b>1.4993</b>	<b>11.8031</b>	<b>10.7871</b>	<b>0.0689</b>	<b>5.8963</b>	<b>0.0343</b>	<b>5.9306</b>	<b>1.5890</b>	<b>0.0320</b>	<b>1.6210</b>	<b>0.0000</b>	<b>6,448.0718</b>	<b>6,448.0718</b>	<b>0.2085</b>	<b>0.0000</b>	<b>6,453.2830</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
<b>Total</b>	<b>0.1708</b>	<b>1.0355</b>	<b>2.1085</b>	<b>4.0400e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>343.0332</b>	<b>343.0332</b>	<b>0.0138</b>	<b>0.0000</b>	<b>343.3773</b>

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**3.5 Building Construction - 2031**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2714	11.2009	2.4810	0.0353	0.9057	0.0122	0.9179	0.2617	0.0116	0.2733	0.0000	3,410.4625	3,410.4625	0.1658	0.0000	3,414.6064
Worker	1.2279	0.6022	8.3061	0.0336	4.9906	0.0221	5.0127	1.3273	0.0204	1.3477	0.0000	3,037.6093	3,037.6093	0.0427	0.0000	3,038.6767
<b>Total</b>	<b>1.4993</b>	<b>11.8031</b>	<b>10.7871</b>	<b>0.0689</b>	<b>5.8963</b>	<b>0.0343</b>	<b>5.9306</b>	<b>1.5890</b>	<b>0.0320</b>	<b>1.6210</b>	<b>0.0000</b>	<b>6,448.0718</b>	<b>6,448.0718</b>	<b>0.2085</b>	<b>0.0000</b>	<b>6,453.2830</b>

**3.5 Building Construction - 2032**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933
<b>Total</b>	<b>0.1715</b>	<b>1.0394</b>	<b>2.1166</b>	<b>4.0600e-003</b>		<b>0.0194</b>	<b>0.0194</b>		<b>0.0194</b>	<b>0.0194</b>	<b>0.0000</b>	<b>344.3479</b>	<b>344.3479</b>	<b>0.0138</b>	<b>0.0000</b>	<b>344.6933</b>

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**3.5 Building Construction - 2032**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2670	11.1140	2.4442	0.0354	0.9091	0.0117	0.9209	0.2627	0.0112	0.2739	0.0000	3,414.9530	3,414.9530	0.1649	0.0000	3,419.0754
Worker	1.1358	0.5561	7.8377	0.0330	5.0097	0.0207	5.0304	1.3324	0.0190	1.3514	0.0000	2,984.6115	2,984.6115	0.0393	0.0000	2,985.5932
<b>Total</b>	<b>1.4028</b>	<b>11.6700</b>	<b>10.2819</b>	<b>0.0683</b>	<b>5.9189</b>	<b>0.0324</b>	<b>5.9513</b>	<b>1.5951</b>	<b>0.0302</b>	<b>1.6253</b>	<b>0.0000</b>	<b>6,399.5645</b>	<b>6,399.5645</b>	<b>0.2042</b>	<b>0.0000</b>	<b>6,404.6686</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929
<b>Total</b>	<b>0.1715</b>	<b>1.0394</b>	<b>2.1166</b>	<b>4.0600e-003</b>		<b>0.0194</b>	<b>0.0194</b>		<b>0.0194</b>	<b>0.0194</b>	<b>0.0000</b>	<b>344.3475</b>	<b>344.3475</b>	<b>0.0138</b>	<b>0.0000</b>	<b>344.6929</b>

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**3.5 Building Construction - 2032**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2670	11.1140	2.4442	0.0354	0.9091	0.0117	0.9209	0.2627	0.0112	0.2739	0.0000	3,414.9530	3,414.9530	0.1649	0.0000	3,419.0754
Worker	1.1358	0.5561	7.8377	0.0330	5.0097	0.0207	5.0304	1.3324	0.0190	1.3514	0.0000	2,984.6115	2,984.6115	0.0393	0.0000	2,985.5932
<b>Total</b>	<b>1.4028</b>	<b>11.6700</b>	<b>10.2819</b>	<b>0.0683</b>	<b>5.9189</b>	<b>0.0324</b>	<b>5.9513</b>	<b>1.5951</b>	<b>0.0302</b>	<b>1.6253</b>	<b>0.0000</b>	<b>6,399.5645</b>	<b>6,399.5645</b>	<b>0.2042</b>	<b>0.0000</b>	<b>6,404.6686</b>

**3.5 Building Construction - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
<b>Total</b>	<b>0.1702</b>	<b>1.0315</b>	<b>2.1004</b>	<b>4.0200e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>341.7193</b>	<b>341.7193</b>	<b>0.0137</b>	<b>0.0000</b>	<b>342.0621</b>

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**3.5 Building Construction - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2604	10.9146	2.3866	0.0350	0.9022	0.0112	0.9134	0.2607	0.0107	0.2714	0.0000	3,381.4469	3,381.4469	0.1623	0.0000	3,385.5051
Worker	1.0488	0.5125	7.3598	0.0321	4.9715	0.0191	4.9906	1.3223	0.0176	1.3398	0.0000	2,906.5334	2,906.5334	0.0360	0.0000	2,907.4333
<b>Total</b>	<b>1.3092</b>	<b>11.4271</b>	<b>9.7464</b>	<b>0.0671</b>	<b>5.8737</b>	<b>0.0303</b>	<b>5.9040</b>	<b>1.5829</b>	<b>0.0283</b>	<b>1.6112</b>	<b>0.0000</b>	<b>6,287.9803</b>	<b>6,287.9803</b>	<b>0.1983</b>	<b>0.0000</b>	<b>6,292.9384</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
<b>Total</b>	<b>0.1702</b>	<b>1.0315</b>	<b>2.1004</b>	<b>4.0200e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>341.7189</b>	<b>341.7189</b>	<b>0.0137</b>	<b>0.0000</b>	<b>342.0617</b>



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**3.5 Building Construction - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2604	10.9146	2.3866	0.0350	0.9022	0.0112	0.9134	0.2607	0.0107	0.2714	0.0000	3,381.4469	3,381.4469	0.1623	0.0000	3,385.5051
Worker	1.0488	0.5125	7.3598	0.0321	4.9715	0.0191	4.9906	1.3223	0.0176	1.3398	0.0000	2,906.5334	2,906.5334	0.0360	0.0000	2,907.4333
<b>Total</b>	<b>1.3092</b>	<b>11.4271</b>	<b>9.7464</b>	<b>0.0671</b>	<b>5.8737</b>	<b>0.0303</b>	<b>5.9040</b>	<b>1.5829</b>	<b>0.0283</b>	<b>1.6112</b>	<b>0.0000</b>	<b>6,287.9803</b>	<b>6,287.9803</b>	<b>0.1983</b>	<b>0.0000</b>	<b>6,292.9384</b>

**3.5 Building Construction - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
<b>Total</b>	<b>0.1702</b>	<b>1.0315</b>	<b>2.1004</b>	<b>4.0200e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>341.7193</b>	<b>341.7193</b>	<b>0.0137</b>	<b>0.0000</b>	<b>342.0621</b>

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**3.5 Building Construction - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2561	10.8085	2.3511	0.0350	0.9022	0.0108	0.9130	0.2607	0.0103	0.2710	0.0000	3,375.2102	3,375.2102	0.1611	0.0000	3,379.2376
Worker	0.9799	0.4789	6.9643	0.0316	4.9715	0.0178	4.9893	1.3223	0.0164	1.3387	0.0000	2,858.7639	2,858.7639	0.0332	0.0000	2,859.5946
<b>Total</b>	<b>1.2360</b>	<b>11.2875</b>	<b>9.3154</b>	<b>0.0665</b>	<b>5.8736</b>	<b>0.0287</b>	<b>5.9023</b>	<b>1.5829</b>	<b>0.0268</b>	<b>1.6097</b>	<b>0.0000</b>	<b>6,233.9741</b>	<b>6,233.9741</b>	<b>0.1943</b>	<b>0.0000</b>	<b>6,238.8322</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
<b>Total</b>	<b>0.1702</b>	<b>1.0315</b>	<b>2.1004</b>	<b>4.0200e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>341.7189</b>	<b>341.7189</b>	<b>0.0137</b>	<b>0.0000</b>	<b>342.0617</b>

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**3.5 Building Construction - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2561	10.8085	2.3511	0.0350	0.9022	0.0108	0.9130	0.2607	0.0103	0.2710	0.0000	3,375.2102	3,375.2102	0.1611	0.0000	3,379.2376
Worker	0.9799	0.4789	6.9643	0.0316	4.9715	0.0178	4.9893	1.3223	0.0164	1.3387	0.0000	2,858.7639	2,858.7639	0.0332	0.0000	2,859.5946
<b>Total</b>	<b>1.2360</b>	<b>11.2875</b>	<b>9.3154</b>	<b>0.0665</b>	<b>5.8736</b>	<b>0.0287</b>	<b>5.9023</b>	<b>1.5829</b>	<b>0.0268</b>	<b>1.6097</b>	<b>0.0000</b>	<b>6,233.9741</b>	<b>6,233.9741</b>	<b>0.1943</b>	<b>0.0000</b>	<b>6,238.8322</b>

**3.5 Building Construction - 2035**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
<b>Total</b>	<b>0.1588</b>	<b>0.9346</b>	<b>2.1034</b>	<b>4.0400e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>343.0336</b>	<b>343.0336</b>	<b>0.0128</b>	<b>0.0000</b>	<b>343.3530</b>

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**3.5 Building Construction - 2035**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2534	10.7558	2.3303	0.0350	0.9056	0.0105	0.9161	0.2617	0.0101	0.2717	0.0000	3,383.0399	3,383.0399	0.1606	0.0000	3,387.0540
Worker	0.9237	0.4545	6.6516	0.0312	4.9906	0.0168	5.0074	1.3273	0.0154	1.3428	0.0000	2,828.9802	2,828.9802	0.0310	0.0000	2,829.7552
<b>Total</b>	<b>1.1770</b>	<b>11.2103</b>	<b>8.9819</b>	<b>0.0663</b>	<b>5.8962</b>	<b>0.0273</b>	<b>5.9235</b>	<b>1.5890</b>	<b>0.0255</b>	<b>1.6144</b>	<b>0.0000</b>	<b>6,212.0200</b>	<b>6,212.0200</b>	<b>0.1916</b>	<b>0.0000</b>	<b>6,216.8091</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
<b>Total</b>	<b>0.1588</b>	<b>0.9346</b>	<b>2.1034</b>	<b>4.0400e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>343.0332</b>	<b>343.0332</b>	<b>0.0128</b>	<b>0.0000</b>	<b>343.3526</b>

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**3.5 Building Construction - 2035**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2534	10.7558	2.3303	0.0350	0.9056	0.0105	0.9161	0.2617	0.0101	0.2717	0.0000	3,383.0399	3,383.0399	0.1606	0.0000	3,387.0540
Worker	0.9237	0.4545	6.6516	0.0312	4.9906	0.0168	5.0074	1.3273	0.0154	1.3428	0.0000	2,828.9802	2,828.9802	0.0310	0.0000	2,829.7552
<b>Total</b>	<b>1.1770</b>	<b>11.2103</b>	<b>8.9819</b>	<b>0.0663</b>	<b>5.8962</b>	<b>0.0273</b>	<b>5.9235</b>	<b>1.5890</b>	<b>0.0255</b>	<b>1.6144</b>	<b>0.0000</b>	<b>6,212.0200</b>	<b>6,212.0200</b>	<b>0.1916</b>	<b>0.0000</b>	<b>6,216.8091</b>

**3.5 Building Construction - 2036**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686
<b>Total</b>	<b>0.1594</b>	<b>0.9381</b>	<b>2.1114</b>	<b>4.0600e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>344.3479</b>	<b>344.3479</b>	<b>0.0128</b>	<b>0.0000</b>	<b>344.6686</b>

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**3.5 Building Construction - 2036**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2543	10.7970	2.3392	0.0352	0.9091	0.0106	0.9196	0.2627	0.0101	0.2727	0.0000	3,396.0017	3,396.0017	0.1612	0.0000	3,400.0312
Worker	0.9272	0.4563	6.6771	0.0314	5.0097	0.0168	5.0265	1.3324	0.0155	1.3479	0.0000	2,839.8192	2,839.8192	0.0311	0.0000	2,840.5972
<b>Total</b>	<b>1.1815</b>	<b>11.2533</b>	<b>9.0163</b>	<b>0.0665</b>	<b>5.9188</b>	<b>0.0274</b>	<b>5.9462</b>	<b>1.5951</b>	<b>0.0256</b>	<b>1.6206</b>	<b>0.0000</b>	<b>6,235.8209</b>	<b>6,235.8209</b>	<b>0.1923</b>	<b>0.0000</b>	<b>6,240.6283</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682
<b>Total</b>	<b>0.1594</b>	<b>0.9381</b>	<b>2.1114</b>	<b>4.0600e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>344.3475</b>	<b>344.3475</b>	<b>0.0128</b>	<b>0.0000</b>	<b>344.6682</b>

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**3.5 Building Construction - 2036**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2543	10.7970	2.3392	0.0352	0.9091	0.0106	0.9196	0.2627	0.0101	0.2727	0.0000	3,396.0017	3,396.0017	0.1612	0.0000	3,400.0312
Worker	0.9272	0.4563	6.6771	0.0314	5.0097	0.0168	5.0265	1.3324	0.0155	1.3479	0.0000	2,839.8192	2,839.8192	0.0311	0.0000	2,840.5972
<b>Total</b>	<b>1.1815</b>	<b>11.2533</b>	<b>9.0163</b>	<b>0.0665</b>	<b>5.9188</b>	<b>0.0274</b>	<b>5.9462</b>	<b>1.5951</b>	<b>0.0256</b>	<b>1.6206</b>	<b>0.0000</b>	<b>6,235.8209</b>	<b>6,235.8209</b>	<b>0.1923</b>	<b>0.0000</b>	<b>6,240.6283</b>

**3.5 Building Construction - 2037**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
<b>Total</b>	<b>0.1588</b>	<b>0.9346</b>	<b>2.1034</b>	<b>4.0400e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>343.0336</b>	<b>343.0336</b>	<b>0.0128</b>	<b>0.0000</b>	<b>343.3530</b>

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**3.5 Building Construction - 2037**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2534	10.7558	2.3303	0.0350	0.9056	0.0105	0.9161	0.2617	0.0101	0.2717	0.0000	3,383.0399	3,383.0399	0.1606	0.0000	3,387.0540
Worker	0.9237	0.4545	6.6516	0.0312	4.9906	0.0168	5.0074	1.3273	0.0154	1.3428	0.0000	2,828.9802	2,828.9802	0.0310	0.0000	2,829.7552
<b>Total</b>	<b>1.1770</b>	<b>11.2103</b>	<b>8.9819</b>	<b>0.0663</b>	<b>5.8962</b>	<b>0.0273</b>	<b>5.9235</b>	<b>1.5890</b>	<b>0.0255</b>	<b>1.6144</b>	<b>0.0000</b>	<b>6,212.0200</b>	<b>6,212.0200</b>	<b>0.1916</b>	<b>0.0000</b>	<b>6,216.8091</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
<b>Total</b>	<b>0.1588</b>	<b>0.9346</b>	<b>2.1034</b>	<b>4.0400e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>343.0332</b>	<b>343.0332</b>	<b>0.0128</b>	<b>0.0000</b>	<b>343.3526</b>



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**3.5 Building Construction - 2037**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2534	10.7558	2.3303	0.0350	0.9056	0.0105	0.9161	0.2617	0.0101	0.2717	0.0000	3,383.0399	3,383.0399	0.1606	0.0000	3,387.0540
Worker	0.9237	0.4545	6.6516	0.0312	4.9906	0.0168	5.0074	1.3273	0.0154	1.3428	0.0000	2,828.9802	2,828.9802	0.0310	0.0000	2,829.7552
<b>Total</b>	<b>1.1770</b>	<b>11.2103</b>	<b>8.9819</b>	<b>0.0663</b>	<b>5.8962</b>	<b>0.0273</b>	<b>5.9235</b>	<b>1.5890</b>	<b>0.0255</b>	<b>1.6144</b>	<b>0.0000</b>	<b>6,212.0200</b>	<b>6,212.0200</b>	<b>0.1916</b>	<b>0.0000</b>	<b>6,216.8091</b>

**3.5 Building Construction - 2038**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
<b>Total</b>	<b>0.1588</b>	<b>0.9346</b>	<b>2.1034</b>	<b>4.0400e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>343.0336</b>	<b>343.0336</b>	<b>0.0128</b>	<b>0.0000</b>	<b>343.3530</b>

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**3.5 Building Construction - 2038**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2534	10.7558	2.3303	0.0350	0.9056	0.0105	0.9161	0.2617	0.0101	0.2717	0.0000	3,383.0399	3,383.0399	0.1606	0.0000	3,387.0540
Worker	0.9237	0.4545	6.6516	0.0312	4.9906	0.0168	5.0074	1.3273	0.0154	1.3428	0.0000	2,828.9802	2,828.9802	0.0310	0.0000	2,829.7552
<b>Total</b>	<b>1.1770</b>	<b>11.2103</b>	<b>8.9819</b>	<b>0.0663</b>	<b>5.8962</b>	<b>0.0273</b>	<b>5.9235</b>	<b>1.5890</b>	<b>0.0255</b>	<b>1.6144</b>	<b>0.0000</b>	<b>6,212.0200</b>	<b>6,212.0200</b>	<b>0.1916</b>	<b>0.0000</b>	<b>6,216.8091</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
<b>Total</b>	<b>0.1588</b>	<b>0.9346</b>	<b>2.1034</b>	<b>4.0400e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>343.0332</b>	<b>343.0332</b>	<b>0.0128</b>	<b>0.0000</b>	<b>343.3526</b>

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**3.5 Building Construction - 2038**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2534	10.7558	2.3303	0.0350	0.9056	0.0105	0.9161	0.2617	0.0101	0.2717	0.0000	3,383.0399	3,383.0399	0.1606	0.0000	3,387.0540
Worker	0.9237	0.4545	6.6516	0.0312	4.9906	0.0168	5.0074	1.3273	0.0154	1.3428	0.0000	2,828.9802	2,828.9802	0.0310	0.0000	2,829.7552
<b>Total</b>	<b>1.1770</b>	<b>11.2103</b>	<b>8.9819</b>	<b>0.0663</b>	<b>5.8962</b>	<b>0.0273</b>	<b>5.9235</b>	<b>1.5890</b>	<b>0.0255</b>	<b>1.6144</b>	<b>0.0000</b>	<b>6,212.0200</b>	<b>6,212.0200</b>	<b>0.1916</b>	<b>0.0000</b>	<b>6,216.8091</b>

**3.5 Building Construction - 2039**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7193	341.7193	0.0127	0.0000	342.0375
<b>Total</b>	<b>0.1582</b>	<b>0.9310</b>	<b>2.0953</b>	<b>4.0200e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>341.7193</b>	<b>341.7193</b>	<b>0.0127</b>	<b>0.0000</b>	<b>342.0375</b>

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**3.5 Building Construction - 2039**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2524	10.7146	2.3213	0.0349	0.9021	0.0105	0.9126	0.2606	0.0100	0.2707	0.0000	3,370.0780	3,370.0780	0.1600	0.0000	3,374.0767
Worker	0.9202	0.4528	6.6261	0.0311	4.9715	0.0167	4.9882	1.3223	0.0154	1.3376	0.0000	2,818.1412	2,818.1412	0.0309	0.0000	2,818.9132
<b>Total</b>	<b>1.1725</b>	<b>11.1674</b>	<b>8.9475</b>	<b>0.0660</b>	<b>5.8736</b>	<b>0.0272</b>	<b>5.9008</b>	<b>1.5829</b>	<b>0.0254</b>	<b>1.6083</b>	<b>0.0000</b>	<b>6,188.2192</b>	<b>6,188.2192</b>	<b>0.1908</b>	<b>0.0000</b>	<b>6,192.9899</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7189	341.7189	0.0127	0.0000	342.0371
<b>Total</b>	<b>0.1582</b>	<b>0.9310</b>	<b>2.0953</b>	<b>4.0200e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>341.7189</b>	<b>341.7189</b>	<b>0.0127</b>	<b>0.0000</b>	<b>342.0371</b>

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**3.5 Building Construction - 2039**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2524	10.7146	2.3213	0.0349	0.9021	0.0105	0.9126	0.2606	0.0100	0.2707	0.0000	3,370.0780	3,370.0780	0.1600	0.0000	3,374.0767
Worker	0.9202	0.4528	6.6261	0.0311	4.9715	0.0167	4.9882	1.3223	0.0154	1.3376	0.0000	2,818.1412	2,818.1412	0.0309	0.0000	2,818.9132
<b>Total</b>	<b>1.1725</b>	<b>11.1674</b>	<b>8.9475</b>	<b>0.0660</b>	<b>5.8736</b>	<b>0.0272</b>	<b>5.9008</b>	<b>1.5829</b>	<b>0.0254</b>	<b>1.6083</b>	<b>0.0000</b>	<b>6,188.2192</b>	<b>6,188.2192</b>	<b>0.1908</b>	<b>0.0000</b>	<b>6,192.9899</b>

**3.5 Building Construction - 2040**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
<b>Total</b>	<b>0.1562</b>	<b>0.8992</b>	<b>2.1035</b>	<b>4.0400e-003</b>		<b>9.6200e-003</b>	<b>9.6200e-003</b>		<b>9.6200e-003</b>	<b>9.6200e-003</b>	<b>0.0000</b>	<b>343.0337</b>	<b>343.0337</b>	<b>0.0123</b>	<b>0.0000</b>	<b>343.3419</b>

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**3.5 Building Construction - 2040**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2420	10.4433	2.2410	0.0349	0.9055	9.7000e-003	0.9152	0.2616	9.2800e-003	0.2709	0.0000	3,373.5155	3,373.5155	0.1561	0.0000	3,377.4173
Worker	0.7035	0.3710	5.5974	0.0299	4.9906	0.0128	5.0034	1.3273	0.0118	1.3392	0.0000	2,705.4018	2,705.4018	0.0238	0.0000	2,705.9963
<b>Total</b>	<b>0.9456</b>	<b>10.8143</b>	<b>7.8384</b>	<b>0.0648</b>	<b>5.8961</b>	<b>0.0225</b>	<b>5.9187</b>	<b>1.5890</b>	<b>0.0211</b>	<b>1.6100</b>	<b>0.0000</b>	<b>6,078.9173</b>	<b>6,078.9173</b>	<b>0.1799</b>	<b>0.0000</b>	<b>6,083.4136</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
<b>Total</b>	<b>0.1562</b>	<b>0.8992</b>	<b>2.1035</b>	<b>4.0400e-003</b>		<b>9.6200e-003</b>	<b>9.6200e-003</b>		<b>9.6200e-003</b>	<b>9.6200e-003</b>	<b>0.0000</b>	<b>343.0333</b>	<b>343.0333</b>	<b>0.0123</b>	<b>0.0000</b>	<b>343.3415</b>

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**3.5 Building Construction - 2040**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2420	10.4433	2.2410	0.0349	0.9055	9.7000e-003	0.9152	0.2616	9.2800e-003	0.2709	0.0000	3,373.5155	3,373.5155	0.1561	0.0000	3,377.4173
Worker	0.7035	0.3710	5.5974	0.0299	4.9906	0.0128	5.0034	1.3273	0.0118	1.3392	0.0000	2,705.4018	2,705.4018	0.0238	0.0000	2,705.9963
<b>Total</b>	<b>0.9456</b>	<b>10.8143</b>	<b>7.8384</b>	<b>0.0648</b>	<b>5.8961</b>	<b>0.0225</b>	<b>5.9187</b>	<b>1.5890</b>	<b>0.0211</b>	<b>1.6100</b>	<b>0.0000</b>	<b>6,078.9173</b>	<b>6,078.9173</b>	<b>0.1799</b>	<b>0.0000</b>	<b>6,083.4136</b>

**3.5 Building Construction - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0694	0.3996	0.9349	1.8000e-003		4.2800e-003	4.2800e-003		4.2800e-003	4.2800e-003	0.0000	152.4594	152.4594	5.4800e-003	0.0000	152.5964
<b>Total</b>	<b>0.0694</b>	<b>0.3996</b>	<b>0.9349</b>	<b>1.8000e-003</b>		<b>4.2800e-003</b>	<b>4.2800e-003</b>		<b>4.2800e-003</b>	<b>4.2800e-003</b>	<b>0.0000</b>	<b>152.4594</b>	<b>152.4594</b>	<b>5.4800e-003</b>	<b>0.0000</b>	<b>152.5964</b>

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**3.5 Building Construction - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1076	4.6415	0.9960	0.0155	0.4025	4.3100e-003	0.4068	0.1163	4.1200e-003	0.1204	0.0000	1,499.3402	1,499.3402	0.0694	0.0000	1,501.0744
Worker	0.3127	0.1649	2.4877	0.0133	2.2181	5.7100e-003	2.2238	0.5899	5.2500e-003	0.5952	0.0000	1,202.4008	1,202.4008	0.0106	0.0000	1,202.6650
<b>Total</b>	<b>0.4203</b>	<b>4.8063</b>	<b>3.4837</b>	<b>0.0288</b>	<b>2.6205</b>	<b>0.0100</b>	<b>2.6305</b>	<b>0.7062</b>	<b>9.3700e-003</b>	<b>0.7156</b>	<b>0.0000</b>	<b>2,701.7410</b>	<b>2,701.7410</b>	<b>0.0799</b>	<b>0.0000</b>	<b>2,703.7394</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0694	0.3996	0.9349	1.8000e-003		4.2800e-003	4.2800e-003		4.2800e-003	4.2800e-003	0.0000	152.4592	152.4592	5.4800e-003	0.0000	152.5962
<b>Total</b>	<b>0.0694</b>	<b>0.3996</b>	<b>0.9349</b>	<b>1.8000e-003</b>		<b>4.2800e-003</b>	<b>4.2800e-003</b>		<b>4.2800e-003</b>	<b>4.2800e-003</b>	<b>0.0000</b>	<b>152.4592</b>	<b>152.4592</b>	<b>5.4800e-003</b>	<b>0.0000</b>	<b>152.5962</b>



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**3.5 Building Construction - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1076	4.6415	0.9960	0.0155	0.4025	4.3100e-003	0.4068	0.1163	4.1200e-003	0.1204	0.0000	1,499.3402	1,499.3402	0.0694	0.0000	1,501.0744
Worker	0.3127	0.1649	2.4877	0.0133	2.2181	5.7100e-003	2.2238	0.5899	5.2500e-003	0.5952	0.0000	1,202.4008	1,202.4008	0.0106	0.0000	1,202.6650
<b>Total</b>	<b>0.4203</b>	<b>4.8063</b>	<b>3.4837</b>	<b>0.0288</b>	<b>2.6205</b>	<b>0.0100</b>	<b>2.6305</b>	<b>0.7062</b>	<b>9.3700e-003</b>	<b>0.7156</b>	<b>0.0000</b>	<b>2,701.7410</b>	<b>2,701.7410</b>	<b>0.0799</b>	<b>0.0000</b>	<b>2,703.7394</b>

**3.6 Paving - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0733	0.2651	1.1468	2.0300e-003		8.4400e-003	8.4400e-003		8.4400e-003	8.4400e-003	0.0000	174.7215	174.7215	5.8700e-003	0.0000	174.8683
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0733</b>	<b>0.2651</b>	<b>1.1468</b>	<b>2.0300e-003</b>		<b>8.4400e-003</b>	<b>8.4400e-003</b>		<b>8.4400e-003</b>	<b>8.4400e-003</b>	<b>0.0000</b>	<b>174.7215</b>	<b>174.7215</b>	<b>5.8700e-003</b>	<b>0.0000</b>	<b>174.8683</b>

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**3.6 Paving - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1300e-003	5.9000e-004	8.9600e-003	5.0000e-005	7.9900e-003	2.0000e-005	8.0100e-003	2.1200e-003	2.0000e-005	2.1400e-003	0.0000	4.3298	4.3298	4.0000e-005	0.0000	4.3307
<b>Total</b>	<b>1.1300e-003</b>	<b>5.9000e-004</b>	<b>8.9600e-003</b>	<b>5.0000e-005</b>	<b>7.9900e-003</b>	<b>2.0000e-005</b>	<b>8.0100e-003</b>	<b>2.1200e-003</b>	<b>2.0000e-005</b>	<b>2.1400e-003</b>	<b>0.0000</b>	<b>4.3298</b>	<b>4.3298</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>4.3307</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0733	0.2651	1.1468	2.0300e-003		8.4400e-003	8.4400e-003		8.4400e-003	8.4400e-003	0.0000	174.7213	174.7213	5.8700e-003	0.0000	174.8681
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0733</b>	<b>0.2651</b>	<b>1.1468</b>	<b>2.0300e-003</b>		<b>8.4400e-003</b>	<b>8.4400e-003</b>		<b>8.4400e-003</b>	<b>8.4400e-003</b>	<b>0.0000</b>	<b>174.7213</b>	<b>174.7213</b>	<b>5.8700e-003</b>	<b>0.0000</b>	<b>174.8681</b>

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**3.6 Paving - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1300e-003	5.9000e-004	8.9600e-003	5.0000e-005	7.9900e-003	2.0000e-005	8.0100e-003	2.1200e-003	2.0000e-005	2.1400e-003	0.0000	4.3298	4.3298	4.0000e-005	0.0000	4.3307
<b>Total</b>	<b>1.1300e-003</b>	<b>5.9000e-004</b>	<b>8.9600e-003</b>	<b>5.0000e-005</b>	<b>7.9900e-003</b>	<b>2.0000e-005</b>	<b>8.0100e-003</b>	<b>2.1200e-003</b>	<b>2.0000e-005</b>	<b>2.1400e-003</b>	<b>0.0000</b>	<b>4.3298</b>	<b>4.3298</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>4.3307</b>

**3.6 Paving - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0935	0.3382	1.4631	2.5900e-003		0.0108	0.0108		0.0108	0.0108	0.0000	222.9205	222.9205	7.4900e-003	0.0000	223.1078
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0935</b>	<b>0.3382</b>	<b>1.4631</b>	<b>2.5900e-003</b>		<b>0.0108</b>	<b>0.0108</b>		<b>0.0108</b>	<b>0.0108</b>	<b>0.0000</b>	<b>222.9205</b>	<b>222.9205</b>	<b>7.4900e-003</b>	<b>0.0000</b>	<b>223.1078</b>

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**3.6 Paving - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4400e-003	7.6000e-004	0.0114	6.0000e-005	0.0102	3.0000e-005	0.0102	2.7100e-003	2.0000e-005	2.7300e-003	0.0000	5.5242	5.5242	5.0000e-005	0.0000	5.5254
<b>Total</b>	<b>1.4400e-003</b>	<b>7.6000e-004</b>	<b>0.0114</b>	<b>6.0000e-005</b>	<b>0.0102</b>	<b>3.0000e-005</b>	<b>0.0102</b>	<b>2.7100e-003</b>	<b>2.0000e-005</b>	<b>2.7300e-003</b>	<b>0.0000</b>	<b>5.5242</b>	<b>5.5242</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>5.5254</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0935	0.3382	1.4631	2.5900e-003		0.0108	0.0108		0.0108	0.0108	0.0000	222.9203	222.9203	7.4900e-003	0.0000	223.1076
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0935</b>	<b>0.3382</b>	<b>1.4631</b>	<b>2.5900e-003</b>		<b>0.0108</b>	<b>0.0108</b>		<b>0.0108</b>	<b>0.0108</b>	<b>0.0000</b>	<b>222.9203</b>	<b>222.9203</b>	<b>7.4900e-003</b>	<b>0.0000</b>	<b>223.1076</b>

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**3.6 Paving - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4400e-003	7.6000e-004	0.0114	6.0000e-005	0.0102	3.0000e-005	0.0102	2.7100e-003	2.0000e-005	2.7300e-003	0.0000	5.5242	5.5242	5.0000e-005	0.0000	5.5254
<b>Total</b>	<b>1.4400e-003</b>	<b>7.6000e-004</b>	<b>0.0114</b>	<b>6.0000e-005</b>	<b>0.0102</b>	<b>3.0000e-005</b>	<b>0.0102</b>	<b>2.7100e-003</b>	<b>2.0000e-005</b>	<b>2.7300e-003</b>	<b>0.0000</b>	<b>5.5242</b>	<b>5.5242</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>5.5254</b>

**3.7 Architectural Coating - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	7.6929					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3700e-003	0.0276	0.0681	1.1000e-004		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	9.7024	9.7024	3.4000e-004	0.0000	9.7109
<b>Total</b>	<b>7.6972</b>	<b>0.0276</b>	<b>0.0681</b>	<b>1.1000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>9.7024</b>	<b>9.7024</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>9.7109</b>

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**3.7 Architectural Coating - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0410	0.0216	0.3259	1.7400e-003	0.2905	7.5000e-004	0.2913	0.0773	6.9000e-004	0.0780	0.0000	157.4955	157.4955	1.3800e-003	0.0000	157.5301
<b>Total</b>	<b>0.0410</b>	<b>0.0216</b>	<b>0.3259</b>	<b>1.7400e-003</b>	<b>0.2905</b>	<b>7.5000e-004</b>	<b>0.2913</b>	<b>0.0773</b>	<b>6.9000e-004</b>	<b>0.0780</b>	<b>0.0000</b>	<b>157.4955</b>	<b>157.4955</b>	<b>1.3800e-003</b>	<b>0.0000</b>	<b>157.5301</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	7.6929					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3700e-003	0.0276	0.0681	1.1000e-004		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	9.7024	9.7024	3.4000e-004	0.0000	9.7109
<b>Total</b>	<b>7.6972</b>	<b>0.0276</b>	<b>0.0681</b>	<b>1.1000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>9.7024</b>	<b>9.7024</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>9.7109</b>

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**3.7 Architectural Coating - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0410	0.0216	0.3259	1.7400e-003	0.2905	7.5000e-004	0.2913	0.0773	6.9000e-004	0.0780	0.0000	157.4955	157.4955	1.3800e-003	0.0000	157.5301
<b>Total</b>	<b>0.0410</b>	<b>0.0216</b>	<b>0.3259</b>	<b>1.7400e-003</b>	<b>0.2905</b>	<b>7.5000e-004</b>	<b>0.2913</b>	<b>0.0773</b>	<b>6.9000e-004</b>	<b>0.0780</b>	<b>0.0000</b>	<b>157.4955</b>	<b>157.4955</b>	<b>1.3800e-003</b>	<b>0.0000</b>	<b>157.5301</b>

**3.7 Architectural Coating - 2043**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	25.7103					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0146	0.0923	0.2276	3.8000e-004		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004	0.0000	32.4263	32.4263	1.1400e-003	0.0000	32.4549
<b>Total</b>	<b>25.7249</b>	<b>0.0923</b>	<b>0.2276</b>	<b>3.8000e-004</b>		<b>9.4000e-004</b>	<b>9.4000e-004</b>		<b>9.4000e-004</b>	<b>9.4000e-004</b>	<b>0.0000</b>	<b>32.4263</b>	<b>32.4263</b>	<b>1.1400e-003</b>	<b>0.0000</b>	<b>32.4549</b>

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**3.7 Architectural Coating - 2043**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1369	0.0722	1.0890	5.8100e-003	0.9710	2.5000e-003	0.9735	0.2583	2.3000e-003	0.2606	0.0000	526.3664	526.3664	4.6300e-003	0.0000	526.4820
<b>Total</b>	<b>0.1369</b>	<b>0.0722</b>	<b>1.0890</b>	<b>5.8100e-003</b>	<b>0.9710</b>	<b>2.5000e-003</b>	<b>0.9735</b>	<b>0.2583</b>	<b>2.3000e-003</b>	<b>0.2606</b>	<b>0.0000</b>	<b>526.3664</b>	<b>526.3664</b>	<b>4.6300e-003</b>	<b>0.0000</b>	<b>526.4820</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	25.7103					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0146	0.0923	0.2276	3.8000e-004		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004	0.0000	32.4263	32.4263	1.1400e-003	0.0000	32.4548
<b>Total</b>	<b>25.7249</b>	<b>0.0923</b>	<b>0.2276</b>	<b>3.8000e-004</b>		<b>9.4000e-004</b>	<b>9.4000e-004</b>		<b>9.4000e-004</b>	<b>9.4000e-004</b>	<b>0.0000</b>	<b>32.4263</b>	<b>32.4263</b>	<b>1.1400e-003</b>	<b>0.0000</b>	<b>32.4548</b>



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**3.7 Architectural Coating - 2043**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1369	0.0722	1.0890	5.8100e-003	0.9710	2.5000e-003	0.9735	0.2583	2.3000e-003	0.2606	0.0000	526.3664	526.3664	4.6300e-003	0.0000	526.4820
<b>Total</b>	<b>0.1369</b>	<b>0.0722</b>	<b>1.0890</b>	<b>5.8100e-003</b>	<b>0.9710</b>	<b>2.5000e-003</b>	<b>0.9735</b>	<b>0.2583</b>	<b>2.3000e-003</b>	<b>0.2606</b>	<b>0.0000</b>	<b>526.3664</b>	<b>526.3664</b>	<b>4.6300e-003</b>	<b>0.0000</b>	<b>526.4820</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Integrate Below Market Rate Housing

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	6.3730	33.1809	70.4754	0.3264	37.9476	0.1686	38.1162	10.1602	0.1567	10.3169	0.0000	30,218.93 21	30,218.93 21	1.1290	0.0000	30,247.15 60
Unmitigated	6.4019	33.3224	71.1452	0.3300	38.4085	0.1703	38.5788	10.2837	0.1583	10.4419	0.0000	30,556.27 81	30,556.27 81	1.1389	0.0000	30,584.75 16

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	10,972.35	11,921.40	10106.55	28,186,764	27,848,523
Apartments Mid Rise	20,515.25	19,713.15	18078.10	51,456,901	50,839,418
City Park	150.26	1,808.63	1330.83	1,025,459	1,013,153
Condo/Townhouse	871.50	850.50	726.00	2,175,327	2,149,223
Elementary School	1,535.29	0.00	0.00	2,306,054	2,278,381
General Light Industry	1,290.84	244.46	125.94	2,696,455	2,664,098
Racquet Club	883.89	1,345.05	1096.20	1,294,152	1,278,622
Regional Shopping Center	10,419.65	12,193.68	6159.06	14,063,079	13,894,322
<b>Total</b>	<b>46,639.03</b>	<b>48,076.87</b>	<b>37,622.68</b>	<b>103,204,191</b>	<b>101,965,741</b>

4.3 Trip Type Information

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Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Apartments Mid Rise	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
City Park	10.00	5.00	6.50	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Elementary School	10.00	5.00	6.50	65.00	30.00	5.00	63	25	12
General Light Industry	10.00	5.00	6.50	59.00	28.00	13.00	92	5	3
Racquet Club	10.00	5.00	6.50	11.50	69.50	19.00	52	39	9
Regional Shopping Center	10.00	5.00	6.50	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Apartments Mid Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
City Park	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Condo/Townhouse	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Elementary School	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
General Light Industry	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Racquet Club	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Regional Shopping Center	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Electricity Mitigated							0.0000	0.0000		0.0000	0.0000	1,817.688 2	1,817.688 2	0.3664	0.0758	1,849.442 4	
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	1,817.688 2	1,817.688 2	0.3664	0.0758	1,849.442 4	
NaturalGas Mitigated	0.3447	2.9804	1.5066	0.0188			0.2382	0.2382		0.2382	0.2382	0.0000	3,411.6555	3,411.6555	0.0654	0.0626	3,431.929 3
NaturalGas Unmitigated	0.3447	2.9804	1.5066	0.0188			0.2382	0.2382		0.2382	0.2382	0.0000	3,411.6555	3,411.6555	0.0654	0.0626	3,431.929 3

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**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.90474e+007	0.1027	0.8777	0.3735	5.6000e-003		0.0710	0.0710		0.0710	0.0710	0.0000	1,016.4436	1,016.4436	0.0195	0.0186	1,022.4838
Apartments Mid Rise	3.00729e+007	0.1622	1.3857	0.5897	8.8400e-003		0.1120	0.1120		0.1120	0.1120	0.0000	1,604.8039	1,604.8039	0.0308	0.0294	1,614.3404
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	3.08269e+006	0.0166	0.1421	0.0604	9.1000e-004		0.0115	0.0115		0.0115	0.0115	0.0000	164.5039	164.5039	3.1500e-003	3.0200e-003	165.4815
Elementary School	1.51837e+006	8.1900e-003	0.0744	0.0625	4.5000e-004		5.6600e-003	5.6600e-003		5.6600e-003	5.6600e-003	0.0000	81.0260	81.0260	1.5500e-003	1.4900e-003	81.5075
General Light Industry	6.63201e+006	0.0358	0.3251	0.2731	1.9500e-003		0.0247	0.0247		0.0247	0.0247	0.0000	353.9094	353.9094	6.7800e-003	6.4900e-003	356.0125
Racquet Club	2.25603e+006	0.0122	0.1106	0.0929	6.6000e-004		8.4000e-003	8.4000e-003		8.4000e-003	8.4000e-003	0.0000	120.3904	120.3904	2.3100e-003	2.2100e-003	121.1058
Regional Shopping Center	1.32259e+006	7.1300e-003	0.0648	0.0545	3.9000e-004		4.9300e-003	4.9300e-003		4.9300e-003	4.9300e-003	0.0000	70.5784	70.5784	1.3500e-003	1.2900e-003	70.9978
<b>Total</b>		<b>0.3447</b>	<b>2.9804</b>	<b>1.5065</b>	<b>0.0188</b>		<b>0.2382</b>	<b>0.2382</b>		<b>0.2382</b>	<b>0.2382</b>	<b>0.0000</b>	<b>3,411.6555</b>	<b>3,411.6555</b>	<b>0.0654</b>	<b>0.0626</b>	<b>3,431.9293</b>

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**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.90474e+007	0.1027	0.8777	0.3735	5.6000e-003		0.0710	0.0710		0.0710	0.0710	0.0000	1,016.4436	1,016.4436	0.0195	0.0186	1,022.4838
Apartments Mid Rise	3.00729e+007	0.1622	1.3857	0.5897	8.8400e-003		0.1120	0.1120		0.1120	0.1120	0.0000	1,604.8039	1,604.8039	0.0308	0.0294	1,614.3404
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	3.08269e+006	0.0166	0.1421	0.0604	9.1000e-004		0.0115	0.0115		0.0115	0.0115	0.0000	164.5039	164.5039	3.1500e-003	3.0200e-003	165.4815
Elementary School	1.51837e+006	8.1900e-003	0.0744	0.0625	4.5000e-004		5.6600e-003	5.6600e-003		5.6600e-003	5.6600e-003	0.0000	81.0260	81.0260	1.5500e-003	1.4900e-003	81.5075
General Light Industry	6.63201e+006	0.0358	0.3251	0.2731	1.9500e-003		0.0247	0.0247		0.0247	0.0247	0.0000	353.9094	353.9094	6.7800e-003	6.4900e-003	356.0125
Racquet Club	2.25603e+006	0.0122	0.1106	0.0929	6.6000e-004		8.4000e-003	8.4000e-003		8.4000e-003	8.4000e-003	0.0000	120.3904	120.3904	2.3100e-003	2.2100e-003	121.1058
Regional Shopping Center	1.32259e+006	7.1300e-003	0.0648	0.0545	3.9000e-004		4.9300e-003	4.9300e-003		4.9300e-003	4.9300e-003	0.0000	70.5784	70.5784	1.3500e-003	1.2900e-003	70.9978
<b>Total</b>		<b>0.3447</b>	<b>2.9804</b>	<b>1.5065</b>	<b>0.0188</b>		<b>0.2382</b>	<b>0.2382</b>		<b>0.2382</b>	<b>0.2382</b>	<b>0.0000</b>	<b>3,411.6555</b>	<b>3,411.6555</b>	<b>0.0654</b>	<b>0.0626</b>	<b>3,431.9293</b>

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**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	7.03187e+006	458.8245	0.0925	0.0191	466.8399
Apartments Mid Rise	1.30316e+007	850.3051	0.1714	0.0355	865.1596
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	772651	50.4149	0.0102	2.1000e-003	51.2956
Elementary School	728340	47.5237	9.5800e-003	1.9800e-003	48.3539
General Light Industry	2.81134e+006	183.4376	0.0370	7.6500e-003	186.6422
Racquet Club	892710	58.2487	0.0117	2.4300e-003	59.2663
Regional Shopping Center	2.58905e+006	168.9338	0.0341	7.0500e-003	171.8850
<b>Total</b>		<b>1,817.6882</b>	<b>0.3664</b>	<b>0.0758</b>	<b>1,849.4424</b>

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**5.3 Energy by Land Use - Electricity****Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	7.03187e+006	458.8245	0.0925	0.0191	466.8399
Apartments Mid Rise	1.30316e+007	850.3051	0.1714	0.0355	865.1596
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	772651	50.4149	0.0102	2.1000e-003	51.2956
Elementary School	728340	47.5237	9.5800e-003	1.9800e-003	48.3539
General Light Industry	2.81134e+006	183.4376	0.0370	7.6500e-003	186.6422
Racquet Club	892710	58.2487	0.0117	2.4300e-003	59.2663
Regional Shopping Center	2.58905e+006	168.9338	0.0341	7.0500e-003	171.8850
<b>Total</b>		<b>1,817.688 2</b>	<b>0.3664</b>	<b>0.0758</b>	<b>1,849.442 4</b>

**6.0 Area Detail****6.1 Mitigation Measures Area**



West Broadway Future\_Default - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	26.3271	0.5810	50.3629	2.6700e-003		0.2803	0.2803		0.2803	0.2803	0.0000	82.5598	82.5598	0.0786	0.0000	84.5253
Unmitigated	26.3271	0.5810	50.3629	2.6700e-003		0.2803	0.2803		0.2803	0.2803	0.0000	82.5598	82.5598	0.0786	0.0000	84.5253

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.3403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	21.4805					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5064	0.5810	50.3629	2.6700e-003		0.2803	0.2803		0.2803	0.2803	0.0000	82.5598	82.5598	0.0786	0.0000	84.5253
<b>Total</b>	<b>26.3271</b>	<b>0.5810</b>	<b>50.3629</b>	<b>2.6700e-003</b>		<b>0.2803</b>	<b>0.2803</b>		<b>0.2803</b>	<b>0.2803</b>	<b>0.0000</b>	<b>82.5598</b>	<b>82.5598</b>	<b>0.0786</b>	<b>0.0000</b>	<b>84.5253</b>

West Broadway Future\_Default - Sacramento County, Annual

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.3403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	21.4805					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5064	0.5810	50.3629	2.6700e-003		0.2803	0.2803		0.2803	0.2803	0.0000	82.5598	82.5598	0.0786	0.0000	84.5253
<b>Total</b>	<b>26.3271</b>	<b>0.5810</b>	<b>50.3629</b>	<b>2.6700e-003</b>		<b>0.2803</b>	<b>0.2803</b>		<b>0.2803</b>	<b>0.2803</b>	<b>0.0000</b>	<b>82.5598</b>	<b>82.5598</b>	<b>0.0786</b>	<b>0.0000</b>	<b>84.5253</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

West Broadway Future\_Default - Sacramento County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	334.9243	0.5109	0.3058	438.8385
Unmitigated	334.9243	0.5109	0.3058	438.8385

## West Broadway Future\_Default - Sacramento County, Annual

**7.2 Water by Land Use****Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	108.481 / 68.3905	89.2679	0.1424	0.0856	118.3323
Apartments Mid Rise	201 / 126.717	165.4003	0.2638	0.1586	219.2524
City Park	0 / 94.7228	21.6321	4.3600e-003	9.0000e-004	22.0100
Condo/Townhouse	9.7731 / 6.1613	8.0422	0.0128	7.7100e-003	10.6606
Elementary School	2.88519 / 7.41907	3.6531	4.0400e-003	2.3300e-003	4.4485
General Light Industry	42.8275 / 0	29.0761	0.0550	0.0335	40.4428
Racquet Club	3.72602 / 2.28369	3.0512	4.8900e-003	2.9400e-003	4.0492
Regional Shopping Center	18.0752 / 11.0783	14.8015	0.0237	0.0143	19.6429
<b>Total</b>		<b>334.9243</b>	<b>0.5109</b>	<b>0.3058</b>	<b>438.8385</b>

West Broadway Future\_Default - Sacramento County, Annual

**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	108.481 / 68.3905	89.2679	0.1424	0.0856	118.3323
Apartments Mid Rise	201 / 126.717	165.4003	0.2638	0.1586	219.2524
City Park	0 / 94.7228	21.6321	4.3600e-003	9.0000e-004	22.0100
Condo/Townhouse	9.7731 / 6.1613	8.0422	0.0128	7.7100e-003	10.6606
Elementary School	2.88519 / 7.41907	3.6531	4.0400e-003	2.3300e-003	4.4485
General Light Industry	42.8275 / 0	29.0761	0.0550	0.0335	40.4428
Racquet Club	3.72602 / 2.28369	3.0512	4.8900e-003	2.9400e-003	4.0492
Regional Shopping Center	18.0752 / 11.0783	14.8015	0.0237	0.0143	19.6429
<b>Total</b>		<b>334.9243</b>	<b>0.5109</b>	<b>0.3058</b>	<b>438.8385</b>

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

West Broadway Future\_Default - Sacramento County, Annual

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	656.7082	38.8104	0.0000	1,626.9669
Unmitigated	656.7082	38.8104	0.0000	1,626.9669

West Broadway Future\_Default - Sacramento County, Annual

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	765.9	155.4708	9.1881	0.0000	385.1723
Apartments Mid Rise	1419.1	288.0645	17.0241	0.0000	713.6675
City Park	6.84	1.3885	0.0821	0.0000	3.4399
Condo/Townhouse	69	14.0064	0.8278	0.0000	34.7002
Elementary School	129.35	26.2569	1.5517	0.0000	65.0503
General Light Industry	229.65	46.6169	2.7550	0.0000	115.4913
Racquet Club	359.1	72.8941	4.3079	0.0000	180.5919
Regional Shopping Center	256.22	52.0103	3.0737	0.0000	128.8534
<b>Total</b>		<b>656.7082</b>	<b>38.8104</b>	<b>0.0000</b>	<b>1,626.9669</b>

West Broadway Future\_Default - Sacramento County, Annual

**8.2 Waste by Land Use**

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	765.9	155.4708	9.1881	0.0000	385.1723
Apartments Mid Rise	1419.1	288.0645	17.0241	0.0000	713.6675
City Park	6.84	1.3885	0.0821	0.0000	3.4399
Condo/Townhouse	69	14.0064	0.8278	0.0000	34.7002
Elementary School	129.35	26.2569	1.5517	0.0000	65.0503
General Light Industry	229.65	46.6169	2.7550	0.0000	115.4913
Racquet Club	359.1	72.8941	4.3079	0.0000	180.5919
Regional Shopping Center	256.22	52.0103	3.0737	0.0000	128.8534
<b>Total</b>		<b>656.7082</b>	<b>38.8104</b>	<b>0.0000</b>	<b>1,626.9669</b>

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

**Fire Pumps and Emergency Generators**



West Broadway Future\_Default - Sacramento County, Annual

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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## West Broadway Future\_Default - Sacramento County, Summer

### West Broadway Future\_Default Sacramento County, Summer

## 1.0 Project Characteristics

### 1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	99.50	1000sqft	2.28	99,500.00	0
General Light Industry	185.20	1000sqft	4.25	185,200.00	0
City Park	79.50	Acre	79.50	3,463,020.00	0
Racquet Club	63.00	1000sqft	1.45	63,000.00	0
Apartments Low Rise	1,665.00	Dwelling Unit	104.06	1,665,000.00	4446
Apartments Mid Rise	3,085.00	Dwelling Unit	81.18	3,085,000.00	8237
Condo/Townhouse	150.00	Dwelling Unit	9.38	150,000.00	401
Regional Shopping Center	244.02	1000sqft	5.60	244,020.00	0

### 1.2 Other Project Characteristics

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.5	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	6			<b>Operational Year</b>	2035
<b>Utility Company</b>	Sacramento Municipal Utility District				
<b>CO2 Intensity (lb/MWhr)</b>	143.85	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

### 1.3 User Entered Comments & Non-Default Data

West Broadway Future\_Default - Sacramento County, Summer

Vehicle Trips -

Project Characteristics -

Mobile Land Use Mitigation -

Table Name	Column Name	Default Value	New Value
tblEnergyUse	T24E	511.12	240.23
tblEnergyUse	T24E	460.92	428.66
tblEnergyUse	T24E	381.61	354.90
tblEnergyUse	T24E	3.41	2.40
tblEnergyUse	T24E	3.26	2.30
tblEnergyUse	T24NG	9,411.72	8,752.90
tblProjectCharacteristics	CO2IntensityFactor	590.31	143.85

## 2.0 Emissions Summary

### 2.1 Overall Construction (Maximum Daily Emission)

#### Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.4031	34.1972	22.4625	0.0428	0.9636	1.6630	2.6266	0.1669	1.5460	1.7128	0.0000	4,161.0109	4,161.0109	1.0780	0.0000	4,187.9619
2021	4.2713	46.4409	31.4768	0.0636	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,160.3393	6,160.3393	1.9469	0.0000	6,209.0112
2022	3.6996	38.8804	29.5925	0.0636	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,159.2088	6,159.2088	1.9479	0.0000	6,207.9058
2023	22.4719	119.2605	173.1881	0.6835	46.7565	1.4255	47.8455	12.5632	1.3114	13.5850	0.0000	69,810.4029	69,810.4029	2.9444	0.0000	69,884.0130

West Broadway Future\_Default - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	21.1338	115.6870	161.9332	0.6672	46.7558	0.9904	47.7462	12.5630	0.9287	13.4917	0.0000	68,192.73 27	68,192.73 27	2.8390	0.0000	68,263.70 70
2025	19.9569	112.2740	151.7380	0.6511	46.7551	0.8936	47.6488	12.5628	0.8376	13.4004	0.0000	66,595.65 57	66,595.65 57	2.7463	0.0000	66,664.31 25
2026	19.0027	110.0231	143.0229	0.6366	46.7546	0.8801	47.6347	12.5625	0.8249	13.3875	0.0000	65,163.09 79	65,163.09 79	2.6682	0.0000	65,229.80 32
2027	18.0807	107.9678	135.1941	0.6236	46.7541	0.8631	47.6171	12.5624	0.8090	13.3713	0.0000	63,874.92 07	63,874.92 07	2.5966	0.0000	63,939.83 67
2028	17.1520	106.1917	128.3256	0.6121	46.7537	0.8433	47.5969	12.5622	0.7906	13.3528	0.0000	62,737.23 79	62,737.23 79	2.5328	0.0000	62,800.55 71
2029	16.1568	104.5102	121.8388	0.6020	46.7533	0.8240	47.5773	12.5621	0.7727	13.3347	0.0000	61,726.94 21	61,726.94 21	2.4713	0.0000	61,788.72 42
2030	15.1379	98.4166	116.1306	0.5970	46.7529	0.4263	47.1793	12.5619	0.4075	12.9695	0.0000	61,177.47 63	61,177.47 63	1.9297	0.0000	61,225.71 77
2031	14.1377	96.9869	110.7029	0.5891	46.7527	0.4092	47.1619	12.5618	0.3916	12.9535	0.0000	60,399.97 36	60,399.97 36	1.8776	0.0000	60,446.91 29
2032	13.2426	95.6826	105.9571	0.5824	46.7524	0.3939	47.1463	12.5617	0.3774	12.9391	0.0000	59,728.18 29	59,728.18 29	1.8321	0.0000	59,773.98 47
2033	12.5072	94.5469	101.9519	0.5765	46.7522	0.3803	47.1325	12.5617	0.3647	12.9264	0.0000	59,148.32 75	59,148.32 75	1.7936	0.0000	59,193.16 64
2034	11.8418	93.5149	98.1731	0.5715	46.7520	0.3674	47.1195	12.5616	0.3528	12.9144	0.0000	58,649.27 77	58,649.27 77	1.7576	0.0000	58,693.21 75
2035	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.36 85	58,226.36 85	1.7179	0.0000	58,269.31 64
2036	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.36 85	58,226.36 85	1.7179	0.0000	58,269.31 64
2037	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.36 85	58,226.36 85	1.7179	0.0000	58,269.31 64
2038	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.36 85	58,226.36 85	1.7179	0.0000	58,269.31 64
2039	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.36 85	58,226.36 85	1.7179	0.0000	58,269.31 64
2040	9.0426	88.6590	84.9205	0.5548	46.7513	0.2459	46.9972	12.5613	0.2347	12.7960	0.0000	56,996.96 60	56,996.96 60	1.6108	0.0000	57,037.23 47
2041	9.0426	88.6590	84.9205	0.5548	46.7513	0.2459	46.9972	12.5613	0.2347	12.7960	0.0000	56,996.96 60	56,996.96 60	1.6108	0.0000	57,037.23 47

West Broadway Future\_Default - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2042	203.7631	3.6641	15.9692	0.0536	7.9189	0.1167	7.9460	2.1006	0.1167	2.1261	0.0000	5,339.707 2	5,339.707 2	0.0899	0.0000	5,341.107 0
2043	203.7631	1.2458	12.3048	0.0536	7.9189	0.0271	7.9460	2.1006	0.0255	2.1261	0.0000	5,339.707 2	5,339.707 2	0.0560	0.0000	5,341.107 0
<b>Maximum</b>	<b>203.7631</b>	<b>119.2605</b>	<b>173.1881</b>	<b>0.6835</b>	<b>46.7565</b>	<b>2.0454</b>	<b>47.8455</b>	<b>12.5632</b>	<b>1.8818</b>	<b>13.5850</b>	<b>0.0000</b>	<b>69,810.40 29</b>	<b>69,810.40 29</b>	<b>2.9444</b>	<b>0.0000</b>	<b>69,884.01 30</b>

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.4031	34.1972	22.4625	0.0428	0.9636	1.6630	2.6266	0.1669	1.5460	1.7128	0.0000	4,161.010 9	4,161.010 9	1.0780	0.0000	4,187.961 9
2021	4.2713	46.4409	31.4768	0.0636	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,160.339 2	6,160.339 2	1.9469	0.0000	6,209.0112
2022	3.6996	38.8804	29.5925	0.0636	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,159.208 8	6,159.208 8	1.9479	0.0000	6,207.905 8
2023	22.4719	119.2605	173.1881	0.6835	46.7565	1.4255	47.8455	12.5632	1.3114	13.5850	0.0000	69,810.40 29	69,810.40 29	2.9444	0.0000	69,884.01 30
2024	21.1338	115.6870	161.9332	0.6672	46.7558	0.9904	47.7462	12.5630	0.9287	13.4917	0.0000	68,192.73 27	68,192.73 27	2.8390	0.0000	68,263.70 70
2025	19.9569	112.2740	151.7380	0.6511	46.7551	0.8936	47.6488	12.5628	0.8376	13.4004	0.0000	66,595.65 57	66,595.65 57	2.7463	0.0000	66,664.31 25
2026	19.0027	110.0231	143.0229	0.6366	46.7546	0.8801	47.6347	12.5625	0.8249	13.3875	0.0000	65,163.09 79	65,163.09 79	2.6682	0.0000	65,229.80 32
2027	18.0807	107.9678	135.1941	0.6236	46.7541	0.8631	47.6171	12.5624	0.8090	13.3713	0.0000	63,874.92 07	63,874.92 07	2.5966	0.0000	63,939.83 67
2028	17.1520	106.1917	128.3256	0.6121	46.7537	0.8433	47.5969	12.5622	0.7906	13.3528	0.0000	62,737.23 79	62,737.23 79	2.5328	0.0000	62,800.55 71

West Broadway Future\_Default - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2029	16.1568	104.5102	121.8388	0.6020	46.7533	0.8240	47.5773	12.5621	0.7727	13.3347	0.0000	61,726.94 21	61,726.94 21	2.4713	0.0000	61,788.72 42
2030	15.1379	98.4166	116.1306	0.5970	46.7529	0.4263	47.1793	12.5619	0.4075	12.9695	0.0000	61,177.47 63	61,177.47 63	1.9297	0.0000	61,225.71 77
2031	14.1377	96.9869	110.7029	0.5891	46.7527	0.4092	47.1619	12.5618	0.3916	12.9535	0.0000	60,399.97 36	60,399.97 36	1.8776	0.0000	60,446.91 29
2032	13.2426	95.6826	105.9571	0.5824	46.7524	0.3939	47.1463	12.5617	0.3774	12.9391	0.0000	59,728.18 29	59,728.18 29	1.8321	0.0000	59,773.98 47
2033	12.5072	94.5469	101.9519	0.5765	46.7522	0.3803	47.1325	12.5617	0.3647	12.9264	0.0000	59,148.32 75	59,148.32 75	1.7936	0.0000	59,193.16 64
2034	11.8418	93.5149	98.1731	0.5715	46.7520	0.3674	47.1195	12.5616	0.3528	12.9144	0.0000	58,649.27 77	58,649.27 77	1.7576	0.0000	58,693.21 75
2035	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.36 85	58,226.36 85	1.7179	0.0000	58,269.31 64
2036	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.36 85	58,226.36 85	1.7179	0.0000	58,269.31 64
2037	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.36 85	58,226.36 85	1.7179	0.0000	58,269.31 64
2038	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.36 85	58,226.36 85	1.7179	0.0000	58,269.31 64
2039	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.36 85	58,226.36 85	1.7179	0.0000	58,269.31 64
2040	9.0426	88.6590	84.9205	0.5548	46.7513	0.2459	46.9972	12.5613	0.2347	12.7960	0.0000	56,996.96 60	56,996.96 60	1.6108	0.0000	57,037.23 47
2041	9.0426	88.6590	84.9205	0.5548	46.7513	0.2459	46.9972	12.5613	0.2347	12.7960	0.0000	56,996.96 60	56,996.96 60	1.6108	0.0000	57,037.23 47
2042	203.7631	3.6641	15.9692	0.0536	7.9189	0.1167	7.9460	2.1006	0.1167	2.1261	0.0000	5,339.707 2	5,339.707 2	0.0899	0.0000	5,341.107 0
2043	203.7631	1.2458	12.3048	0.0536	7.9189	0.0271	7.9460	2.1006	0.0255	2.1261	0.0000	5,339.707 2	5,339.707 2	0.0560	0.0000	5,341.107 0
<b>Maximum</b>	<b>203.7631</b>	<b>119.2605</b>	<b>173.1881</b>	<b>0.6835</b>	<b>46.7565</b>	<b>2.0454</b>	<b>47.8455</b>	<b>12.5632</b>	<b>1.8818</b>	<b>13.5850</b>	<b>0.0000</b>	<b>69,810.40 29</b>	<b>69,810.40 29</b>	<b>2.9444</b>	<b>0.0000</b>	<b>69,884.01 30</b>



West Broadway Future\_Default - Sacramento County, Summer

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Energy	1.8889	16.3309	8.2551	0.1030		1.3051	1.3051		1.3051	1.3051		20,606.6108	20,606.6108	0.3950	0.3778	20,729.0656
Mobile	51.0531	201.0845	490.1625	2.1688	242.2294	1.0399	243.2693	64.6715	0.9661	65.6377		221,048.8378	221,048.8378	7.7410		221,242.3634
<b>Total</b>	<b>200.9972</b>	<b>222.0635</b>	<b>901.3210</b>	<b>2.2932</b>	<b>242.2294</b>	<b>4.5871</b>	<b>246.8165</b>	<b>64.6715</b>	<b>4.5133</b>	<b>69.1848</b>	<b>0.0000</b>	<b>242,383.5017</b>	<b>242,383.5017</b>	<b>8.8293</b>	<b>0.3778</b>	<b>242,716.8147</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Energy	1.8889	16.3309	8.2551	0.1030		1.3051	1.3051		1.3051	1.3051		20,606.6108	20,606.6108	0.3950	0.3778	20,729.0656
Mobile	50.8718	200.2872	485.2455	2.1448	239.3227	1.0295	240.3522	63.8955	0.9564	64.8519		218,605.4706	218,605.4706	7.6715		218,797.2584
<b>Total</b>	<b>200.8159</b>	<b>221.2662</b>	<b>896.4039</b>	<b>2.2692</b>	<b>239.3227</b>	<b>4.5766</b>	<b>243.8993</b>	<b>63.8955</b>	<b>4.5036</b>	<b>68.3991</b>	<b>0.0000</b>	<b>239,940.1345</b>	<b>239,940.1345</b>	<b>8.7598</b>	<b>0.3778</b>	<b>240,271.7097</b>



## West Broadway Future\_Default - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.09	0.36	0.55	1.05	1.20	0.23	1.18	1.20	0.21	1.14	0.00	1.01	1.01	0.79	0.00	1.01

### 3.0 Construction Detail

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	2/23/2021	5	300	
2	Site Preparation	Site Preparation	2/24/2021	11/2/2021	5	180	
3	Grading	Grading	11/3/2021	8/15/2023	5	465	
4	Building Construction	Building Construction	8/16/2023	6/11/2041	5	4650	
5	Paving	Paving	6/12/2041	9/16/2042	5	330	
6	Architectural Coating	Architectural Coating	9/17/2042	12/22/2043	5	330	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 887,580; Non-Residential Outdoor: 295,860; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

## West Broadway Future\_Default - Sacramento County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

West Broadway Future\_Default - Sacramento County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	1,040.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,207.00	1,188.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,041.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>		<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0263	0.9619	0.2196	2.7500e-003	0.0670	3.5200e-003	0.0705	0.0181	3.3600e-003	0.0215		294.2791	294.2791	0.0167		294.6961
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0343	0.4898	1.2000e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		119.0269	119.0269	3.4100e-003		119.1122
<b>Total</b>	<b>0.0910</b>	<b>0.9962</b>	<b>0.7093</b>	<b>3.9500e-003</b>	<b>0.1811</b>	<b>4.3100e-003</b>	<b>0.1854</b>	<b>0.0484</b>	<b>4.0900e-003</b>	<b>0.0525</b>		<b>413.3060</b>	<b>413.3060</b>	<b>0.0201</b>		<b>413.8083</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>	<b>0.0000</b>	<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0263	0.9619	0.2196	2.7500e-003	0.0670	3.5200e-003	0.0705	0.0181	3.3600e-003	0.0215		294.2791	294.2791	0.0167		294.6961
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0343	0.4898	1.2000e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		119.0269	119.0269	3.4100e-003		119.1122
<b>Total</b>	<b>0.0910</b>	<b>0.9962</b>	<b>0.7093</b>	<b>3.9500e-003</b>	<b>0.1811</b>	<b>4.3100e-003</b>	<b>0.1854</b>	<b>0.0484</b>	<b>4.0900e-003</b>	<b>0.0525</b>		<b>413.3060</b>	<b>413.3060</b>	<b>0.0201</b>		<b>413.8083</b>

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>		<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0244	0.8847	0.2035	2.7100e-003	0.3763	3.0900e-003	0.3794	0.0941	2.9600e-003	0.0970		290.8768	290.8768	0.0164		291.2859
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0601	0.0308	0.4487	1.1500e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		114.9719	114.9719	3.0600e-003		115.0483
<b>Total</b>	<b>0.0845</b>	<b>0.9155</b>	<b>0.6523</b>	<b>3.8600e-003</b>	<b>0.4904</b>	<b>3.8600e-003</b>	<b>0.4943</b>	<b>0.1243</b>	<b>3.6700e-003</b>	<b>0.1280</b>		<b>405.8487</b>	<b>405.8487</b>	<b>0.0194</b>		<b>406.3343</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>	<b>0.0000</b>	<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0244	0.8847	0.2035	2.7100e-003	0.3763	3.0900e-003	0.3794	0.0941	2.9600e-003	0.0970		290.8768	290.8768	0.0164		291.2859
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0601	0.0308	0.4487	1.1500e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		114.9719	114.9719	3.0600e-003		115.0483
<b>Total</b>	<b>0.0845</b>	<b>0.9155</b>	<b>0.6523</b>	<b>3.8600e-003</b>	<b>0.4904</b>	<b>3.8600e-003</b>	<b>0.4943</b>	<b>0.1243</b>	<b>3.6700e-003</b>	<b>0.1280</b>		<b>405.8487</b>	<b>405.8487</b>	<b>0.0194</b>		<b>406.3343</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>		<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0721	0.0369	0.5385	1.3900e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		137.9662	137.9662	3.6700e-003		138.0580
<b>Total</b>	<b>0.0721</b>	<b>0.0369</b>	<b>0.5385</b>	<b>1.3900e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>137.9662</b>	<b>137.9662</b>	<b>3.6700e-003</b>		<b>138.0580</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>	<b>0.0000</b>	<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>



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**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0721	0.0369	0.5385	1.3900e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		137.9662	137.9662	3.6700e-003		138.0580
<b>Total</b>	<b>0.0721</b>	<b>0.0369</b>	<b>0.5385</b>	<b>1.3900e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>137.9662</b>	<b>137.9662</b>	<b>3.6700e-003</b>		<b>138.0580</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>		<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0410	0.5983	1.5400e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		153.2958	153.2958	4.0800e-003		153.3978
<b>Total</b>	<b>0.0802</b>	<b>0.0410</b>	<b>0.5983</b>	<b>1.5400e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>153.2958</b>	<b>153.2958</b>	<b>4.0800e-003</b>		<b>153.3978</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>	<b>0.0000</b>	<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0410	0.5983	1.5400e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		153.2958	153.2958	4.0800e-003		153.3978
<b>Total</b>	<b>0.0802</b>	<b>0.0410</b>	<b>0.5983</b>	<b>1.5400e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>153.2958</b>	<b>153.2958</b>	<b>4.0800e-003</b>		<b>153.3978</b>

**3.4 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>		<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0748	0.0369	0.5510	1.4800e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		147.7983	147.7983	3.6700e-003		147.8899
<b>Total</b>	<b>0.0748</b>	<b>0.0369</b>	<b>0.5510</b>	<b>1.4800e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>147.7983</b>	<b>147.7983</b>	<b>3.6700e-003</b>		<b>147.8899</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>	<b>0.0000</b>	<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

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**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0748	0.0369	0.5510	1.4800e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		147.7983	147.7983	3.6700e-003		147.8899
<b>Total</b>	<b>0.0748</b>	<b>0.0369</b>	<b>0.5510</b>	<b>1.4800e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>147.7983</b>	<b>147.7983</b>	<b>3.6700e-003</b>		<b>147.8899</b>

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>		<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

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**3.4 Grading - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0699	0.0332	0.5072	1.4300e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		142.2416	142.2416	3.2900e-003		142.3238
<b>Total</b>	<b>0.0699</b>	<b>0.0332</b>	<b>0.5072</b>	<b>1.4300e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>142.2416</b>	<b>142.2416</b>	<b>3.2900e-003</b>		<b>142.3238</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>	<b>0.0000</b>	<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

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**3.4 Grading - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0699	0.0332	0.5072	1.4300e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		142.2416	142.2416	3.2900e-003		142.3238
<b>Total</b>	<b>0.0699</b>	<b>0.0332</b>	<b>0.5072</b>	<b>1.4300e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>142.2416</b>	<b>142.2416</b>	<b>3.2900e-003</b>		<b>142.3238</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

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**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6919	96.2269	24.9032	0.2849	7.1468	0.1352	7.2821	2.0564	0.1293	2.1857		30,222.5811	30,222.5811	1.4809		30,259.6023
Worker	18.2073	8.6487	132.0410	0.3718	39.6096	0.2541	39.8637	10.5068	0.2340	10.7409		37,032.6119	37,032.6119	0.8557		37,054.0046
<b>Total</b>	<b>20.8992</b>	<b>104.8756</b>	<b>156.9441</b>	<b>0.6566</b>	<b>46.7565</b>	<b>0.3893</b>	<b>47.1457</b>	<b>12.5632</b>	<b>0.3633</b>	<b>12.9265</b>		<b>67,255.1929</b>	<b>67,255.1929</b>	<b>2.3366</b>		<b>67,313.6070</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>



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**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6919	96.2269	24.9032	0.2849	7.1468	0.1352	7.2821	2.0564	0.1293	2.1857		30,222.5811	30,222.5811	1.4809		30,259.6023
Worker	18.2073	8.6487	132.0410	0.3718	39.6096	0.2541	39.8637	10.5068	0.2340	10.7409		37,032.6119	37,032.6119	0.8557		37,054.0046
<b>Total</b>	<b>20.8992</b>	<b>104.8756</b>	<b>156.9441</b>	<b>0.6566</b>	<b>46.7565</b>	<b>0.3893</b>	<b>47.1457</b>	<b>12.5632</b>	<b>0.3633</b>	<b>12.9265</b>		<b>67,255.1929</b>	<b>67,255.1929</b>	<b>2.3366</b>		<b>67,313.6070</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>		<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5650	94.4237	23.2769	0.2830	7.1462	0.1286	7.2748	2.0562	0.1230	2.1791		30,045.88 59	30,045.88 59	1.4627		30,082.45 29
Worker	17.0973	7.8195	122.4894	0.3572	39.6096	0.2485	39.8581	10.5068	0.2288	10.7356		35,591.14 79	35,591.14 79	0.7719		35,610.44 64
<b>Total</b>	<b>19.6622</b>	<b>102.2432</b>	<b>145.7663</b>	<b>0.6402</b>	<b>46.7558</b>	<b>0.3771</b>	<b>47.1329</b>	<b>12.5630</b>	<b>0.3518</b>	<b>12.9148</b>		<b>65,637.03 38</b>	<b>65,637.03 38</b>	<b>2.2346</b>		<b>65,692.89 93</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.698 9	2,555.698 9	0.6044		2,570.807 7
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>	<b>0.0000</b>	<b>2,555.698 9</b>	<b>2,555.698 9</b>	<b>0.6044</b>		<b>2,570.807 7</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5650	94.4237	23.2769	0.2830	7.1462	0.1286	7.2748	2.0562	0.1230	2.1791		30,045.88 59	30,045.88 59	1.4627		30,082.45 29
Worker	17.0973	7.8195	122.4894	0.3572	39.6096	0.2485	39.8581	10.5068	0.2288	10.7356		35,591.14 79	35,591.14 79	0.7719		35,610.44 64
<b>Total</b>	<b>19.6622</b>	<b>102.2432</b>	<b>145.7663</b>	<b>0.6402</b>	<b>46.7558</b>	<b>0.3771</b>	<b>47.1329</b>	<b>12.5630</b>	<b>0.3518</b>	<b>12.9148</b>		<b>65,637.03 38</b>	<b>65,637.03 38</b>	<b>2.2346</b>		<b>65,692.89 93</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4600	92.7018	22.0403	0.2813	7.1455	0.1222	7.2678	2.0559	0.1169	2.1728		29,874.84 90	29,874.84 90	1.4455		29,910.98 62
Worker	16.1295	7.1026	113.6130	0.3428	39.6096	0.2439	39.8535	10.5068	0.2245	10.7313		34,164.33 24	34,164.33 24	0.6998		34,181.82 83
<b>Total</b>	<b>18.5895</b>	<b>99.8043</b>	<b>135.6533</b>	<b>0.6241</b>	<b>46.7551</b>	<b>0.3661</b>	<b>47.1212</b>	<b>12.5628</b>	<b>0.3414</b>	<b>12.9041</b>		<b>64,039.18 13</b>	<b>64,039.18 13</b>	<b>2.1453</b>		<b>64,092.81 45</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4600	92.7018	22.0403	0.2813	7.1455	0.1222	7.2678	2.0559	0.1169	2.1728		29,874.84 90	29,874.84 90	1.4455		29,910.98 62
Worker	16.1295	7.1026	113.6130	0.3428	39.6096	0.2439	39.8535	10.5068	0.2245	10.7313		34,164.33 24	34,164.33 24	0.6998		34,181.82 83
<b>Total</b>	<b>18.5895</b>	<b>99.8043</b>	<b>135.6533</b>	<b>0.6241</b>	<b>46.7551</b>	<b>0.3661</b>	<b>47.1212</b>	<b>12.5628</b>	<b>0.3414</b>	<b>12.9041</b>		<b>64,039.18 13</b>	<b>64,039.18 13</b>	<b>2.1453</b>		<b>64,092.81 45</b>

**3.5 Building Construction - 2026**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3674	91.0634	21.0371	0.2796	7.1450	0.1158	7.2608	2.0557	0.1108	2.1665		29,712.2131	29,712.2131	1.4299		29,747.9602
Worker	15.2678	6.4900	105.9011	0.3300	39.6096	0.2367	39.8463	10.5068	0.2179	10.7247		32,894.4105	32,894.4105	0.6374		32,910.3449
<b>Total</b>	<b>17.6353</b>	<b>97.5534</b>	<b>126.9383</b>	<b>0.6096</b>	<b>46.7546</b>	<b>0.3525</b>	<b>47.1071</b>	<b>12.5625</b>	<b>0.3287</b>	<b>12.8912</b>		<b>62,606.6235</b>	<b>62,606.6235</b>	<b>2.0673</b>		<b>62,658.3051</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3674	91.0634	21.0371	0.2796	7.1450	0.1158	7.2608	2.0557	0.1108	2.1665		29,712.2131	29,712.2131	1.4299		29,747.9602
Worker	15.2678	6.4900	105.9011	0.3300	39.6096	0.2367	39.8463	10.5068	0.2179	10.7247		32,894.4105	32,894.4105	0.6374		32,910.3449
<b>Total</b>	<b>17.6353</b>	<b>97.5534</b>	<b>126.9383</b>	<b>0.6096</b>	<b>46.7546</b>	<b>0.3525</b>	<b>47.1071</b>	<b>12.5625</b>	<b>0.3287</b>	<b>12.8912</b>		<b>62,606.6235</b>	<b>62,606.6235</b>	<b>2.0673</b>		<b>62,658.3051</b>

**3.5 Building Construction - 2027**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2027**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2860	89.5580	20.1654	0.2781	7.1445	0.1104	7.2549	2.0555	0.1056	2.1611		29,559.33 20	29,559.33 20	1.4147		29,594.69 88
Worker	14.4273	5.9401	98.9441	0.3186	39.6096	0.2251	39.8347	10.5068	0.2071	10.7140		31,759.114 3	31,759.114 3	0.5810		31,773.63 99
<b>Total</b>	<b>16.7133</b>	<b>95.4981</b>	<b>119.1095</b>	<b>0.5967</b>	<b>46.7541</b>	<b>0.3355</b>	<b>47.0896</b>	<b>12.5624</b>	<b>0.3127</b>	<b>12.8751</b>		<b>61,318.44 63</b>	<b>61,318.44 63</b>	<b>1.9957</b>		<b>61,368.33 87</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>



West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2027**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2860	89.5580	20.1654	0.2781	7.1445	0.1104	7.2549	2.0555	0.1056	2.1611		29,559.33 20	29,559.33 20	1.4147		29,594.69 88
Worker	14.4273	5.9401	98.9441	0.3186	39.6096	0.2251	39.8347	10.5068	0.2071	10.7140		31,759.114 3	31,759.114 3	0.5810		31,773.63 99
<b>Total</b>	<b>16.7133</b>	<b>95.4981</b>	<b>119.1095</b>	<b>0.5967</b>	<b>46.7541</b>	<b>0.3355</b>	<b>47.0896</b>	<b>12.5624</b>	<b>0.3127</b>	<b>12.8751</b>		<b>61,318.44 63</b>	<b>61,318.44 63</b>	<b>1.9957</b>		<b>61,368.33 87</b>

**3.5 Building Construction - 2028**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2028**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2142	88.2700	19.4314	0.2768	7.1441	0.1057	7.2497	2.0554	0.1010	2.1564		29,428.53 17	29,428.53 17	1.3993		29,463.51 46
Worker	13.5704	5.4520	92.8095	0.3084	39.6096	0.2100	39.8197	10.5068	0.1933	10.7001		30,752.23 19	30,752.23 19	0.5325		30,765.54 45
<b>Total</b>	<b>15.7846</b>	<b>93.7220</b>	<b>112.2409</b>	<b>0.5852</b>	<b>46.7537</b>	<b>0.3157</b>	<b>47.0694</b>	<b>12.5622</b>	<b>0.2943</b>	<b>12.8565</b>		<b>60,180.76 35</b>	<b>60,180.76 35</b>	<b>1.9318</b>		<b>60,229.05 90</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2028**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2142	88.2700	19.4314	0.2768	7.1441	0.1057	7.2497	2.0554	0.1010	2.1564		29,428.53 17	29,428.53 17	1.3993		29,463.51 46
Worker	13.5704	5.4520	92.8095	0.3084	39.6096	0.2100	39.8197	10.5068	0.1933	10.7001		30,752.23 19	30,752.23 19	0.5325		30,765.54 45
<b>Total</b>	<b>15.7846</b>	<b>93.7220</b>	<b>112.2409</b>	<b>0.5852</b>	<b>46.7537</b>	<b>0.3157</b>	<b>47.0694</b>	<b>12.5622</b>	<b>0.2943</b>	<b>12.8565</b>		<b>60,180.76 35</b>	<b>60,180.76 35</b>	<b>1.9318</b>		<b>60,229.05 90</b>

**3.5 Building Construction - 2029**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2029**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1493	87.0431	18.8196	0.2756	7.1437	0.1008	7.2445	2.0552	0.0964	2.1516		29,309.48 85	29,309.48 85	1.3840		29,344.08 90
Worker	12.6400	4.9975	86.9346	0.2994	39.6096	0.1956	39.8053	10.5068	0.1800	10.6868		29,860.97 93	29,860.97 93	0.4863		29,873.13 72
<b>Total</b>	<b>14.7894</b>	<b>92.0405</b>	<b>105.7541</b>	<b>0.5750</b>	<b>46.7533</b>	<b>0.2965</b>	<b>47.0498</b>	<b>12.5621</b>	<b>0.2764</b>	<b>12.8385</b>		<b>59,170.46 78</b>	<b>59,170.46 78</b>	<b>1.8703</b>		<b>59,217.22 62</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2029**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1493	87.0431	18.8196	0.2756	7.1437	0.1008	7.2445	2.0552	0.0964	2.1516		29,309.48 85	29,309.48 85	1.3840		29,344.08 90
Worker	12.6400	4.9975	86.9346	0.2994	39.6096	0.1956	39.8053	10.5068	0.1800	10.6868		29,860.97 93	29,860.97 93	0.4863		29,873.13 72
<b>Total</b>	<b>14.7894</b>	<b>92.0405</b>	<b>105.7541</b>	<b>0.5750</b>	<b>46.7533</b>	<b>0.2965</b>	<b>47.0498</b>	<b>12.5621</b>	<b>0.2764</b>	<b>12.8385</b>		<b>59,170.46 78</b>	<b>59,170.46 78</b>	<b>1.8703</b>		<b>59,217.22 62</b>

**3.5 Building Construction - 2030**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2030**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0910	85.8946	18.3174	0.2745	7.1433	0.0959	7.2393	2.0551	0.0917	2.1468		29,203.4112	29,203.4112	1.3682		29,237.6150
Worker	11.7378	4.5873	81.6563	0.2915	39.6096	0.1822	39.7919	10.5068	0.1677	10.6745		29,076.5183	29,076.5183	0.4453		29,087.6499
<b>Total</b>	<b>13.8288</b>	<b>90.4820</b>	<b>99.9736</b>	<b>0.5660</b>	<b>46.7529</b>	<b>0.2782</b>	<b>47.0311</b>	<b>12.5619</b>	<b>0.2594</b>	<b>12.8213</b>		<b>58,279.9295</b>	<b>58,279.9295</b>	<b>1.8134</b>		<b>58,325.2649</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2030**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0910	85.8946	18.3174	0.2745	7.1433	0.0959	7.2393	2.0551	0.0917	2.1468		29,203.4112	29,203.4112	1.3682		29,237.6150
Worker	11.7378	4.5873	81.6563	0.2915	39.6096	0.1822	39.7919	10.5068	0.1677	10.6745		29,076.5183	29,076.5183	0.4453		29,087.6499
<b>Total</b>	<b>13.8288</b>	<b>90.4820</b>	<b>99.9736</b>	<b>0.5660</b>	<b>46.7529</b>	<b>0.2782</b>	<b>47.0311</b>	<b>12.5619</b>	<b>0.2594</b>	<b>12.8213</b>		<b>58,279.9295</b>	<b>58,279.9295</b>	<b>1.8134</b>		<b>58,325.2649</b>

**3.5 Building Construction - 2031**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2031**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0415	84.8515	17.9069	0.2736	7.1431	0.0916	7.2346	2.0550	0.0875	2.1426		29,113.35 21	29,113.35 21	1.3545		29,147.21 34
Worker	10.7871	4.2008	76.6390	0.2846	39.6096	0.1695	39.7791	10.5068	0.1559	10.6628		28,389.07 47	28,389.07 47	0.4069		28,399.24 66
<b>Total</b>	<b>12.8286</b>	<b>89.0523</b>	<b>94.5459</b>	<b>0.5582</b>	<b>46.7527</b>	<b>0.2611</b>	<b>47.0138</b>	<b>12.5618</b>	<b>0.2435</b>	<b>12.8053</b>		<b>57,502.42 69</b>	<b>57,502.42 69</b>	<b>1.7613</b>		<b>57,546.46 00</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>



West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2031**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0415	84.8515	17.9069	0.2736	7.1431	0.0916	7.2346	2.0550	0.0875	2.1426		29,113.3521	29,113.3521	1.3545		29,147.2134
Worker	10.7871	4.2008	76.6390	0.2846	39.6096	0.1695	39.7791	10.5068	0.1559	10.6628		28,389.0747	28,389.0747	0.4069		28,399.2466
<b>Total</b>	<b>12.8286</b>	<b>89.0523</b>	<b>94.5459</b>	<b>0.5582</b>	<b>46.7527</b>	<b>0.2611</b>	<b>47.0138</b>	<b>12.5618</b>	<b>0.2435</b>	<b>12.8053</b>		<b>57,502.4269</b>	<b>57,502.4269</b>	<b>1.7613</b>		<b>57,546.4600</b>

**3.5 Building Construction - 2032**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2032**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0003	83.8808	17.5821	0.2729	7.1428	0.0880	7.2308	2.0549	0.0842	2.1391		29,039.9275	29,039.9275	1.3424		29,073.4867
Worker	9.9332	3.8672	72.2180	0.2785	39.6096	0.1577	39.7673	10.5068	0.1451	10.6519		27,790.7086	27,790.7086	0.3735		27,800.0452
<b>Total</b>	<b>11.9335</b>	<b>87.7480</b>	<b>89.8001</b>	<b>0.5514</b>	<b>46.7524</b>	<b>0.2457</b>	<b>46.9981</b>	<b>12.5617</b>	<b>0.2292</b>	<b>12.7910</b>		<b>56,830.6361</b>	<b>56,830.6361</b>	<b>1.7158</b>		<b>56,873.5319</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2032**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0003	83.8808	17.5821	0.2729	7.1428	0.0880	7.2308	2.0549	0.0842	2.1391		29,039.9275	29,039.9275	1.3424		29,073.4867
Worker	9.9332	3.8672	72.2180	0.2785	39.6096	0.1577	39.7673	10.5068	0.1451	10.6519		27,790.7086	27,790.7086	0.3735		27,800.0452
<b>Total</b>	<b>11.9335</b>	<b>87.7480</b>	<b>89.8001</b>	<b>0.5514</b>	<b>46.7524</b>	<b>0.2457</b>	<b>46.9981</b>	<b>12.5617</b>	<b>0.2292</b>	<b>12.7910</b>		<b>56,830.6361</b>	<b>56,830.6361</b>	<b>1.7158</b>		<b>56,873.5319</b>

**3.5 Building Construction - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9655	83.0189	17.3066	0.2723	7.1426	0.0850	7.2276	2.0549	0.0813	2.1361		28,975.9678	28,975.9678	1.3317		29,009.2598
Worker	9.2326	3.5934	68.4882	0.2733	39.6096	0.1471	39.7567	10.5068	0.1353	10.6421		27,274.8129	27,274.8129	0.3456		27,283.4538
<b>Total</b>	<b>11.1980</b>	<b>86.6123</b>	<b>85.7949</b>	<b>0.5456</b>	<b>46.7522</b>	<b>0.2321</b>	<b>46.9843</b>	<b>12.5617</b>	<b>0.2166</b>	<b>12.7783</b>		<b>56,250.7807</b>	<b>56,250.7807</b>	<b>1.6773</b>		<b>56,292.7135</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9655	83.0189	17.3066	0.2723	7.1426	0.0850	7.2276	2.0549	0.0813	2.1361		28,975.9678	28,975.9678	1.3317		29,009.2598
Worker	9.2326	3.5934	68.4882	0.2733	39.6096	0.1471	39.7567	10.5068	0.1353	10.6421		27,274.8129	27,274.8129	0.3456		27,283.4538
<b>Total</b>	<b>11.1980</b>	<b>86.6123</b>	<b>85.7949</b>	<b>0.5456</b>	<b>46.7522</b>	<b>0.2321</b>	<b>46.9843</b>	<b>12.5617</b>	<b>0.2166</b>	<b>12.7783</b>		<b>56,250.7807</b>	<b>56,250.7807</b>	<b>1.6773</b>		<b>56,292.7135</b>

**3.5 Building Construction - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9333	82.2208	17.0558	0.2717	7.1424	0.0821	7.2245	2.0548	0.0785	2.1333		28,922.54 57	28,922.54 57	1.3217		28,955.58 75
Worker	8.5994	3.3595	64.9603	0.2688	39.6096	0.1372	39.7468	10.5068	0.1262	10.6330		26,829.18 53	26,829.18 53	0.3197		26,837.17 72
<b>Total</b>	<b>10.5327</b>	<b>85.5803</b>	<b>82.0161</b>	<b>0.5405</b>	<b>46.7520</b>	<b>0.2193</b>	<b>46.9713</b>	<b>12.5616</b>	<b>0.2047</b>	<b>12.7663</b>		<b>55,751.73 10</b>	<b>55,751.73 10</b>	<b>1.6414</b>		<b>55,792.76 47</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9333	82.2208	17.0558	0.2717	7.1424	0.0821	7.2245	2.0548	0.0785	2.1333		28,922.54 57	28,922.54 57	1.3217		28,955.58 75
Worker	8.5994	3.3595	64.9603	0.2688	39.6096	0.1372	39.7468	10.5068	0.1262	10.6330		26,829.18 53	26,829.18 53	0.3197		26,837.17 72
<b>Total</b>	<b>10.5327</b>	<b>85.5803</b>	<b>82.0161</b>	<b>0.5405</b>	<b>46.7520</b>	<b>0.2193</b>	<b>46.9713</b>	<b>12.5616</b>	<b>0.2047</b>	<b>12.7663</b>		<b>55,751.73 10</b>	<b>55,751.73 10</b>	<b>1.6414</b>		<b>55,792.76 47</b>

**3.5 Building Construction - 2035**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2035**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.6955	28,878.6955	1.3123		28,911.5034
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.1262	26,450.1262	0.2977		26,457.5683
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.8217</b>	<b>55,328.8217</b>	<b>1.6100</b>		<b>55,369.0717</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>



West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2035**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.6955	28,878.6955	1.3123		28,911.5034
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.1262	26,450.1262	0.2977		26,457.5683
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.8217</b>	<b>55,328.8217</b>	<b>1.6100</b>		<b>55,369.0717</b>

**3.5 Building Construction - 2036**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2036**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.6955	28,878.6955	1.3123		28,911.5034
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.1262	26,450.1262	0.2977		26,457.5683
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.8217</b>	<b>55,328.8217</b>	<b>1.6100</b>		<b>55,369.0717</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2036**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.69 55	28,878.69 55	1.3123		28,911.503 4
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.12 62	26,450.12 62	0.2977		26,457.56 83
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.82 17</b>	<b>55,328.82 17</b>	<b>1.6100</b>		<b>55,369.07 17</b>

**3.5 Building Construction - 2037**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2037**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.69 55	28,878.69 55	1.3123		28,911.503 4
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.12 62	26,450.12 62	0.2977		26,457.56 83
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.82 17</b>	<b>55,328.82 17</b>	<b>1.6100</b>		<b>55,369.07 17</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2037**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.6955	28,878.6955	1.3123		28,911.5034
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.1262	26,450.1262	0.2977		26,457.5683
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.8217</b>	<b>55,328.8217</b>	<b>1.6100</b>		<b>55,369.0717</b>

**3.5 Building Construction - 2038**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2038**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.6955	28,878.6955	1.3123		28,911.5034
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.1262	26,450.1262	0.2977		26,457.5683
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.8217</b>	<b>55,328.8217</b>	<b>1.6100</b>		<b>55,369.0717</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2038**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.6955	28,878.6955	1.3123		28,911.5034
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.1262	26,450.1262	0.2977		26,457.5683
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.8217</b>	<b>55,328.8217</b>	<b>1.6100</b>		<b>55,369.0717</b>

**3.5 Building Construction - 2039**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2039**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.6955	28,878.6955	1.3123		28,911.5034
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.1262	26,450.1262	0.2977		26,457.5683
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.8217</b>	<b>55,328.8217</b>	<b>1.6100</b>		<b>55,369.0717</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>



West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2039**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.69 55	28,878.69 55	1.3123		28,911.503 4
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.12 62	26,450.12 62	0.2977		26,457.56 83
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.82 17</b>	<b>55,328.82 17</b>	<b>1.6100</b>		<b>55,369.07 17</b>

**3.5 Building Construction - 2040**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>		<b>2,897.547 1</b>	<b>2,897.547 1</b>	<b>0.1041</b>		<b>2,900.150 3</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2040**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.8191	79.1739	16.2195	0.2705	7.1417	0.0738	7.2155	2.0545	0.0705	2.1250		28,798.40 52	28,798.40 52	1.2761		28,830.30 76
Worker	6.0265	2.5948	52.5826	0.2533	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		25,301.01 37	25,301.01 37	0.2305		25,306.77 67
<b>Total</b>	<b>7.8456</b>	<b>81.7687</b>	<b>68.8021</b>	<b>0.5238</b>	<b>46.7513</b>	<b>0.1721</b>	<b>46.9234</b>	<b>12.5613</b>	<b>0.1610</b>	<b>12.7223</b>		<b>54,099.41 89</b>	<b>54,099.41 89</b>	<b>1.5066</b>		<b>54,137.08 43</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>	<b>0.0000</b>	<b>2,897.547 1</b>	<b>2,897.547 1</b>	<b>0.1041</b>		<b>2,900.150 3</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2040**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.8191	79.1739	16.2195	0.2705	7.1417	0.0738	7.2155	2.0545	0.0705	2.1250		28,798.40 52	28,798.40 52	1.2761		28,830.30 76
Worker	6.0265	2.5948	52.5826	0.2533	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		25,301.01 37	25,301.01 37	0.2305		25,306.77 67
<b>Total</b>	<b>7.8456</b>	<b>81.7687</b>	<b>68.8021</b>	<b>0.5238</b>	<b>46.7513</b>	<b>0.1721</b>	<b>46.9234</b>	<b>12.5613</b>	<b>0.1610</b>	<b>12.7223</b>		<b>54,099.41 89</b>	<b>54,099.41 89</b>	<b>1.5066</b>		<b>54,137.08 43</b>

**3.5 Building Construction - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>		<b>2,897.547 1</b>	<b>2,897.547 1</b>	<b>0.1041</b>		<b>2,900.150 3</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.8191	79.1739	16.2195	0.2705	7.1417	0.0738	7.2155	2.0545	0.0705	2.1250		28,798.40 52	28,798.40 52	1.2761		28,830.30 76
Worker	6.0265	2.5948	52.5826	0.2533	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		25,301.01 37	25,301.01 37	0.2305		25,306.77 67
<b>Total</b>	<b>7.8456</b>	<b>81.7687</b>	<b>68.8021</b>	<b>0.5238</b>	<b>46.7513</b>	<b>0.1721</b>	<b>46.9234</b>	<b>12.5613</b>	<b>0.1610</b>	<b>12.7223</b>		<b>54,099.41 89</b>	<b>54,099.41 89</b>	<b>1.5066</b>		<b>54,137.08 43</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>	<b>0.0000</b>	<b>2,897.547 1</b>	<b>2,897.547 1</b>	<b>0.1041</b>		<b>2,900.150 3</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.5 Building Construction - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.8191	79.1739	16.2195	0.2705	7.1417	0.0738	7.2155	2.0545	0.0705	2.1250		28,798.40 52	28,798.40 52	1.2761		28,830.30 76
Worker	6.0265	2.5948	52.5826	0.2533	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		25,301.01 37	25,301.01 37	0.2305		25,306.77 67
<b>Total</b>	<b>7.8456</b>	<b>81.7687</b>	<b>68.8021</b>	<b>0.5238</b>	<b>46.7513</b>	<b>0.1721</b>	<b>46.9234</b>	<b>12.5613</b>	<b>0.1610</b>	<b>12.7223</b>		<b>54,099.41 89</b>	<b>54,099.41 89</b>	<b>1.5066</b>		<b>54,137.08 43</b>

**3.6 Paving - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.516 8	2,656.516 8	0.0893		2,658.748 9
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>		<b>2,656.516 8</b>	<b>2,656.516 8</b>	<b>0.0893</b>		<b>2,658.748 9</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.6 Paving - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0174	7.4700e-003	0.1515	7.3000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		72.8856	72.8856	6.6000e-004		72.9022
<b>Total</b>	<b>0.0174</b>	<b>7.4700e-003</b>	<b>0.1515</b>	<b>7.3000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>72.8856</b>	<b>72.8856</b>	<b>6.6000e-004</b>		<b>72.9022</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.6 Paving - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0174	7.4700e-003	0.1515	7.3000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		72.8856	72.8856	6.6000e-004		72.9022
<b>Total</b>	<b>0.0174</b>	<b>7.4700e-003</b>	<b>0.1515</b>	<b>7.3000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>72.8856</b>	<b>72.8856</b>	<b>6.6000e-004</b>		<b>72.9022</b>

**3.6 Paving - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>		<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.6 Paving - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0174	7.4700e-003	0.1515	7.3000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		72.8856	72.8856	6.6000e-004		72.9022
<b>Total</b>	<b>0.0174</b>	<b>7.4700e-003</b>	<b>0.1515</b>	<b>7.3000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>72.8856</b>	<b>72.8856</b>	<b>6.6000e-004</b>		<b>72.9022</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>



West Broadway Future\_Default - Sacramento County, Summer

**3.6 Paving - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0174	7.4700e-003	0.1515	7.3000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		72.8856	72.8856	6.6000e-004		72.9022
<b>Total</b>	<b>0.0174</b>	<b>7.4700e-003</b>	<b>0.1515</b>	<b>7.3000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>72.8856</b>	<b>72.8856</b>	<b>6.6000e-004</b>		<b>72.9022</b>

**3.7 Architectural Coating - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.7 Architectural Coating - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.2048	0.5188	10.5125	0.0507	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		5,058.259 1	5,058.259 1	0.0461		5,059.411 3
<b>Total</b>	<b>1.2048</b>	<b>0.5188</b>	<b>10.5125</b>	<b>0.0507</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>5,058.259 1</b>	<b>5,058.259 1</b>	<b>0.0461</b>		<b>5,059.411 3</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.7 Architectural Coating - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.2048	0.5188	10.5125	0.0507	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		5,058.259 1	5,058.259 1	0.0461		5,059.4113
<b>Total</b>	<b>1.2048</b>	<b>0.5188</b>	<b>10.5125</b>	<b>0.0507</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>5,058.259 1</b>	<b>5,058.259 1</b>	<b>0.0461</b>		<b>5,059.411 3</b>

**3.7 Architectural Coating - 2043**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.7 Architectural Coating - 2043**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.2048	0.5188	10.5125	0.0507	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		5,058.259 1	5,058.259 1	0.0461		5,059.411 3
<b>Total</b>	<b>1.2048</b>	<b>0.5188</b>	<b>10.5125</b>	<b>0.0507</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>5,058.259 1</b>	<b>5,058.259 1</b>	<b>0.0461</b>		<b>5,059.411 3</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_Default - Sacramento County, Summer

**3.7 Architectural Coating - 2043**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.2048	0.5188	10.5125	0.0507	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		5,058.259 1	5,058.259 1	0.0461		5,059.4113
<b>Total</b>	<b>1.2048</b>	<b>0.5188</b>	<b>10.5125</b>	<b>0.0507</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>5,058.259 1</b>	<b>5,058.259 1</b>	<b>0.0461</b>		<b>5,059.411 3</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Integrate Below Market Rate Housing

West Broadway Future\_Default - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	50.8718	200.2872	485.2455	2.1448	239.3227	1.0295	240.3522	63.8955	0.9564	64.8519		218,605.4706	218,605.4706	7.6715		218,797.2584
Unmitigated	51.0531	201.0845	490.1625	2.1688	242.2294	1.0399	243.2693	64.6715	0.9661	65.6377		221,048.8378	221,048.8378	7.7410		221,242.3634

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	10,972.35	11,921.40	10106.55	28,186,764	27,848,523
Apartments Mid Rise	20,515.25	19,713.15	18078.10	51,456,901	50,839,418
City Park	150.26	1,808.63	1330.83	1,025,459	1,013,153
Condo/Townhouse	871.50	850.50	726.00	2,175,327	2,149,223
Elementary School	1,535.29	0.00	0.00	2,306,054	2,278,381
General Light Industry	1,290.84	244.46	125.94	2,696,455	2,664,098
Racquet Club	883.89	1,345.05	1096.20	1,294,152	1,278,622
Regional Shopping Center	10,419.65	12,193.68	6159.06	14,063,079	13,894,322
<b>Total</b>	<b>46,639.03</b>	<b>48,076.87</b>	<b>37,622.68</b>	<b>103,204,191</b>	<b>101,965,741</b>

4.3 Trip Type Information

West Broadway Future\_Default - Sacramento County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Apartments Mid Rise	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
City Park	10.00	5.00	6.50	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Elementary School	10.00	5.00	6.50	65.00	30.00	5.00	63	25	12
General Light Industry	10.00	5.00	6.50	59.00	28.00	13.00	92	5	3
Racquet Club	10.00	5.00	6.50	11.50	69.50	19.00	52	39	9
Regional Shopping Center	10.00	5.00	6.50	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Apartments Mid Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
City Park	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Condo/Townhouse	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Elementary School	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
General Light Industry	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Racquet Club	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Regional Shopping Center	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway Future\_Default - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.8889	16.3309	8.2551	0.1030		1.3051	1.3051		1.3051	1.3051		20,606.6108	20,606.6108	0.3950	0.3778	20,729.0656
NaturalGas Unmitigated	1.8889	16.3309	8.2551	0.1030		1.3051	1.3051		1.3051	1.3051		20,606.6108	20,606.6108	0.3950	0.3778	20,729.0656



West Broadway Future\_Default - Sacramento County, Summer

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	52184.7	0.5628	4.8092	2.0465	0.0307		0.3888	0.3888		0.3888	0.3888		6,139.3823	6,139.3823	0.1177	0.1126	6,175.8656
Apartments Mid Rise	82391.5	0.8885	7.5929	3.2310	0.0485		0.6139	0.6139		0.6139	0.6139		9,693.1148	9,693.1148	0.1858	0.1777	9,750.7161
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	8445.72	0.0911	0.7783	0.3312	4.9700e-003		0.0629	0.0629		0.0629	0.0629		993.6140	993.6140	0.0190	0.0182	999.5186
Elementary School	4159.92	0.0449	0.4078	0.3426	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.4021	489.4021	9.3800e-003	8.9700e-003	492.3104
General Light Industry	18169.9	0.1960	1.7814	1.4963	0.0107		0.1354	0.1354		0.1354	0.1354		2,137.6348	2,137.6348	0.0410	0.0392	2,150.3377
Racquet Club	6180.9	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3623.53	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.8890</b>	<b>16.3309</b>	<b>8.2551</b>	<b>0.1031</b>		<b>1.3051</b>	<b>1.3051</b>		<b>1.3051</b>	<b>1.3051</b>		<b>20,606.6108</b>	<b>20,606.6108</b>	<b>0.3950</b>	<b>0.3778</b>	<b>20,729.0656</b>

West Broadway Future\_Default - Sacramento County, Summer

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	52.1847	0.5628	4.8092	2.0465	0.0307		0.3888	0.3888		0.3888	0.3888		6,139.3823	6,139.3823	0.1177	0.1126	6,175.8656
Apartments Mid Rise	82.3915	0.8885	7.5929	3.2310	0.0485		0.6139	0.6139		0.6139	0.6139		9,693.1148	9,693.1148	0.1858	0.1777	9,750.7161
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	8.44572	0.0911	0.7783	0.3312	4.9700e-003		0.0629	0.0629		0.0629	0.0629		993.6140	993.6140	0.0190	0.0182	999.5186
Elementary School	4.15992	0.0449	0.4078	0.3426	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.4021	489.4021	9.3800e-003	8.9700e-003	492.3104
General Light Industry	18.1699	0.1960	1.7814	1.4963	0.0107		0.1354	0.1354		0.1354	0.1354		2,137.6348	2,137.6348	0.0410	0.0392	2,150.3377
Racquet Club	6.1809	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3.62353	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.8890</b>	<b>16.3309</b>	<b>8.2551</b>	<b>0.1031</b>		<b>1.3051</b>	<b>1.3051</b>		<b>1.3051</b>	<b>1.3051</b>		<b>20,606.6108</b>	<b>20,606.6108</b>	<b>0.3950</b>	<b>0.3778</b>	<b>20,729.0656</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

West Broadway Future\_Default - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Unmitigated	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.3031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.7012					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0509	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421		728.0532	728.0532	0.6933		745.3858
<b>Total</b>	<b>148.0552</b>	<b>4.6482</b>	<b>402.9034</b>	<b>0.0214</b>		<b>2.2421</b>	<b>2.2421</b>		<b>2.2421</b>	<b>2.2421</b>	<b>0.0000</b>	<b>728.0532</b>	<b>728.0532</b>	<b>0.6933</b>	<b>0.0000</b>	<b>745.3858</b>

West Broadway Future\_Default - Sacramento County, Summer

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.3031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.7012					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0509	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421		728.0532	728.0532	0.6933		745.3858
<b>Total</b>	<b>148.0552</b>	<b>4.6482</b>	<b>402.9034</b>	<b>0.0214</b>		<b>2.2421</b>	<b>2.2421</b>		<b>2.2421</b>	<b>2.2421</b>	<b>0.0000</b>	<b>728.0532</b>	<b>728.0532</b>	<b>0.6933</b>	<b>0.0000</b>	<b>745.3858</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

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West Broadway Future\_Default - Sacramento County, Summer

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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West Broadway Future\_Default - Sacramento County, Winter

**West Broadway Future\_Default**  
**Sacramento County, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	99.50	1000sqft	2.28	99,500.00	0
General Light Industry	185.20	1000sqft	4.25	185,200.00	0
City Park	79.50	Acre	79.50	3,463,020.00	0
Racquet Club	63.00	1000sqft	1.45	63,000.00	0
Apartments Low Rise	1,665.00	Dwelling Unit	104.06	1,665,000.00	4446
Apartments Mid Rise	3,085.00	Dwelling Unit	81.18	3,085,000.00	8237
Condo/Townhouse	150.00	Dwelling Unit	9.38	150,000.00	401
Regional Shopping Center	244.02	1000sqft	5.60	244,020.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.5	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	6			<b>Operational Year</b>	2035
<b>Utility Company</b>	Sacramento Municipal Utility District				
<b>CO2 Intensity (lb/MWhr)</b>	143.85	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

West Broadway Future\_Default - Sacramento County, Winter

Project Characteristics -

Vehicle Trips -

Mobile Land Use Mitigation -

Table Name	Column Name	Default Value	New Value
tblEnergyUse	T24E	511.12	240.23
tblEnergyUse	T24E	460.92	428.66
tblEnergyUse	T24E	381.61	354.90
tblEnergyUse	T24E	3.41	2.40
tblEnergyUse	T24E	3.26	2.30
tblEnergyUse	T24NG	9,411.72	8,752.90
tblProjectCharacteristics	CO2IntensityFactor	590.31	143.85

## 2.0 Emissions Summary

### 2.1 Overall Construction (Maximum Daily Emission)

#### Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.3988	34.2446	22.4075	0.0426	0.9636	1.6631	2.6267	0.1669	1.5461	1.7129	0.0000	4,141.9974	4,141.9974	1.0784	0.0000	4,168.9575
2021	4.2650	46.4505	31.3888	0.0634	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,141.6763	6,141.6763	1.9464	0.0000	6,190.3360
2022	3.6939	38.8890	29.5095	0.0634	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,141.2229	6,141.2229	1.9474	0.0000	6,189.9086
2023	21.2742	122.2499	156.5951	0.6310	46.7565	1.4255	47.8573	12.5632	1.3114	13.5963	0.0000	64,525.5978	64,525.5978	2.9565	0.0000	64,599.5095

West Broadway Future\_Default - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	20.0534	118.4241	146.2173	0.6165	46.7558	1.0010	47.7567	12.5630	0.9388	13.5018	0.0000	63,092.90 38	63,092.90 38	2.8589	0.0000	63,164.37 59
2025	18.9753	114.7957	136.9677	0.6022	46.7551	0.9030	47.6582	12.5628	0.8466	13.4094	0.0000	61,679.21 42	61,679.21 42	2.7727	0.0000	61,748.53 16
2026	18.1198	112.3588	129.0718	0.5894	46.7546	0.8883	47.6429	12.5625	0.8328	13.3953	0.0000	60,409.35 73	60,409.35 73	2.7003	0.0000	60,476.86 54
2027	17.2885	110.1343	121.9846	0.5778	46.7541	0.8704	47.6244	12.5624	0.8160	13.3783	0.0000	59,265.10 27	59,265.10 27	2.6338	0.0000	59,330.94 79
2028	16.4300	108.2198	115.7830	0.5677	46.7537	0.8498	47.6034	12.5622	0.7968	13.3590	0.0000	58,254.65 49	58,254.65 49	2.5739	0.0000	58,319.00 35
2029	15.5034	106.4094	109.9209	0.5586	46.7533	0.8297	47.5830	12.5621	0.7781	13.3401	0.0000	57,355.83 66	57,355.83 66	2.5161	0.0000	57,418.73 98
2030	14.5529	100.1977	104.7741	0.5546	46.7529	0.4311	47.1840	12.5619	0.4121	12.9740	0.0000	56,903.28 79	56,903.28 79	1.9775	0.0000	56,952.72 56
2031	13.6167	98.6582	99.8647	0.5476	46.7527	0.4133	47.1659	12.5618	0.3955	12.9573	0.0000	56,209.41 79	56,209.41 79	1.9283	0.0000	56,257.62 45
2032	12.7840	97.2618	95.5831	0.5415	46.7524	0.3974	47.1498	12.5617	0.3807	12.9425	0.0000	55,609.69 88	55,609.69 88	1.8852	0.0000	55,656.82 98
2033	12.1054	96.0494	91.9741	0.5363	46.7522	0.3834	47.1356	12.5617	0.3677	12.9294	0.0000	55,091.60 51	55,091.60 51	1.8487	0.0000	55,137.82 36
2034	11.5095	94.9507	88.5700	0.5318	46.7520	0.3701	47.1222	12.5616	0.3554	12.9170	0.0000	54,645.28 55	54,645.28 55	1.8146	0.0000	54,690.65 06
2035	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2036	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2037	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2038	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2039	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2040	9.0029	89.8678	76.5969	0.5169	46.7513	0.2473	46.9986	12.5613	0.2361	12.7974	0.0000	53,170.73 78	53,170.73 78	1.6720	0.0000	53,212.53 66
2041	9.0029	89.8678	76.5969	0.5169	46.7513	0.2473	46.9986	12.5613	0.2361	12.7974	0.0000	53,170.73 78	53,170.73 78	1.6720	0.0000	53,212.53 66



West Broadway Future\_Default - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2042	203.7352	3.6657	15.9387	0.0474	7.9189	0.1167	7.9460	2.1006	0.1167	2.1261	0.0000	4,718.8696	4,718.8696	0.0898	0.0000	4,720.0798
2043	203.7352	1.3616	10.1907	0.0474	7.9189	0.0271	7.9460	2.1006	0.0255	2.1261	0.0000	4,718.8696	4,718.8696	0.0484	0.0000	4,720.0798
<b>Maximum</b>	<b>203.7352</b>	<b>122.2499</b>	<b>156.5951</b>	<b>0.6310</b>	<b>46.7565</b>	<b>2.0454</b>	<b>47.8573</b>	<b>12.5632</b>	<b>1.8818</b>	<b>13.5963</b>	<b>0.0000</b>	<b>64,525.5978</b>	<b>64,525.5978</b>	<b>2.9565</b>	<b>0.0000</b>	<b>64,599.5095</b>

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.3988	34.2446	22.4075	0.0426	0.9636	1.6631	2.6267	0.1669	1.5461	1.7129	0.0000	4,141.9974	4,141.9974	1.0784	0.0000	4,168.9575
2021	4.2650	46.4505	31.3888	0.0634	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,141.6763	6,141.6763	1.9464	0.0000	6,190.3360
2022	3.6939	38.8890	29.5095	0.0634	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,141.2229	6,141.2229	1.9474	0.0000	6,189.9086
2023	21.2742	122.2499	156.5951	0.6310	46.7565	1.4255	47.8573	12.5632	1.3114	13.5963	0.0000	64,525.5978	64,525.5978	2.9565	0.0000	64,599.5095
2024	20.0534	118.4241	146.2173	0.6165	46.7558	1.0010	47.7567	12.5630	0.9388	13.5018	0.0000	63,092.9038	63,092.9038	2.8589	0.0000	63,164.3759
2025	18.9753	114.7957	136.9677	0.6022	46.7551	0.9030	47.6582	12.5628	0.8466	13.4094	0.0000	61,679.2142	61,679.2142	2.7727	0.0000	61,748.5316
2026	18.1198	112.3588	129.0718	0.5894	46.7546	0.8883	47.6429	12.5625	0.8328	13.3953	0.0000	60,409.3573	60,409.3573	2.7003	0.0000	60,476.8654
2027	17.2885	110.1343	121.9846	0.5778	46.7541	0.8704	47.6244	12.5624	0.8160	13.3783	0.0000	59,265.1027	59,265.1027	2.6338	0.0000	59,330.9479
2028	16.4300	108.2198	115.7830	0.5677	46.7537	0.8498	47.6034	12.5622	0.7968	13.3590	0.0000	58,254.6549	58,254.6549	2.5739	0.0000	58,319.0035

West Broadway Future\_Default - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2029	15.5034	106.4094	109.9209	0.5586	46.7533	0.8297	47.5830	12.5621	0.7781	13.3401	0.0000	57,355.83 66	57,355.83 66	2.5161	0.0000	57,418.73 98
2030	14.5529	100.1977	104.7741	0.5546	46.7529	0.4311	47.1840	12.5619	0.4121	12.9740	0.0000	56,903.28 79	56,903.28 79	1.9775	0.0000	56,952.72 56
2031	13.6167	98.6582	99.8647	0.5476	46.7527	0.4133	47.1659	12.5618	0.3955	12.9573	0.0000	56,209.41 79	56,209.41 79	1.9283	0.0000	56,257.62 45
2032	12.7840	97.2618	95.5831	0.5415	46.7524	0.3974	47.1498	12.5617	0.3807	12.9425	0.0000	55,609.69 88	55,609.69 88	1.8852	0.0000	55,656.82 98
2033	12.1054	96.0494	91.9741	0.5363	46.7522	0.3834	47.1356	12.5617	0.3677	12.9294	0.0000	55,091.60 51	55,091.60 51	1.8487	0.0000	55,137.82 36
2034	11.5095	94.9507	88.5700	0.5318	46.7520	0.3701	47.1222	12.5616	0.3554	12.9170	0.0000	54,645.28 55	54,645.28 55	1.8146	0.0000	54,690.65 06
2035	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2036	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2037	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2038	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2039	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2040	9.0029	89.8678	76.5969	0.5169	46.7513	0.2473	46.9986	12.5613	0.2361	12.7974	0.0000	53,170.73 78	53,170.73 78	1.6720	0.0000	53,212.53 66
2041	9.0029	89.8678	76.5969	0.5169	46.7513	0.2473	46.9986	12.5613	0.2361	12.7974	0.0000	53,170.73 78	53,170.73 78	1.6720	0.0000	53,212.53 66
2042	203.7352	3.6657	15.9387	0.0474	7.9189	0.1167	7.9460	2.1006	0.1167	2.1261	0.0000	4,718.869 6	4,718.869 6	0.0898	0.0000	4,720.079 8
2043	203.7352	1.3616	10.1907	0.0474	7.9189	0.0271	7.9460	2.1006	0.0255	2.1261	0.0000	4,718.869 6	4,718.869 6	0.0484	0.0000	4,720.079 8
<b>Maximum</b>	<b>203.7352</b>	<b>122.2499</b>	<b>156.5951</b>	<b>0.6310</b>	<b>46.7565</b>	<b>2.0454</b>	<b>47.8573</b>	<b>12.5632</b>	<b>1.8818</b>	<b>13.5963</b>	<b>0.0000</b>	<b>64,525.59 78</b>	<b>64,525.59 78</b>	<b>2.9565</b>	<b>0.0000</b>	<b>64,599.50 95</b>



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**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Energy	1.8889	16.3309	8.2551	0.1030		1.3051	1.3051		1.3051	1.3051		20,606.6108	20,606.6108	0.3950	0.3778	20,729.0656
Mobile	36.5305	208.2662	448.3959	1.9678	242.2294	1.0452	243.2746	64.6715	0.9712	65.6427		200,881.0001	200,881.0001	7.8931		201,078.3288
<b>Total</b>	<b>186.4746</b>	<b>229.2453</b>	<b>859.5544</b>	<b>2.0922</b>	<b>242.2294</b>	<b>4.5923</b>	<b>246.8218</b>	<b>64.6715</b>	<b>4.5183</b>	<b>69.1899</b>	<b>0.0000</b>	<b>222,215.6641</b>	<b>222,215.6641</b>	<b>8.9814</b>	<b>0.3778</b>	<b>222,552.7801</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Energy	1.8889	16.3309	8.2551	0.1030		1.3051	1.3051		1.3051	1.3051		20,606.6108	20,606.6108	0.3950	0.3778	20,729.0656
Mobile	36.3521	207.3598	444.4036	1.9460	239.3227	1.0348	240.3575	63.8955	0.9615	64.8570		198,660.0404	198,660.0404	7.8261		198,855.6919
<b>Total</b>	<b>186.2962</b>	<b>228.3389</b>	<b>855.5620</b>	<b>2.0704</b>	<b>239.3227</b>	<b>4.5819</b>	<b>243.9046</b>	<b>63.8955</b>	<b>4.5087</b>	<b>68.4041</b>	<b>0.0000</b>	<b>219,994.7043</b>	<b>219,994.7043</b>	<b>8.9143</b>	<b>0.3778</b>	<b>220,330.1432</b>

West Broadway Future\_Default - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.10	0.40	0.46	1.04	1.20	0.23	1.18	1.20	0.21	1.14	0.00	1.00	1.00	0.75	0.00	1.00

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	2/23/2021	5	300	
2	Site Preparation	Site Preparation	2/24/2021	11/2/2021	5	180	
3	Grading	Grading	11/3/2021	8/15/2023	5	465	
4	Building Construction	Building Construction	8/16/2023	6/11/2041	5	4650	
5	Paving	Paving	6/12/2041	9/16/2042	5	330	
6	Architectural Coating	Architectural Coating	9/17/2042	12/22/2043	5	330	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 887,580; Non-Residential Outdoor: 295,860; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

## West Broadway Future\_Default - Sacramento County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

West Broadway Future\_Default - Sacramento County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	1,040.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,207.00	1,188.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,041.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>		<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0272	1.0012	0.2350	2.7000e-003	0.0670	3.6300e-003	0.0706	0.0181	3.4800e-003	0.0216		289.7592	289.7592	0.0175		290.1955
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0595	0.0424	0.4194	1.0500e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		104.5333	104.5333	3.0100e-003		104.6084
<b>Total</b>	<b>0.0867</b>	<b>1.0436</b>	<b>0.6543</b>	<b>3.7500e-003</b>	<b>0.1811</b>	<b>4.4200e-003</b>	<b>0.1855</b>	<b>0.0484</b>	<b>4.2100e-003</b>	<b>0.0526</b>		<b>394.2924</b>	<b>394.2924</b>	<b>0.0205</b>		<b>394.8039</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>	<b>0.0000</b>	<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>



West Broadway Future\_Default - Sacramento County, Winter

**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0272	1.0012	0.2350	2.7000e-003	0.0670	3.6300e-003	0.0706	0.0181	3.4800e-003	0.0216		289.7592	289.7592	0.0175		290.1955
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0595	0.0424	0.4194	1.0500e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		104.5333	104.5333	3.0100e-003		104.6084
<b>Total</b>	<b>0.0867</b>	<b>1.0436</b>	<b>0.6543</b>	<b>3.7500e-003</b>	<b>0.1811</b>	<b>4.4200e-003</b>	<b>0.1855</b>	<b>0.0484</b>	<b>4.2100e-003</b>	<b>0.0526</b>		<b>394.2924</b>	<b>394.2924</b>	<b>0.0205</b>		<b>394.8039</b>

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>		<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

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**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0251	0.9188	0.2176	2.6700e-003	0.3763	3.2000e-003	0.3795	0.0941	3.0600e-003	0.0971		286.3691	286.3691	0.0171		286.7967
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0554	0.0380	0.3827	1.0100e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		100.9746	100.9746	2.6900e-003		101.0419
<b>Total</b>	<b>0.0805</b>	<b>0.9568</b>	<b>0.6003</b>	<b>3.6800e-003</b>	<b>0.4904</b>	<b>3.9700e-003</b>	<b>0.4944</b>	<b>0.1243</b>	<b>3.7700e-003</b>	<b>0.1281</b>		<b>387.3437</b>	<b>387.3437</b>	<b>0.0198</b>		<b>387.8386</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>	<b>0.0000</b>	<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

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**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0251	0.9188	0.2176	2.6700e-003	0.3763	3.2000e-003	0.3795	0.0941	3.0600e-003	0.0971		286.3691	286.3691	0.0171		286.7967
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0554	0.0380	0.3827	1.0100e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		100.9746	100.9746	2.6900e-003		101.0419
<b>Total</b>	<b>0.0805</b>	<b>0.9568</b>	<b>0.6003</b>	<b>3.6800e-003</b>	<b>0.4904</b>	<b>3.9700e-003</b>	<b>0.4944</b>	<b>0.1243</b>	<b>3.7700e-003</b>	<b>0.1281</b>		<b>387.3437</b>	<b>387.3437</b>	<b>0.0198</b>		<b>387.8386</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>		<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

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**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0664	0.0456	0.4593	1.2200e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		121.1696	121.1696	3.2300e-003		121.2503
<b>Total</b>	<b>0.0664</b>	<b>0.0456</b>	<b>0.4593</b>	<b>1.2200e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>121.1696</b>	<b>121.1696</b>	<b>3.2300e-003</b>		<b>121.2503</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>	<b>0.0000</b>	<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

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**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0664	0.0456	0.4593	1.2200e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		121.1696	121.1696	3.2300e-003		121.2503
<b>Total</b>	<b>0.0664</b>	<b>0.0456</b>	<b>0.4593</b>	<b>1.2200e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>121.1696</b>	<b>121.1696</b>	<b>3.2300e-003</b>		<b>121.2503</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>		<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0738	0.0507	0.5103	1.3500e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		134.6329	134.6329	3.5900e-003		134.7226
<b>Total</b>	<b>0.0738</b>	<b>0.0507</b>	<b>0.5103</b>	<b>1.3500e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>134.6329</b>	<b>134.6329</b>	<b>3.5900e-003</b>		<b>134.7226</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>	<b>0.0000</b>	<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0738	0.0507	0.5103	1.3500e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		134.6329	134.6329	3.5900e-003		134.7226
<b>Total</b>	<b>0.0738</b>	<b>0.0507</b>	<b>0.5103</b>	<b>1.3500e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>134.6329</b>	<b>134.6329</b>	<b>3.5900e-003</b>		<b>134.7226</b>

**3.4 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>		<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0690	0.0456	0.4680	1.3000e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		129.8123	129.8123	3.2200e-003		129.8928
<b>Total</b>	<b>0.0690</b>	<b>0.0456</b>	<b>0.4680</b>	<b>1.3000e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>129.8123</b>	<b>129.8123</b>	<b>3.2200e-003</b>		<b>129.8928</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>	<b>0.0000</b>	<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>



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**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0690	0.0456	0.4680	1.3000e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		129.8123	129.8123	3.2200e-003		129.8928
<b>Total</b>	<b>0.0690</b>	<b>0.0456</b>	<b>0.4680</b>	<b>1.3000e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>129.8123</b>	<b>129.8123</b>	<b>3.2200e-003</b>		<b>129.8928</b>

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>		<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

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**3.4 Grading - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0410	0.4288	1.2500e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		124.9394	124.9394	2.8800e-003		125.0114
<b>Total</b>	<b>0.0647</b>	<b>0.0410</b>	<b>0.4288</b>	<b>1.2500e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>124.9394</b>	<b>124.9394</b>	<b>2.8800e-003</b>		<b>125.0114</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>	<b>0.0000</b>	<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

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**3.4 Grading - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0410	0.4288	1.2500e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		124.9394	124.9394	2.8800e-003		125.0114
<b>Total</b>	<b>0.0647</b>	<b>0.0410</b>	<b>0.4288</b>	<b>1.2500e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>124.9394</b>	<b>124.9394</b>	<b>2.8800e-003</b>		<b>125.0114</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

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**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.8608	97.1949	28.7205	0.2776	7.1468	0.1470	7.2939	2.0564	0.1406	2.1970		29,442.4101	29,442.4101	1.5995		29,482.3967
Worker	16.8406	10.6702	111.6307	0.3265	39.6096	0.2541	39.8637	10.5068	0.2340	10.7409		32,527.9778	32,527.9778	0.7492		32,546.7067
<b>Total</b>	<b>19.7014</b>	<b>107.8651</b>	<b>140.3511</b>	<b>0.6040</b>	<b>46.7565</b>	<b>0.4011</b>	<b>47.1575</b>	<b>12.5632</b>	<b>0.3746</b>	<b>12.9378</b>		<b>61,970.3878</b>	<b>61,970.3878</b>	<b>2.3486</b>		<b>62,029.1034</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

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**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.8608	97.1949	28.7205	0.2776	7.1468	0.1470	7.2939	2.0564	0.1406	2.1970		29,442.4101	29,442.4101	1.5995		29,482.3967
Worker	16.8406	10.6702	111.6307	0.3265	39.6096	0.2541	39.8637	10.5068	0.2340	10.7409		32,527.9778	32,527.9778	0.7492		32,546.7067
<b>Total</b>	<b>19.7014</b>	<b>107.8651</b>	<b>140.3511</b>	<b>0.6040</b>	<b>46.7565</b>	<b>0.4011</b>	<b>47.1575</b>	<b>12.5632</b>	<b>0.3746</b>	<b>12.9378</b>		<b>61,970.3878</b>	<b>61,970.3878</b>	<b>2.3486</b>		<b>62,029.1034</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>		<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7242	95.3374	26.8405	0.2758	7.1462	0.1392	7.2854	2.0562	0.1331	2.1893		29,273.1878	29,273.1878	1.5800		29,312.6887
Worker	15.8576	9.6430	103.2100	0.3137	39.6096	0.2485	39.8581	10.5068	0.2288	10.7356		31,264.0171	31,264.0171	0.6745		31,280.8796
<b>Total</b>	<b>18.5818</b>	<b>104.9804</b>	<b>130.0505</b>	<b>0.5895</b>	<b>46.7558</b>	<b>0.3877</b>	<b>47.1434</b>	<b>12.5630</b>	<b>0.3619</b>	<b>12.9249</b>		<b>60,537.2049</b>	<b>60,537.2049</b>	<b>2.2545</b>		<b>60,593.5683</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>	<b>0.0000</b>	<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7242	95.3374	26.8405	0.2758	7.1462	0.1392	7.2854	2.0562	0.1331	2.1893		29,273.1878	29,273.1878	1.5800		29,312.6887
Worker	15.8576	9.6430	103.2100	0.3137	39.6096	0.2485	39.8581	10.5068	0.2288	10.7356		31,264.0171	31,264.0171	0.6745		31,280.8796
<b>Total</b>	<b>18.5818</b>	<b>104.9804</b>	<b>130.0505</b>	<b>0.5895</b>	<b>46.7558</b>	<b>0.3877</b>	<b>47.1434</b>	<b>12.5630</b>	<b>0.3619</b>	<b>12.9249</b>		<b>60,537.2049</b>	<b>60,537.2049</b>	<b>2.2545</b>		<b>60,593.5683</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6110	93.5705	25.4014	0.2741	7.1455	0.1316	7.2772	2.0559	0.1259	2.1818		29,109.9284	29,109.9284	1.5613		29,148.9616
Worker	14.9969	8.7555	95.4816	0.3011	39.6096	0.2439	39.8535	10.5068	0.2245	10.7313		30,012.8115	30,012.8115	0.6104		30,028.0719
<b>Total</b>	<b>17.6079</b>	<b>102.3260</b>	<b>120.8830</b>	<b>0.5752</b>	<b>46.7551</b>	<b>0.3755</b>	<b>47.1306</b>	<b>12.5628</b>	<b>0.3504</b>	<b>12.9131</b>		<b>59,122.7399</b>	<b>59,122.7399</b>	<b>2.1718</b>		<b>59,177.0335</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>



West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6110	93.5705	25.4014	0.2741	7.1455	0.1316	7.2772	2.0559	0.1259	2.1818		29,109.9284	29,109.9284	1.5613		29,148.9616
Worker	14.9969	8.7555	95.4816	0.3011	39.6096	0.2439	39.8535	10.5068	0.2245	10.7313		30,012.8115	30,012.8115	0.6104		30,028.0719
<b>Total</b>	<b>17.6079</b>	<b>102.3260</b>	<b>120.8830</b>	<b>0.5752</b>	<b>46.7551</b>	<b>0.3755</b>	<b>47.1306</b>	<b>12.5628</b>	<b>0.3504</b>	<b>12.9131</b>		<b>59,122.7399</b>	<b>59,122.7399</b>	<b>2.1718</b>		<b>59,177.0335</b>

**3.5 Building Construction - 2026**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5111	91.8911	24.2274	0.2726	7.1450	0.1241	7.2690	2.0557	0.1186	2.1744		28,955.0135	28,955.0135	1.5444		28,993.6242
Worker	14.2414	7.9980	88.7598	0.2899	39.6096	0.2367	39.8463	10.5068	0.2179	10.7247		28,897.8694	28,897.8694	0.5550		28,911.7431
<b>Total</b>	<b>16.7524</b>	<b>99.8891</b>	<b>112.9872</b>	<b>0.5624</b>	<b>46.7546</b>	<b>0.3608</b>	<b>47.1154</b>	<b>12.5625</b>	<b>0.3365</b>	<b>12.8991</b>		<b>57,852.8830</b>	<b>57,852.8830</b>	<b>2.0994</b>		<b>57,905.3673</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5111	91.8911	24.2274	0.2726	7.1450	0.1241	7.2690	2.0557	0.1186	2.1744		28,955.01 35	28,955.01 35	1.5444		28,993.62 42
Worker	14.2414	7.9980	88.7598	0.2899	39.6096	0.2367	39.8463	10.5068	0.2179	10.7247		28,897.86 94	28,897.86 94	0.5550		28,911.743 1
<b>Total</b>	<b>16.7524</b>	<b>99.8891</b>	<b>112.9872</b>	<b>0.5624</b>	<b>46.7546</b>	<b>0.3608</b>	<b>47.1154</b>	<b>12.5625</b>	<b>0.3365</b>	<b>12.8991</b>		<b>57,852.88 30</b>	<b>57,852.88 30</b>	<b>2.0994</b>		<b>57,905.36 73</b>

**3.5 Building Construction - 2027**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

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**3.5 Building Construction - 2027**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4234	90.3468	23.2061	0.2711	7.1445	0.1178	7.2622	2.0555	0.1126	2.1681		28,809.24 93	28,809.24 93	1.5279		28,847.44 68
Worker	13.4977	7.3178	82.6938	0.2798	39.6096	0.2251	39.8347	10.5068	0.2071	10.7140		27,899.37 91	27,899.37 91	0.5050		27,912.00 31
<b>Total</b>	<b>15.9211</b>	<b>97.6646</b>	<b>105.8999</b>	<b>0.5509</b>	<b>46.7541</b>	<b>0.3428</b>	<b>47.0969</b>	<b>12.5624</b>	<b>0.3197</b>	<b>12.8821</b>		<b>56,708.62 84</b>	<b>56,708.62 84</b>	<b>2.0329</b>		<b>56,759.44 99</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

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**3.5 Building Construction - 2027**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4234	90.3468	23.2061	0.2711	7.1445	0.1178	7.2622	2.0555	0.1126	2.1681		28,809.24 93	28,809.24 93	1.5279		28,847.44 68
Worker	13.4977	7.3178	82.6938	0.2798	39.6096	0.2251	39.8347	10.5068	0.2071	10.7140		27,899.37 91	27,899.37 91	0.5050		27,912.00 31
<b>Total</b>	<b>15.9211</b>	<b>97.6646</b>	<b>105.8999</b>	<b>0.5509</b>	<b>46.7541</b>	<b>0.3428</b>	<b>47.0969</b>	<b>12.5624</b>	<b>0.3197</b>	<b>12.8821</b>		<b>56,708.62 84</b>	<b>56,708.62 84</b>	<b>2.0329</b>		<b>56,759.44 99</b>

**3.5 Building Construction - 2028**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2028**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3456	89.0365	22.3407	0.2698	7.1441	0.1122	7.2562	2.0554	0.1073	2.1626		28,685.42 41	28,685.42 41	1.5110		28,723.20 02
Worker	12.7170	6.7137	77.3576	0.2709	39.6096	0.2100	39.8197	10.5068	0.1933	10.7001		27,012.75 64	27,012.75 64	0.4620		27,024.30 53
<b>Total</b>	<b>15.0626</b>	<b>95.7501</b>	<b>99.6983</b>	<b>0.5407</b>	<b>46.7537</b>	<b>0.3222</b>	<b>47.0759</b>	<b>12.5622</b>	<b>0.3005</b>	<b>12.8628</b>		<b>55,698.18 06</b>	<b>55,698.18 06</b>	<b>1.9730</b>		<b>55,747.50 54</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2028**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3456	89.0365	22.3407	0.2698	7.1441	0.1122	7.2562	2.0554	0.1073	2.1626		28,685.42 41	28,685.42 41	1.5110		28,723.20 02
Worker	12.7170	6.7137	77.3576	0.2709	39.6096	0.2100	39.8197	10.5068	0.1933	10.7001		27,012.75 64	27,012.75 64	0.4620		27,024.30 53
<b>Total</b>	<b>15.0626</b>	<b>95.7501</b>	<b>99.6983</b>	<b>0.5407</b>	<b>46.7537</b>	<b>0.3222</b>	<b>47.0759</b>	<b>12.5622</b>	<b>0.3005</b>	<b>12.8628</b>		<b>55,698.18 06</b>	<b>55,698.18 06</b>	<b>1.9730</b>		<b>55,747.50 54</b>

**3.5 Building Construction - 2029**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2029**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2754	87.7901	21.6134	0.2687	7.1437	0.1065	7.2501	2.0552	0.1018	2.1570		28,572.6966	28,572.6966	1.4942		28,610.0524
Worker	11.8607	6.1496	72.2228	0.2629	39.6096	0.1956	39.8053	10.5068	0.1800	10.6868		26,226.6656	26,226.6656	0.4210		26,237.1894
<b>Total</b>	<b>14.1360</b>	<b>93.9397</b>	<b>93.8362</b>	<b>0.5316</b>	<b>46.7533</b>	<b>0.3021</b>	<b>47.0554</b>	<b>12.5621</b>	<b>0.2818</b>	<b>12.8439</b>		<b>54,799.3622</b>	<b>54,799.3622</b>	<b>1.9152</b>		<b>54,847.2418</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>



West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2029**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2754	87.7901	21.6134	0.2687	7.1437	0.1065	7.2501	2.0552	0.1018	2.1570		28,572.6966	28,572.6966	1.4942		28,610.0524
Worker	11.8607	6.1496	72.2228	0.2629	39.6096	0.1956	39.8053	10.5068	0.1800	10.6868		26,226.6656	26,226.6656	0.4210		26,237.1894
<b>Total</b>	<b>14.1360</b>	<b>93.9397</b>	<b>93.8362</b>	<b>0.5316</b>	<b>46.7533</b>	<b>0.3021</b>	<b>47.0554</b>	<b>12.5621</b>	<b>0.2818</b>	<b>12.8439</b>		<b>54,799.3622</b>	<b>54,799.3622</b>	<b>1.9152</b>		<b>54,847.2418</b>

**3.5 Building Construction - 2030**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2030**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2121	86.6224	21.0134	0.2677	7.1433	0.1007	7.2440	2.0551	0.0963	2.1514		28,471.74 95	28,471.74 95	1.4768		28,508.66 91
Worker	11.0317	5.6406	67.6038	0.2559	39.6096	0.1822	39.7919	10.5068	0.1677	10.6745		25,533.99 16	25,533.99 16	0.3845		25,543.60 36
<b>Total</b>	<b>13.2438</b>	<b>92.2630</b>	<b>88.6171</b>	<b>0.5236</b>	<b>46.7529</b>	<b>0.2830</b>	<b>47.0359</b>	<b>12.5619</b>	<b>0.2640</b>	<b>12.8259</b>		<b>54,005.74 12</b>	<b>54,005.74 12</b>	<b>1.8613</b>		<b>54,052.27 27</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2030**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2121	86.6224	21.0134	0.2677	7.1433	0.1007	7.2440	2.0551	0.0963	2.1514		28,471.74 95	28,471.74 95	1.4768		28,508.66 91
Worker	11.0317	5.6406	67.6038	0.2559	39.6096	0.1822	39.7919	10.5068	0.1677	10.6745		25,533.99 16	25,533.99 16	0.3845		25,543.60 36
<b>Total</b>	<b>13.2438</b>	<b>92.2630</b>	<b>88.6171</b>	<b>0.5236</b>	<b>46.7529</b>	<b>0.2830</b>	<b>47.0359</b>	<b>12.5619</b>	<b>0.2640</b>	<b>12.8259</b>		<b>54,005.74 12</b>	<b>54,005.74 12</b>	<b>1.8613</b>		<b>54,052.27 27</b>

**3.5 Building Construction - 2031**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2031**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1586	85.5638	20.5196	0.2668	7.1431	0.0956	7.2387	2.0550	0.0914	2.1464		28,385.71 65	28,385.71 65	1.4617		28,422.25 98
Worker	10.1491	5.1598	63.1882	0.2498	39.6096	0.1695	39.7791	10.5068	0.1559	10.6628		24,926.15 46	24,926.15 46	0.3503		24,934.91 18
<b>Total</b>	<b>12.3076</b>	<b>90.7236</b>	<b>83.7078</b>	<b>0.5166</b>	<b>46.7527</b>	<b>0.2651</b>	<b>47.0178</b>	<b>12.5618</b>	<b>0.2473</b>	<b>12.8092</b>		<b>53,311.87 11</b>	<b>53,311.87 11</b>	<b>1.8120</b>		<b>53,357.17 17</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2031**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1586	85.5638	20.5196	0.2668	7.1431	0.0956	7.2387	2.0550	0.0914	2.1464		28,385.7165	28,385.7165	1.4617		28,422.2598
Worker	10.1491	5.1598	63.1882	0.2498	39.6096	0.1695	39.7791	10.5068	0.1559	10.6628		24,926.1546	24,926.1546	0.3503		24,934.9118
<b>Total</b>	<b>12.3076</b>	<b>90.7236</b>	<b>83.7078</b>	<b>0.5166</b>	<b>46.7527</b>	<b>0.2651</b>	<b>47.0178</b>	<b>12.5618</b>	<b>0.2473</b>	<b>12.8092</b>		<b>53,311.8711</b>	<b>53,311.8711</b>	<b>1.8120</b>		<b>53,357.1717</b>

**3.5 Building Construction - 2032**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

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**3.5 Building Construction - 2032**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1141	84.5818	20.1273	0.2661	7.1428	0.0916	7.2344	2.0549	0.0875	2.1425		28,315.2811	28,315.2811	1.4485		28,351.4930
Worker	9.3608	4.7455	59.2989	0.2444	39.6096	0.1577	39.7673	10.5068	0.1451	10.6519		24,396.8710	24,396.8710	0.3205		24,404.8839
<b>Total</b>	<b>11.4749</b>	<b>89.3272</b>	<b>79.4261</b>	<b>0.5106</b>	<b>46.7524</b>	<b>0.2493</b>	<b>47.0017</b>	<b>12.5617</b>	<b>0.2326</b>	<b>12.7943</b>		<b>52,712.1521</b>	<b>52,712.1521</b>	<b>1.7690</b>		<b>52,756.3770</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2032**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1141	84.5818	20.1273	0.2661	7.1428	0.0916	7.2344	2.0549	0.0875	2.1425		28,315.2811	28,315.2811	1.4485		28,351.4930
Worker	9.3608	4.7455	59.2989	0.2444	39.6096	0.1577	39.7673	10.5068	0.1451	10.6519		24,396.8710	24,396.8710	0.3205		24,404.8839
<b>Total</b>	<b>11.4749</b>	<b>89.3272</b>	<b>79.4261</b>	<b>0.5106</b>	<b>46.7524</b>	<b>0.2493</b>	<b>47.0017</b>	<b>12.5617</b>	<b>0.2326</b>	<b>12.7943</b>		<b>52,712.1521</b>	<b>52,712.1521</b>	<b>1.7690</b>		<b>52,756.3770</b>

**3.5 Building Construction - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0766	83.7085	19.7940	0.2655	7.1426	0.0881	7.2307	2.0549	0.0843	2.1391		28,253.44 28	28,253.44 28	1.4368		28,289.36 21
Worker	8.7197	4.4063	56.0231	0.2398	39.6096	0.1471	39.7567	10.5068	0.1353	10.6421		23,940.61 55	23,940.61 55	0.2957		23,948.00 87
<b>Total</b>	<b>10.7962</b>	<b>88.1148</b>	<b>75.8171</b>	<b>0.5053</b>	<b>46.7522</b>	<b>0.2352</b>	<b>46.9874</b>	<b>12.5617</b>	<b>0.2196</b>	<b>12.7812</b>		<b>52,194.05 84</b>	<b>52,194.05 84</b>	<b>1.7325</b>		<b>52,237.37 08</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>



West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	2.0766	83.7085	19.7940	0.2655	7.1426	0.0881	7.2307	2.0549	0.0843	2.1391		28,253.44 28	28,253.44 28	1.4368			28,289.36 21
Worker	8.7197	4.4063	56.0231	0.2398	39.6096	0.1471	39.7567	10.5068	0.1353	10.6421		23,940.61 55	23,940.61 55	0.2957			23,948.00 87
<b>Total</b>	<b>10.7962</b>	<b>88.1148</b>	<b>75.8171</b>	<b>0.5053</b>	<b>46.7522</b>	<b>0.2352</b>	<b>46.9874</b>	<b>12.5617</b>	<b>0.2196</b>	<b>12.7812</b>		<b>52,194.05 84</b>	<b>52,194.05 84</b>	<b>1.7325</b>			<b>52,237.37 08</b>

**3.5 Building Construction - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162			2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>			<b>2,900.452 9</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0419	82.8990	19.4904	0.2650	7.1424	0.0848	7.2272	2.0548	0.0811	2.1358		28,201.29 99	28,201.29 99	1.4258		28,236.94 45
Worker	8.1585	4.1171	52.9227	0.2358	39.6096	0.1372	39.7468	10.5068	0.1262	10.6330		23,546.43 88	23,546.43 88	0.2726		23,553.25 32
<b>Total</b>	<b>10.2003</b>	<b>87.0161</b>	<b>72.4131</b>	<b>0.5008</b>	<b>46.7520</b>	<b>0.2220</b>	<b>46.9740</b>	<b>12.5616</b>	<b>0.2073</b>	<b>12.7689</b>		<b>51,747.73 87</b>	<b>51,747.73 87</b>	<b>1.6984</b>		<b>51,790.19 77</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0419	82.8990	19.4904	0.2650	7.1424	0.0848	7.2272	2.0548	0.0811	2.1358		28,201.2999	28,201.2999	1.4258		28,236.9445
Worker	8.1585	4.1171	52.9227	0.2358	39.6096	0.1372	39.7468	10.5068	0.1262	10.6330		23,546.4388	23,546.4388	0.2726		23,553.2532
<b>Total</b>	<b>10.2003</b>	<b>87.0161</b>	<b>72.4131</b>	<b>0.5008</b>	<b>46.7520</b>	<b>0.2220</b>	<b>46.9740</b>	<b>12.5616</b>	<b>0.2073</b>	<b>12.7689</b>		<b>51,747.7387</b>	<b>51,747.7387</b>	<b>1.6984</b>		<b>51,790.1977</b>

**3.5 Building Construction - 2035**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2035**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2035**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2036**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2036**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2036**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2037**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2037**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>



West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2037**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2038**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2038**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2038**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2039**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2039**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2039**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2040**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>		<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2040**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>	<b>0.0000</b>	<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2040**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**3.5 Building Construction - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>		<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>	<b>0.0000</b>	<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>



West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**3.6 Paving - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>		<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.6 Paving - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.6 Paving - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**3.6 Paving - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>		<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.6 Paving - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.6 Paving - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**3.7 Architectural Coating - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.7 Architectural Coating - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.7 Architectural Coating - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**3.7 Architectural Coating - 2043**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.7 Architectural Coating - 2043**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>



West Broadway Future\_Default - Sacramento County, Winter

**3.7 Architectural Coating - 2043**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

Integrate Below Market Rate Housing

West Broadway Future\_Default - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	36.3521	207.3598	444.4036	1.9460	239.3227	1.0348	240.3575	63.8955	0.9615	64.8570		198,660.0404	198,660.0404	7.8261		198,855.6919
Unmitigated	36.5305	208.2662	448.3959	1.9678	242.2294	1.0452	243.2746	64.6715	0.9712	65.6427		200,881.0001	200,881.0001	7.8931		201,078.3288

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	10,972.35	11,921.40	10106.55	28,186,764	27,848,523
Apartments Mid Rise	20,515.25	19,713.15	18078.10	51,456,901	50,839,418
City Park	150.26	1,808.63	1330.83	1,025,459	1,013,153
Condo/Townhouse	871.50	850.50	726.00	2,175,327	2,149,223
Elementary School	1,535.29	0.00	0.00	2,306,054	2,278,381
General Light Industry	1,290.84	244.46	125.94	2,696,455	2,664,098
Racquet Club	883.89	1,345.05	1096.20	1,294,152	1,278,622
Regional Shopping Center	10,419.65	12,193.68	6159.06	14,063,079	13,894,322
<b>Total</b>	<b>46,639.03</b>	<b>48,076.87</b>	<b>37,622.68</b>	<b>103,204,191</b>	<b>101,965,741</b>

4.3 Trip Type Information

West Broadway Future\_Default - Sacramento County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Apartments Mid Rise	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
City Park	10.00	5.00	6.50	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Elementary School	10.00	5.00	6.50	65.00	30.00	5.00	63	25	12
General Light Industry	10.00	5.00	6.50	59.00	28.00	13.00	92	5	3
Racquet Club	10.00	5.00	6.50	11.50	69.50	19.00	52	39	9
Regional Shopping Center	10.00	5.00	6.50	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Apartments Mid Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
City Park	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Condo/Townhouse	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Elementary School	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
General Light Industry	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Racquet Club	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Regional Shopping Center	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway Future\_Default - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.8889	16.3309	8.2551	0.1030		1.3051	1.3051		1.3051	1.3051		20,606.6108	20,606.6108	0.3950	0.3778	20,729.0656
NaturalGas Unmitigated	1.8889	16.3309	8.2551	0.1030		1.3051	1.3051		1.3051	1.3051		20,606.6108	20,606.6108	0.3950	0.3778	20,729.0656

West Broadway Future\_Default - Sacramento County, Winter

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	52184.7	0.5628	4.8092	2.0465	0.0307		0.3888	0.3888		0.3888	0.3888		6,139.3823	6,139.3823	0.1177	0.1126	6,175.8656
Apartments Mid Rise	82391.5	0.8885	7.5929	3.2310	0.0485		0.6139	0.6139		0.6139	0.6139		9,693.1148	9,693.1148	0.1858	0.1777	9,750.7161
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	8445.72	0.0911	0.7783	0.3312	4.9700e-003		0.0629	0.0629		0.0629	0.0629		993.6140	993.6140	0.0190	0.0182	999.5186
Elementary School	4159.92	0.0449	0.4078	0.3426	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.4021	489.4021	9.3800e-003	8.9700e-003	492.3104
General Light Industry	18169.9	0.1960	1.7814	1.4963	0.0107		0.1354	0.1354		0.1354	0.1354		2,137.6348	2,137.6348	0.0410	0.0392	2,150.3377
Racquet Club	6180.9	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3623.53	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.8890</b>	<b>16.3309</b>	<b>8.2551</b>	<b>0.1031</b>		<b>1.3051</b>	<b>1.3051</b>		<b>1.3051</b>	<b>1.3051</b>		<b>20,606.6108</b>	<b>20,606.6108</b>	<b>0.3950</b>	<b>0.3778</b>	<b>20,729.0656</b>

West Broadway Future\_Default - Sacramento County, Winter

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	52.1847	0.5628	4.8092	2.0465	0.0307		0.3888	0.3888		0.3888	0.3888		6,139.3823	6,139.3823	0.1177	0.1126	6,175.8656
Apartments Mid Rise	82.3915	0.8885	7.5929	3.2310	0.0485		0.6139	0.6139		0.6139	0.6139		9,693.1148	9,693.1148	0.1858	0.1777	9,750.7161
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	8.44572	0.0911	0.7783	0.3312	4.9700e-003		0.0629	0.0629		0.0629	0.0629		993.6140	993.6140	0.0190	0.0182	999.5186
Elementary School	4.15992	0.0449	0.4078	0.3426	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.4021	489.4021	9.3800e-003	8.9700e-003	492.3104
General Light Industry	18.1699	0.1960	1.7814	1.4963	0.0107		0.1354	0.1354		0.1354	0.1354		2,137.6348	2,137.6348	0.0410	0.0392	2,150.3377
Racquet Club	6.1809	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3.62353	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.8890</b>	<b>16.3309</b>	<b>8.2551</b>	<b>0.1031</b>		<b>1.3051</b>	<b>1.3051</b>		<b>1.3051</b>	<b>1.3051</b>		<b>20,606.6108</b>	<b>20,606.6108</b>	<b>0.3950</b>	<b>0.3778</b>	<b>20,729.0656</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

West Broadway Future\_Default - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Unmitigated	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.3031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.7012					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0509	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421		728.0532	728.0532	0.6933		745.3858
<b>Total</b>	<b>148.0552</b>	<b>4.6482</b>	<b>402.9034</b>	<b>0.0214</b>		<b>2.2421</b>	<b>2.2421</b>		<b>2.2421</b>	<b>2.2421</b>	<b>0.0000</b>	<b>728.0532</b>	<b>728.0532</b>	<b>0.6933</b>	<b>0.0000</b>	<b>745.3858</b>

West Broadway Future\_Default - Sacramento County, Winter

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.3031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.7012					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0509	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421		728.0532	728.0532	0.6933		745.3858
<b>Total</b>	<b>148.0552</b>	<b>4.6482</b>	<b>402.9034</b>	<b>0.0214</b>		<b>2.2421</b>	<b>2.2421</b>		<b>2.2421</b>	<b>2.2421</b>	<b>0.0000</b>	<b>728.0532</b>	<b>728.0532</b>	<b>0.6933</b>	<b>0.0000</b>	<b>745.3858</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**



West Broadway Future\_Default - Sacramento County, Winter

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**West Broadway Future\_VMT Adj\_incl Project Features  
Sacramento County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	99.50	1000sqft	2.28	99,500.00	0
General Light Industry	185.20	1000sqft	4.25	185,200.00	0
City Park	79.50	Acre	79.50	3,463,020.00	0
Racquet Club	63.00	1000sqft	1.45	63,000.00	0
Apartments Low Rise	1,665.00	Dwelling Unit	104.06	1,665,000.00	4446
Apartments Mid Rise	3,085.00	Dwelling Unit	81.18	3,085,000.00	8237
Condo/Townhouse	150.00	Dwelling Unit	9.38	150,000.00	401
Regional Shopping Center	244.02	1000sqft	5.60	244,020.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.5	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	6			<b>Operational Year</b>	2035
<b>Utility Company</b>	Sacramento Municipal Utility District				
<b>CO2 Intensity (lb/MW hr)</b>	143.85	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Mobile Land Use Mitigation -  
Area Mitigation -

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

Table Name	Column Name	Default Value	New Value
tblEnergyUse	T24E	511.12	240.23
tblEnergyUse	T24E	460.92	428.66
tblEnergyUse	T24E	381.61	354.90
tblEnergyUse	T24E	3.41	2.39
tblEnergyUse	T24E	3.26	2.28
tblEnergyUse	T24NG	9,411.72	8,188.20
tblEnergyUse	T24NG	7,061.10	6,143.16
tblEnergyUse	T24NG	17,864.25	15,541.90
tblProjectCharacteristics	CO2IntensityFactor	590.31	143.85
tblVehicleTrips	HW_TL	10.00	1.10
tblVehicleTrips	HW_TL	10.00	4.47

## 2.0 Emissions Summary

### 2.1 Overall Construction

#### Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.4447	4.4848	2.9336	5.5800e-003	0.1254	0.2179	0.3433	0.0217	0.2025	0.2242	0.0000	492.9156	492.9156	0.1281	0.0000	496.1183
2021	0.5087	5.2624	3.0406	5.7100e-003	2.4108	0.2563	2.6671	1.0400	0.2361	1.2761	0.0000	502.3455	502.3455	0.1541	0.0000	506.1974
2022	0.4796	5.0549	3.8359	8.2400e-003	1.4184	0.2127	1.6311	0.5020	0.1957	0.6976	0.0000	724.7075	724.7075	0.2297	0.0000	730.4493
2023	1.2582	8.7494	9.8508	0.0367	3.3302	0.1691	3.4993	0.9346	0.1565	1.0911	0.0000	3,381.914 3	3,381.914 3	0.2721	0.0000	3,388.716 2

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	2.4778	15.4216	18.8553	0.0825	5.9193	0.1303	6.0496	1.5953	0.1222	1.7175	0.0000	7,659.979 2	7,659.979 2	0.3334	0.0000	7,668.313 2
2025	2.3332	14.9008	17.6099	0.0803	5.8966	0.1171	6.0138	1.5891	0.1098	1.6990	0.0000	7,458.451 2	7,458.451 2	0.3220	0.0000	7,466.499 9
2026	2.2257	14.5924	16.6078	0.0786	5.8966	0.1153	6.0119	1.5891	0.1081	1.6972	0.0000	7,303.708 0	7,303.708 0	0.3134	0.0000	7,311.5434
2027	2.1217	14.3107	15.7078	0.0770	5.8965	0.1130	6.0095	1.5891	0.1060	1.6950	0.0000	7,164.330 7	7,164.330 7	0.3056	0.0000	7,171.970 2
2028	2.0079	14.0142	14.8617	0.0753	5.8739	0.1100	5.9838	1.5830	0.1031	1.6861	0.0000	7,014.240 4	7,014.240 4	0.2974	0.0000	7,021.674 9
2029	1.9017	13.8384	14.1738	0.0744	5.8964	0.1078	6.0042	1.5891	0.1011	1.6902	0.0000	6,931.744 3	6,931.744 3	0.2917	0.0000	6,939.037 5
2030	1.7846	13.0338	13.5195	0.0739	5.8964	0.0559	5.9522	1.5890	0.0534	1.6425	0.0000	6,875.519 3	6,875.519 3	0.2280	0.0000	6,881.219 4
2031	1.6701	12.8385	12.8956	0.0729	5.8963	0.0536	5.9499	1.5890	0.0513	1.6403	0.0000	6,791.105 4	6,791.105 4	0.2222	0.0000	6,796.660 7
2032	1.5743	12.7095	12.3985	0.0724	5.9189	0.0518	5.9707	1.5951	0.0496	1.6447	0.0000	6,743.912 4	6,743.912 4	0.2180	0.0000	6,749.361 9
2033	1.4794	12.4586	11.8468	0.0711	5.8737	0.0496	5.9233	1.5829	0.0476	1.6305	0.0000	6,629.699 6	6,629.699 6	0.2120	0.0000	6,635.000 5
2034	1.4062	12.3190	11.4158	0.0705	5.8736	0.0479	5.9216	1.5829	0.0460	1.6289	0.0000	6,575.693 4	6,575.693 4	0.2080	0.0000	6,580.894 3
2035	1.3358	12.1449	11.0853	0.0703	5.8962	0.0391	5.9353	1.5890	0.0373	1.6262	0.0000	6,555.053 7	6,555.053 7	0.2043	0.0000	6,560.162 2
2036	1.3409	12.1914	11.1277	0.0706	5.9188	0.0392	5.9580	1.5951	0.0374	1.6325	0.0000	6,580.168 8	6,580.168 8	0.2051	0.0000	6,585.296 9
2037	1.3358	12.1449	11.0853	0.0703	5.8962	0.0391	5.9353	1.5890	0.0373	1.6262	0.0000	6,555.053 7	6,555.053 7	0.2043	0.0000	6,560.162 2
2038	1.3358	12.1449	11.0853	0.0703	5.8962	0.0391	5.9353	1.5890	0.0373	1.6262	0.0000	6,555.053 7	6,555.053 7	0.2043	0.0000	6,560.162 2
2039	1.3307	12.0983	11.0428	0.0700	5.8736	0.0389	5.9125	1.5829	0.0371	1.6200	0.0000	6,529.938 5	6,529.938 5	0.2036	0.0000	6,535.027 5
2040	1.1018	11.7134	9.9419	0.0688	5.8961	0.0322	5.9283	1.5890	0.0307	1.6197	0.0000	6,421.951 0	6,421.951 0	0.1922	0.0000	6,426.755 4
2041	0.5641	5.4717	5.5743	0.0327	2.6285	0.0228	2.6513	0.7083	0.0221	0.7304	0.0000	3,033.251 7	3,033.251 7	0.0913	0.0000	3,035.534 7

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2042	7.8331	0.3882	1.8685	4.5100e-003	0.3007	0.0118	0.3125	0.0800	0.0118	0.0917	0.0000	395.6425	395.6425	9.2700e-003	0.0000	395.8742
2043	25.8618	0.1645	1.3167	6.1900e-003	0.9710	3.4400e-003	0.9744	0.2583	3.2400e-003	0.2615	0.0000	558.7927	558.7927	5.7700e-003	0.0000	558.9369
<b>Maximum</b>	<b>25.8618</b>	<b>15.4216</b>	<b>18.8553</b>	<b>0.0825</b>	<b>5.9193</b>	<b>0.2563</b>	<b>6.0496</b>	<b>1.5953</b>	<b>0.2361</b>	<b>1.7175</b>	<b>0.0000</b>	<b>7,659.979 2</b>	<b>7,659.979 2</b>	<b>0.3334</b>	<b>0.0000</b>	<b>7,668.313 2</b>

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.4447	4.4848	2.9335	5.5800e-003	0.1254	0.2179	0.3433	0.0217	0.2025	0.2242	0.0000	492.9151	492.9151	0.1281	0.0000	496.1178
2021	0.5087	5.2624	3.0406	5.7100e-003	2.4108	0.2563	2.6671	1.0400	0.2361	1.2761	0.0000	502.3450	502.3450	0.1541	0.0000	506.1968
2022	0.4796	5.0549	3.8359	8.2400e-003	1.4184	0.2127	1.6311	0.5020	0.1957	0.6976	0.0000	724.7066	724.7066	0.2297	0.0000	730.4485
2023	1.2582	8.7494	9.8508	0.0367	3.3302	0.1691	3.4993	0.9346	0.1565	1.0911	0.0000	3,381.913 6	3,381.913 6	0.2721	0.0000	3,388.715 5
2024	2.4778	15.4216	18.8553	0.0825	5.9193	0.1303	6.0496	1.5953	0.1222	1.7175	0.0000	7,659.978 8	7,659.978 8	0.3334	0.0000	7,668.312 8
2025	2.3332	14.9008	17.6099	0.0803	5.8966	0.1171	6.0138	1.5891	0.1098	1.6990	0.0000	7,458.450 9	7,458.450 9	0.3220	0.0000	7,466.499 6
2026	2.2257	14.5924	16.6078	0.0786	5.8966	0.1153	6.0119	1.5891	0.1081	1.6972	0.0000	7,303.707 6	7,303.707 6	0.3134	0.0000	7,311.543 1
2027	2.1217	14.3107	15.7078	0.0770	5.8965	0.1130	6.0095	1.5891	0.1060	1.6950	0.0000	7,164.330 4	7,164.330 4	0.3056	0.0000	7,171.969 8
2028	2.0079	14.0142	14.8617	0.0753	5.8739	0.1100	5.9838	1.5830	0.1031	1.6861	0.0000	7,014.240 0	7,014.240 0	0.2974	0.0000	7,021.674 5

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2029	1.9017	13.8384	14.1738	0.0744	5.8964	0.1078	6.0042	1.5891	0.1011	1.6902	0.0000	6,931.744 0	6,931.744 0	0.2917	0.0000	6,939.037 1
2030	1.7846	13.0338	13.5195	0.0739	5.8964	0.0559	5.9522	1.5890	0.0534	1.6425	0.0000	6,875.518 9	6,875.518 9	0.2280	0.0000	6,881.219 0
2031	1.6701	12.8385	12.8956	0.0729	5.8963	0.0536	5.9499	1.5890	0.0513	1.6403	0.0000	6,791.105 0	6,791.105 0	0.2222	0.0000	6,796.660 3
2032	1.5743	12.7095	12.3985	0.0724	5.9189	0.0518	5.9707	1.5951	0.0496	1.6447	0.0000	6,743.912 0	6,743.912 0	0.2180	0.0000	6,749.361 5
2033	1.4794	12.4586	11.8468	0.0711	5.8737	0.0496	5.9233	1.5829	0.0476	1.6305	0.0000	6,629.699 2	6,629.699 2	0.2120	0.0000	6,635.000 1
2034	1.4062	12.3190	11.4158	0.0705	5.8736	0.0479	5.9216	1.5829	0.0460	1.6289	0.0000	6,575.693 0	6,575.693 0	0.2080	0.0000	6,580.893 9
2035	1.3358	12.1449	11.0853	0.0703	5.8962	0.0391	5.9353	1.5890	0.0373	1.6262	0.0000	6,555.053 3	6,555.053 3	0.2043	0.0000	6,560.161 8
2036	1.3409	12.1914	11.1277	0.0706	5.9188	0.0392	5.9580	1.5951	0.0374	1.6325	0.0000	6,580.168 4	6,580.168 4	0.2051	0.0000	6,585.296 5
2037	1.3358	12.1449	11.0853	0.0703	5.8962	0.0391	5.9353	1.5890	0.0373	1.6262	0.0000	6,555.053 3	6,555.053 3	0.2043	0.0000	6,560.161 8
2038	1.3358	12.1449	11.0853	0.0703	5.8962	0.0391	5.9353	1.5890	0.0373	1.6262	0.0000	6,555.053 3	6,555.053 3	0.2043	0.0000	6,560.161 8
2039	1.3307	12.0983	11.0428	0.0700	5.8736	0.0389	5.9125	1.5829	0.0371	1.6200	0.0000	6,529.938 1	6,529.938 1	0.2036	0.0000	6,535.027 0
2040	1.1018	11.7134	9.9418	0.0688	5.8961	0.0322	5.9283	1.5890	0.0307	1.6197	0.0000	6,421.950 6	6,421.950 6	0.1922	0.0000	6,426.755 0
2041	0.5641	5.4717	5.5743	0.0327	2.6285	0.0228	2.6513	0.7083	0.0221	0.7304	0.0000	3,033.251 3	3,033.251 3	0.0913	0.0000	3,035.534 4
2042	7.8331	0.3882	1.8685	4.5100e-003	0.3007	0.0118	0.3125	0.0800	0.0118	0.0917	0.0000	395.6422	395.6422	9.2700e-003	0.0000	395.8739
2043	25.8618	0.1645	1.3167	6.1900e-003	0.9710	3.4400e-003	0.9744	0.2583	3.2400e-003	0.2615	0.0000	558.7927	558.7927	5.7700e-003	0.0000	558.9368
<b>Maximum</b>	<b>25.8618</b>	<b>15.4216</b>	<b>18.8553</b>	<b>0.0825</b>	<b>5.9193</b>	<b>0.2563</b>	<b>6.0496</b>	<b>1.5953</b>	<b>0.2361</b>	<b>1.7175</b>	<b>0.0000</b>	<b>7,659.978 8</b>	<b>7,659.978 8</b>	<b>0.3334</b>	<b>0.0000</b>	<b>7,668.312 8</b>

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2020	3-31-2020	1.2234	1.2234
2	4-1-2020	6-30-2020	1.2220	1.2220
3	7-1-2020	9-30-2020	1.2354	1.2354
4	10-1-2020	12-31-2020	1.2369	1.2369
5	1-1-2021	3-31-2021	1.2595	1.2595
6	4-1-2021	6-30-2021	1.4461	1.4461
7	7-1-2021	9-30-2021	1.4620	1.4620
8	10-1-2021	12-31-2021	1.5931	1.5931
9	1-1-2022	3-31-2022	1.3687	1.3687
10	4-1-2022	6-30-2022	1.3839	1.3839
11	7-1-2022	9-30-2022	1.3991	1.3991
12	10-1-2022	12-31-2022	1.3992	1.3992
13	1-1-2023	3-31-2023	1.2196	1.2196
14	4-1-2023	6-30-2023	1.2331	1.2331
15	7-1-2023	9-30-2023	2.9518	2.9518
16	10-1-2023	12-31-2023	4.7158	4.7158
17	1-1-2024	3-31-2024	4.5005	4.5005
18	4-1-2024	6-30-2024	4.4467	4.4467
19	7-1-2024	9-30-2024	4.4955	4.4955
20	10-1-2024	12-31-2024	4.5500	4.5500
21	1-1-2025	3-31-2025	4.2998	4.2998
22	4-1-2025	6-30-2025	4.2975	4.2975
23	7-1-2025	9-30-2025	4.3447	4.3447

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

24	10-1-2025	12-31-2025	4.3953	4.3953
25	1-1-2026	3-31-2026	4.1940	4.1940
26	4-1-2026	6-30-2026	4.1933	4.1933
27	7-1-2026	9-30-2026	4.2394	4.2394
28	10-1-2026	12-31-2026	4.2872	4.2872
29	1-1-2027	3-31-2027	4.0957	4.0957
30	4-1-2027	6-30-2027	4.0966	4.0966
31	7-1-2027	9-30-2027	4.1416	4.1416
32	10-1-2027	12-31-2027	4.1867	4.1867
33	1-1-2028	3-31-2028	4.0511	4.0511
34	4-1-2028	6-30-2028	4.0087	4.0087
35	7-1-2028	9-30-2028	4.0527	4.0527
36	10-1-2028	12-31-2028	4.0956	4.0956
37	1-1-2029	3-31-2029	3.9186	3.9186
38	4-1-2029	6-30-2029	3.9217	3.9217
39	7-1-2029	9-30-2029	3.9648	3.9648
40	10-1-2029	12-31-2029	4.0057	4.0057
41	1-1-2030	3-31-2030	3.6884	3.6884
42	4-1-2030	6-30-2030	3.6905	3.6905
43	7-1-2030	9-30-2030	3.7311	3.7311
44	10-1-2030	12-31-2030	3.7704	3.7704
45	1-1-2031	3-31-2031	3.6088	3.6088
46	4-1-2031	6-30-2031	3.6116	3.6116
47	7-1-2031	9-30-2031	3.6512	3.6512
48	10-1-2031	12-31-2031	3.6890	3.6890
49	1-1-2032	3-31-2032	3.5765	3.5765
50	4-1-2032	6-30-2032	3.5401	3.5401



## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

51	7-1-2032	9-30-2032	3.5790	3.5790
52	10-1-2032	12-31-2032	3.6158	3.6158
53	1-1-2033	3-31-2033	3.4764	3.4764
54	4-1-2033	6-30-2033	3.4793	3.4793
55	7-1-2033	9-30-2033	3.5175	3.5175
56	10-1-2033	12-31-2033	3.5537	3.5537
57	1-1-2034	3-31-2034	3.4219	3.4219
58	4-1-2034	6-30-2034	3.4241	3.4241
59	7-1-2034	9-30-2034	3.4617	3.4617
60	10-1-2034	12-31-2034	3.4980	3.4980
61	1-1-2035	3-31-2035	3.3472	3.3472
62	4-1-2035	6-30-2035	3.3483	3.3483
63	7-1-2035	9-30-2035	3.3851	3.3851
64	10-1-2035	12-31-2035	3.4216	3.4216
65	1-1-2036	3-31-2036	3.3844	3.3844
66	4-1-2036	6-30-2036	3.3483	3.3483
67	7-1-2036	9-30-2036	3.3851	3.3851
68	10-1-2036	12-31-2036	3.4216	3.4216
69	1-1-2037	3-31-2037	3.3472	3.3472
70	4-1-2037	6-30-2037	3.3483	3.3483
71	7-1-2037	9-30-2037	3.3851	3.3851
72	10-1-2037	12-31-2037	3.4216	3.4216
73	1-1-2038	3-31-2038	3.3472	3.3472
74	4-1-2038	6-30-2038	3.3483	3.3483
75	7-1-2038	9-30-2038	3.3851	3.3851
76	10-1-2038	12-31-2038	3.4216	3.4216
77	1-1-2039	3-31-2039	3.3472	3.3472

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

78	4-1-2039	6-30-2039	3.3483	3.3483
79	7-1-2039	9-30-2039	3.3851	3.3851
80	10-1-2039	12-31-2039	3.4216	3.4216
81	1-1-2040	3-31-2040	3.2133	3.2133
82	4-1-2040	6-30-2040	3.1753	3.1753
83	7-1-2040	9-30-2040	3.2102	3.2102
84	10-1-2040	12-31-2040	3.2486	3.2486
85	1-1-2041	3-31-2041	3.1780	3.1780
86	4-1-2041	6-30-2041	2.5442	2.5442
87	7-1-2041	9-30-2041	0.1542	0.1542
88	10-1-2041	12-31-2041	0.1542	0.1542
89	1-1-2042	3-31-2042	0.1509	0.1509
90	4-1-2042	6-30-2042	0.1525	0.1525
91	7-1-2042	9-30-2042	1.1558	1.1558
92	10-1-2042	12-31-2042	6.7389	6.7389
93	1-1-2043	3-31-2043	6.5924	6.5924
94	4-1-2043	6-30-2043	6.6628	6.6628
95	7-1-2043	9-30-2043	6.7360	6.7360
		Highest	6.7389	6.7389

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	26.3271	0.5810	50.3629	2.6700e-003		0.2803	0.2803		0.2803	0.2803	0.0000	82.5598	82.5598	0.0786	0.0000	84.5253
Energy	0.3225	2.7905	1.4258	0.0176		0.2228	0.2228		0.2228	0.2228	0.0000	5,009.1031	5,009.1031	0.4276	0.1343	5,059.8182
Mobile	5.6692	29.7395	54.1924	0.2377	26.7438	0.1271	26.8710	7.1605	0.1181	7.2786	0.0000	22,018.6311	22,018.6311	0.8863	0.0000	22,040.7880
Waste						0.0000	0.0000		0.0000	0.0000	656.7082	0.0000	656.7082	38.8104	0.0000	1,626.9669
Water						0.0000	0.0000		0.0000	0.0000	136.8393	198.0850	334.9243	0.5109	0.3058	438.8385
<b>Total</b>	<b>32.3189</b>	<b>33.1111</b>	<b>105.9811</b>	<b>0.2579</b>	<b>26.7438</b>	<b>0.6302</b>	<b>27.3741</b>	<b>7.1605</b>	<b>0.6212</b>	<b>7.7817</b>	<b>793.5476</b>	<b>27,308.3790</b>	<b>28,101.9266</b>	<b>40.7137</b>	<b>0.4402</b>	<b>29,250.9370</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	26.3271	0.5810	50.3629	2.6700e-003		0.2803	0.2803		0.2803	0.2803	0.0000	82.5598	82.5598	0.0786	0.0000	84.5253
Energy	0.3225	2.7905	1.4258	0.0176		0.2228	0.2228		0.2228	0.2228	0.0000	5,009.1031	5,009.1031	0.4276	0.1343	5,059.8182
Mobile	5.6491	29.6410	53.7260	0.2351	26.4229	0.1259	26.5489	7.0746	0.1170	7.1915	0.0000	21,783.7369	21,783.7369	0.8793	0.0000	21,805.7200
Waste						0.0000	0.0000		0.0000	0.0000	656.7082	0.0000	656.7082	38.8104	0.0000	1,626.9669
Water						0.0000	0.0000		0.0000	0.0000	136.8393	198.0850	334.9243	0.5109	0.3058	438.8385
<b>Total</b>	<b>32.2987</b>	<b>33.0125</b>	<b>105.5146</b>	<b>0.2554</b>	<b>26.4229</b>	<b>0.6290</b>	<b>27.0519</b>	<b>7.0746</b>	<b>0.6201</b>	<b>7.6946</b>	<b>793.5476</b>	<b>27,073.4848</b>	<b>27,867.0324</b>	<b>40.7068</b>	<b>0.4402</b>	<b>29,015.8690</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>0.06</b>	<b>0.30</b>	<b>0.44</b>	<b>0.98</b>	<b>1.20</b>	<b>0.19</b>	<b>1.18</b>	<b>1.20</b>	<b>0.18</b>	<b>1.12</b>	<b>0.00</b>	<b>0.86</b>	<b>0.84</b>	<b>0.02</b>	<b>0.00</b>	<b>0.80</b>

**3.0 Construction Detail**

**Construction Phase**

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	2/23/2021	5	300	
2	Site Preparation	Site Preparation	2/24/2021	11/2/2021	5	180	
3	Grading	Grading	11/3/2021	8/15/2023	5	465	
4	Building Construction	Building Construction	8/16/2023	6/11/2041	5	4650	
5	Paving	Paving	6/12/2041	9/16/2042	5	330	
6	Architectural Coating	Architectural Coating	9/17/2042	12/22/2043	5	330	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 1162.5**

**Acres of Paving: 0**

**Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 887,580; Non-Residential Outdoor: 295,860; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	1,040.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,207.00	1,188.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,041.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1025	0.0000	0.1025	0.0155	0.0000	0.0155	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4339	4.3493	2.8497	5.0800e-003		0.2173	0.2173		0.2020	0.2020	0.0000	445.3818	445.3818	0.1257	0.0000	448.5250
<b>Total</b>	<b>0.4339</b>	<b>4.3493</b>	<b>2.8497</b>	<b>5.0800e-003</b>	<b>0.1025</b>	<b>0.2173</b>	<b>0.3198</b>	<b>0.0155</b>	<b>0.2020</b>	<b>0.2175</b>	<b>0.0000</b>	<b>445.3818</b>	<b>445.3818</b>	<b>0.1257</b>	<b>0.0000</b>	<b>448.5250</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.4900e-003	0.1305	0.0295	3.6000e-004	8.5000e-003	4.7000e-004	8.9700e-003	2.3100e-003	4.5000e-004	2.7600e-003	0.0000	34.7469	34.7469	2.0200e-003	0.0000	34.7974
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3100e-003	4.9600e-003	0.0544	1.4000e-004	0.0144	1.0000e-004	0.0145	3.8400e-003	1.0000e-004	3.9300e-003	0.0000	12.7870	12.7870	3.6000e-004	0.0000	12.7960
<b>Total</b>	<b>0.0108</b>	<b>0.1354</b>	<b>0.0839</b>	<b>5.0000e-004</b>	<b>0.0229</b>	<b>5.7000e-004</b>	<b>0.0235</b>	<b>6.1500e-003</b>	<b>5.5000e-004</b>	<b>6.6900e-003</b>	<b>0.0000</b>	<b>47.5338</b>	<b>47.5338</b>	<b>2.3800e-003</b>	<b>0.0000</b>	<b>47.5934</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1025	0.0000	0.1025	0.0155	0.0000	0.0155	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4339	4.3493	2.8497	5.0800e-003		0.2173	0.2173		0.2020	0.2020	0.0000	445.3812	445.3812	0.1257	0.0000	448.5244
<b>Total</b>	<b>0.4339</b>	<b>4.3493</b>	<b>2.8497</b>	<b>5.0800e-003</b>	<b>0.1025</b>	<b>0.2173</b>	<b>0.3198</b>	<b>0.0155</b>	<b>0.2020</b>	<b>0.2175</b>	<b>0.0000</b>	<b>445.3812</b>	<b>445.3812</b>	<b>0.1257</b>	<b>0.0000</b>	<b>448.5244</b>



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**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.4900e-003	0.1305	0.0295	3.6000e-004	8.5000e-003	4.7000e-004	8.9700e-003	2.3100e-003	4.5000e-004	2.7600e-003	0.0000	34.7469	34.7469	2.0200e-003	0.0000	34.7974
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3100e-003	4.9600e-003	0.0544	1.4000e-004	0.0144	1.0000e-004	0.0145	3.8400e-003	1.0000e-004	3.9300e-003	0.0000	12.7870	12.7870	3.6000e-004	0.0000	12.7960
<b>Total</b>	<b>0.0108</b>	<b>0.1354</b>	<b>0.0839</b>	<b>5.0000e-004</b>	<b>0.0229</b>	<b>5.7000e-004</b>	<b>0.0235</b>	<b>6.1500e-003</b>	<b>5.5000e-004</b>	<b>6.6900e-003</b>	<b>0.0000</b>	<b>47.5338</b>	<b>47.5338</b>	<b>2.3800e-003</b>	<b>0.0000</b>	<b>47.5934</b>

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0149	0.0000	0.0149	2.2500e-003	0.0000	2.2500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0601	0.5974	0.4097	7.4000e-004		0.0295	0.0295		0.0274	0.0274	0.0000	64.6015	64.6015	0.0182	0.0000	65.0561
<b>Total</b>	<b>0.0601</b>	<b>0.5974</b>	<b>0.4097</b>	<b>7.4000e-004</b>	<b>0.0149</b>	<b>0.0295</b>	<b>0.0444</b>	<b>2.2500e-003</b>	<b>0.0274</b>	<b>0.0296</b>	<b>0.0000</b>	<b>64.6015</b>	<b>64.6015</b>	<b>0.0182</b>	<b>0.0000</b>	<b>65.0561</b>

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**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.7000e-004	0.0174	3.9700e-003	5.0000e-005	6.8800e-003	6.0000e-005	6.9400e-003	1.7200e-003	6.0000e-005	1.7800e-003	0.0000	4.9811	4.9811	2.9000e-004	0.0000	4.9883
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.9000e-004	6.4000e-004	7.2100e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1100e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.7915	1.7915	5.0000e-005	0.0000	1.7926
<b>Total</b>	<b>1.4600e-003</b>	<b>0.0180</b>	<b>0.0112</b>	<b>7.0000e-005</b>	<b>8.9700e-003</b>	<b>7.0000e-005</b>	<b>9.0500e-003</b>	<b>2.2800e-003</b>	<b>7.0000e-005</b>	<b>2.3500e-003</b>	<b>0.0000</b>	<b>6.7725</b>	<b>6.7725</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>6.7809</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0149	0.0000	0.0149	2.2500e-003	0.0000	2.2500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0601	0.5974	0.4097	7.4000e-004		0.0295	0.0295		0.0274	0.0274	0.0000	64.6014	64.6014	0.0182	0.0000	65.0560
<b>Total</b>	<b>0.0601</b>	<b>0.5974</b>	<b>0.4097</b>	<b>7.4000e-004</b>	<b>0.0149</b>	<b>0.0295</b>	<b>0.0444</b>	<b>2.2500e-003</b>	<b>0.0274</b>	<b>0.0296</b>	<b>0.0000</b>	<b>64.6014</b>	<b>64.6014</b>	<b>0.0182</b>	<b>0.0000</b>	<b>65.0560</b>

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**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.7000e-004	0.0174	3.9700e-003	5.0000e-005	6.8800e-003	6.0000e-005	6.9400e-003	1.7200e-003	6.0000e-005	1.7800e-003	0.0000	4.9811	4.9811	2.9000e-004	0.0000	4.9883
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.9000e-004	6.4000e-004	7.2100e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1100e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.7915	1.7915	5.0000e-005	0.0000	1.7926
<b>Total</b>	<b>1.4600e-003</b>	<b>0.0180</b>	<b>0.0112</b>	<b>7.0000e-005</b>	<b>8.9700e-003</b>	<b>7.0000e-005</b>	<b>9.0500e-003</b>	<b>2.2800e-003</b>	<b>7.0000e-005</b>	<b>2.3500e-003</b>	<b>0.0000</b>	<b>6.7725</b>	<b>6.7725</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>6.7809</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.6260	0.0000	1.6260	0.8938	0.0000	0.8938	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3499	3.6447	1.9039	3.4200e-003		0.1840	0.1840		0.1693	0.1693	0.0000	300.9215	300.9215	0.0973	0.0000	303.3546
<b>Total</b>	<b>0.3499</b>	<b>3.6447</b>	<b>1.9039</b>	<b>3.4200e-003</b>	<b>1.6260</b>	<b>0.1840</b>	<b>1.8100</b>	<b>0.8938</b>	<b>0.1693</b>	<b>1.0630</b>	<b>0.0000</b>	<b>300.9215</b>	<b>300.9215</b>	<b>0.0973</b>	<b>0.0000</b>	<b>303.3546</b>

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**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6100e-003	3.6700e-003	0.0410	1.1000e-004	0.0119	8.0000e-005	0.0120	3.1600e-003	8.0000e-005	3.2400e-003	0.0000	10.1830	10.1830	2.7000e-004	0.0000	10.1897
<b>Total</b>	<b>5.6100e-003</b>	<b>3.6700e-003</b>	<b>0.0410</b>	<b>1.1000e-004</b>	<b>0.0119</b>	<b>8.0000e-005</b>	<b>0.0120</b>	<b>3.1600e-003</b>	<b>8.0000e-005</b>	<b>3.2400e-003</b>	<b>0.0000</b>	<b>10.1830</b>	<b>10.1830</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>10.1897</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.6260	0.0000	1.6260	0.8938	0.0000	0.8938	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3499	3.6447	1.9039	3.4200e-003		0.1840	0.1840		0.1693	0.1693	0.0000	300.9211	300.9211	0.0973	0.0000	303.3542
<b>Total</b>	<b>0.3499</b>	<b>3.6447</b>	<b>1.9039</b>	<b>3.4200e-003</b>	<b>1.6260</b>	<b>0.1840</b>	<b>1.8100</b>	<b>0.8938</b>	<b>0.1693</b>	<b>1.0630</b>	<b>0.0000</b>	<b>300.9211</b>	<b>300.9211</b>	<b>0.0973</b>	<b>0.0000</b>	<b>303.3542</b>

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**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6100e-003	3.6700e-003	0.0410	1.1000e-004	0.0119	8.0000e-005	0.0120	3.1600e-003	8.0000e-005	3.2400e-003	0.0000	10.1830	10.1830	2.7000e-004	0.0000	10.1897
<b>Total</b>	<b>5.6100e-003</b>	<b>3.6700e-003</b>	<b>0.0410</b>	<b>1.1000e-004</b>	<b>0.0119</b>	<b>8.0000e-005</b>	<b>0.0120</b>	<b>3.1600e-003</b>	<b>8.0000e-005</b>	<b>3.2400e-003</b>	<b>0.0000</b>	<b>10.1830</b>	<b>10.1830</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>10.1897</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.7459	0.0000	0.7459	0.1377	0.0000	0.1377	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0901	0.9976	0.6639	1.3300e-003		0.0427	0.0427		0.0393	0.0393	0.0000	117.1642	117.1642	0.0379	0.0000	118.1115
<b>Total</b>	<b>0.0901</b>	<b>0.9976</b>	<b>0.6639</b>	<b>1.3300e-003</b>	<b>0.7459</b>	<b>0.0427</b>	<b>0.7886</b>	<b>0.1377</b>	<b>0.0393</b>	<b>0.1770</b>	<b>0.0000</b>	<b>117.1642</b>	<b>117.1642</b>	<b>0.0379</b>	<b>0.0000</b>	<b>118.1115</b>

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**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4900e-003	9.7000e-004	0.0109	3.0000e-005	3.1600e-003	2.0000e-005	3.1800e-003	8.4000e-004	2.0000e-005	8.6000e-004	0.0000	2.7029	2.7029	7.0000e-005	0.0000	2.7047
<b>Total</b>	<b>1.4900e-003</b>	<b>9.7000e-004</b>	<b>0.0109</b>	<b>3.0000e-005</b>	<b>3.1600e-003</b>	<b>2.0000e-005</b>	<b>3.1800e-003</b>	<b>8.4000e-004</b>	<b>2.0000e-005</b>	<b>8.6000e-004</b>	<b>0.0000</b>	<b>2.7029</b>	<b>2.7029</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>2.7047</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.7459	0.0000	0.7459	0.1377	0.0000	0.1377	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0901	0.9976	0.6639	1.3300e-003		0.0427	0.0427		0.0393	0.0393	0.0000	117.1641	117.1641	0.0379	0.0000	118.1114
<b>Total</b>	<b>0.0901</b>	<b>0.9976</b>	<b>0.6639</b>	<b>1.3300e-003</b>	<b>0.7459</b>	<b>0.0427</b>	<b>0.7886</b>	<b>0.1377</b>	<b>0.0393</b>	<b>0.1770</b>	<b>0.0000</b>	<b>117.1641</b>	<b>117.1641</b>	<b>0.0379</b>	<b>0.0000</b>	<b>118.1114</b>

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**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4900e-003	9.7000e-004	0.0109	3.0000e-005	3.1600e-003	2.0000e-005	3.1800e-003	8.4000e-004	2.0000e-005	8.6000e-004	0.0000	2.7029	2.7029	7.0000e-005	0.0000	2.7047
<b>Total</b>	<b>1.4900e-003</b>	<b>9.7000e-004</b>	<b>0.0109</b>	<b>3.0000e-005</b>	<b>3.1600e-003</b>	<b>2.0000e-005</b>	<b>3.1800e-003</b>	<b>8.4000e-004</b>	<b>2.0000e-005</b>	<b>8.6000e-004</b>	<b>0.0000</b>	<b>2.7029</b>	<b>2.7029</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>2.7047</b>

**3.4 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3993	0.0000	1.3993	0.4969	0.0000	0.4969	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4712	5.0497	3.7754	8.0700e-003		0.2125	0.2125		0.1955	0.1955	0.0000	708.9498	708.9498	0.2293	0.0000	714.6820
<b>Total</b>	<b>0.4712</b>	<b>5.0497</b>	<b>3.7754</b>	<b>8.0700e-003</b>	<b>1.3993</b>	<b>0.2125</b>	<b>1.6118</b>	<b>0.4969</b>	<b>0.1955</b>	<b>0.6924</b>	<b>0.0000</b>	<b>708.9498</b>	<b>708.9498</b>	<b>0.2293</b>	<b>0.0000</b>	<b>714.6820</b>

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**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.4100e-003	5.2900e-003	0.0605	1.7000e-004	0.0191	1.3000e-004	0.0192	5.0800e-003	1.2000e-004	5.2000e-003	0.0000	15.7577	15.7577	3.9000e-004	0.0000	15.7673
<b>Total</b>	<b>8.4100e-003</b>	<b>5.2900e-003</b>	<b>0.0605</b>	<b>1.7000e-004</b>	<b>0.0191</b>	<b>1.3000e-004</b>	<b>0.0192</b>	<b>5.0800e-003</b>	<b>1.2000e-004</b>	<b>5.2000e-003</b>	<b>0.0000</b>	<b>15.7577</b>	<b>15.7577</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>15.7673</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3993	0.0000	1.3993	0.4969	0.0000	0.4969	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4712	5.0497	3.7754	8.0700e-003		0.2125	0.2125		0.1955	0.1955	0.0000	708.9490	708.9490	0.2293	0.0000	714.6812
<b>Total</b>	<b>0.4712</b>	<b>5.0497</b>	<b>3.7754</b>	<b>8.0700e-003</b>	<b>1.3993</b>	<b>0.2125</b>	<b>1.6118</b>	<b>0.4969</b>	<b>0.1955</b>	<b>0.6924</b>	<b>0.0000</b>	<b>708.9490</b>	<b>708.9490</b>	<b>0.2293</b>	<b>0.0000</b>	<b>714.6812</b>



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**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.4100e-003	5.2900e-003	0.0605	1.7000e-004	0.0191	1.3000e-004	0.0192	5.0800e-003	1.2000e-004	5.2000e-003	0.0000	15.7577	15.7577	3.9000e-004	0.0000	15.7673
<b>Total</b>	<b>8.4100e-003</b>	<b>5.2900e-003</b>	<b>0.0605</b>	<b>1.7000e-004</b>	<b>0.0191</b>	<b>1.3000e-004</b>	<b>0.0192</b>	<b>5.0800e-003</b>	<b>1.2000e-004</b>	<b>5.2000e-003</b>	<b>0.0000</b>	<b>15.7577</b>	<b>15.7577</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>15.7673</b>

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1042	0.0000	1.1042	0.3347	0.0000	0.3347	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2691	2.7958	2.2721	5.0300e-003		0.1154	0.1154		0.1062	0.1062	0.0000	441.7352	441.7352	0.1429	0.0000	445.3068
<b>Total</b>	<b>0.2691</b>	<b>2.7958</b>	<b>2.2721</b>	<b>5.0300e-003</b>	<b>1.1042</b>	<b>0.1154</b>	<b>1.2196</b>	<b>0.3347</b>	<b>0.1062</b>	<b>0.4408</b>	<b>0.0000</b>	<b>441.7352</b>	<b>441.7352</b>	<b>0.1429</b>	<b>0.0000</b>	<b>445.3068</b>

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**3.4 Grading - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9100e-003	2.9700e-003	0.0346	1.0000e-004	0.0119	8.0000e-005	0.0120	3.1600e-003	7.0000e-005	3.2400e-003	0.0000	9.4496	9.4496	2.2000e-004	0.0000	9.4549
<b>Total</b>	<b>4.9100e-003</b>	<b>2.9700e-003</b>	<b>0.0346</b>	<b>1.0000e-004</b>	<b>0.0119</b>	<b>8.0000e-005</b>	<b>0.0120</b>	<b>3.1600e-003</b>	<b>7.0000e-005</b>	<b>3.2400e-003</b>	<b>0.0000</b>	<b>9.4496</b>	<b>9.4496</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>9.4549</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1042	0.0000	1.1042	0.3347	0.0000	0.3347	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2691	2.7958	2.2721	5.0300e-003		0.1154	0.1154		0.1062	0.1062	0.0000	441.7347	441.7347	0.1429	0.0000	445.3063
<b>Total</b>	<b>0.2691</b>	<b>2.7958</b>	<b>2.2721</b>	<b>5.0300e-003</b>	<b>1.1042</b>	<b>0.1154</b>	<b>1.2196</b>	<b>0.3347</b>	<b>0.1062</b>	<b>0.4408</b>	<b>0.0000</b>	<b>441.7347</b>	<b>441.7347</b>	<b>0.1429</b>	<b>0.0000</b>	<b>445.3063</b>

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**3.4 Grading - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9100e-003	2.9700e-003	0.0346	1.0000e-004	0.0119	8.0000e-005	0.0120	3.1600e-003	7.0000e-005	3.2400e-003	0.0000	9.4496	9.4496	2.2000e-004	0.0000	9.4549
<b>Total</b>	<b>4.9100e-003</b>	<b>2.9700e-003</b>	<b>0.0346</b>	<b>1.0000e-004</b>	<b>0.0119</b>	<b>8.0000e-005</b>	<b>0.0120</b>	<b>3.1600e-003</b>	<b>7.0000e-005</b>	<b>3.2400e-003</b>	<b>0.0000</b>	<b>9.4496</b>	<b>9.4496</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>9.4549</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0771	0.7049	0.7960	1.3200e-003		0.0343	0.0343		0.0323	0.0323	0.0000	113.5843	113.5843	0.0270	0.0000	114.2598
<b>Total</b>	<b>0.0771</b>	<b>0.7049</b>	<b>0.7960</b>	<b>1.3200e-003</b>		<b>0.0343</b>	<b>0.0343</b>		<b>0.0323</b>	<b>0.0323</b>	<b>0.0000</b>	<b>113.5843</b>	<b>113.5843</b>	<b>0.0270</b>	<b>0.0000</b>	<b>114.2598</b>

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**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1343	4.7787	1.2983	0.0138	0.3403	6.8700e-003	0.3471	0.0983	6.5700e-003	0.1049	0.0000	1,328.8818	1,328.8818	0.0681	0.0000	1,330.5832
Worker	0.7728	0.4671	5.4498	0.0165	1.8739	0.0125	1.8863	0.4984	0.0115	0.5099	0.0000	1,488.2635	1,488.2635	0.0339	0.0000	1,489.1114
<b>Total</b>	<b>0.9072</b>	<b>5.2458</b>	<b>6.7481</b>	<b>0.0303</b>	<b>2.2141</b>	<b>0.0193</b>	<b>2.2335</b>	<b>0.5967</b>	<b>0.0180</b>	<b>0.6148</b>	<b>0.0000</b>	<b>2,817.1452</b>	<b>2,817.1452</b>	<b>0.1020</b>	<b>0.0000</b>	<b>2,819.6946</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0771	0.7049	0.7960	1.3200e-003		0.0343	0.0343		0.0323	0.0323	0.0000	113.5842	113.5842	0.0270	0.0000	114.2597
<b>Total</b>	<b>0.0771</b>	<b>0.7049</b>	<b>0.7960</b>	<b>1.3200e-003</b>		<b>0.0343</b>	<b>0.0343</b>		<b>0.0323</b>	<b>0.0323</b>	<b>0.0000</b>	<b>113.5842</b>	<b>113.5842</b>	<b>0.0270</b>	<b>0.0000</b>	<b>114.2597</b>

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**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1343	4.7787	1.2983	0.0138	0.3403	6.8700e-003	0.3471	0.0983	6.5700e-003	0.1049	0.0000	1,328.8818	1,328.8818	0.0681	0.0000	1,330.5832
Worker	0.7728	0.4671	5.4498	0.0165	1.8739	0.0125	1.8863	0.4984	0.0115	0.5099	0.0000	1,488.2635	1,488.2635	0.0339	0.0000	1,489.1114
<b>Total</b>	<b>0.9072</b>	<b>5.2458</b>	<b>6.7481</b>	<b>0.0303</b>	<b>2.2141</b>	<b>0.0193</b>	<b>2.2335</b>	<b>0.5967</b>	<b>0.0180</b>	<b>0.6148</b>	<b>0.0000</b>	<b>2,817.1452</b>	<b>2,817.1452</b>	<b>0.1020</b>	<b>0.0000</b>	<b>2,819.6946</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179
<b>Total</b>	<b>0.1928</b>	<b>1.7611</b>	<b>2.1179</b>	<b>3.5300e-003</b>		<b>0.0803</b>	<b>0.0803</b>		<b>0.0756</b>	<b>0.0756</b>	<b>0.0000</b>	<b>303.7223</b>	<b>303.7223</b>	<b>0.0718</b>	<b>0.0000</b>	<b>305.5179</b>

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**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3422	12.5319	3.2448	0.0367	0.9096	0.0174	0.9270	0.2628	0.0167	0.2795	0.0000	3,532.0998	3,532.0998	0.1797	0.0000	3,536.5933
Worker	1.9428	1.1286	13.4927	0.0423	5.0097	0.0326	5.0423	1.3324	0.0300	1.3624	0.0000	3,824.1571	3,824.1571	0.0818	0.0000	3,826.2020
<b>Total</b>	<b>2.2850</b>	<b>13.6605</b>	<b>16.7375</b>	<b>0.0790</b>	<b>5.9193</b>	<b>0.0500</b>	<b>5.9693</b>	<b>1.5953</b>	<b>0.0467</b>	<b>1.6419</b>	<b>0.0000</b>	<b>7,356.2569</b>	<b>7,356.2569</b>	<b>0.2615</b>	<b>0.0000</b>	<b>7,362.7953</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
<b>Total</b>	<b>0.1928</b>	<b>1.7611</b>	<b>2.1179</b>	<b>3.5300e-003</b>		<b>0.0803</b>	<b>0.0803</b>		<b>0.0756</b>	<b>0.0756</b>	<b>0.0000</b>	<b>303.7220</b>	<b>303.7220</b>	<b>0.0718</b>	<b>0.0000</b>	<b>305.5175</b>

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**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3422	12.5319	3.2448	0.0367	0.9096	0.0174	0.9270	0.2628	0.0167	0.2795	0.0000	3,532.0998	3,532.0998	0.1797	0.0000	3,536.5933
Worker	1.9428	1.1286	13.4927	0.0423	5.0097	0.0326	5.0423	1.3324	0.0300	1.3624	0.0000	3,824.1571	3,824.1571	0.0818	0.0000	3,826.2020
<b>Total</b>	<b>2.2850</b>	<b>13.6605</b>	<b>16.7375</b>	<b>0.0790</b>	<b>5.9193</b>	<b>0.0500</b>	<b>5.9693</b>	<b>1.5953</b>	<b>0.0467</b>	<b>1.6419</b>	<b>0.0000</b>	<b>7,356.2569</b>	<b>7,356.2569</b>	<b>0.2615</b>	<b>0.0000</b>	<b>7,362.7953</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3270	12.2526	3.0605	0.0363	0.9060	0.0165	0.9225	0.2618	0.0157	0.2776	0.0000	3,498.7573	3,498.7573	0.1770	0.0000	3,503.1810
Worker	1.8277	1.0209	12.4503	0.0404	4.9906	0.0318	5.0224	1.3273	0.0293	1.3566	0.0000	3,657.0391	3,657.0391	0.0739	0.0000	3,658.8854
<b>Total</b>	<b>2.1547</b>	<b>13.2735</b>	<b>15.5108</b>	<b>0.0768</b>	<b>5.8966</b>	<b>0.0483</b>	<b>5.9449</b>	<b>1.5891</b>	<b>0.0450</b>	<b>1.6342</b>	<b>0.0000</b>	<b>7,155.7964</b>	<b>7,155.7964</b>	<b>0.2508</b>	<b>0.0000</b>	<b>7,162.0664</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>



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**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3270	12.2526	3.0605	0.0363	0.9060	0.0165	0.9225	0.2618	0.0157	0.2776	0.0000	3,498.7573	3,498.7573	0.1770	0.0000	3,503.1810
Worker	1.8277	1.0209	12.4503	0.0404	4.9906	0.0318	5.0224	1.3273	0.0293	1.3566	0.0000	3,657.0391	3,657.0391	0.0739	0.0000	3,658.8854
<b>Total</b>	<b>2.1547</b>	<b>13.2735</b>	<b>15.5108</b>	<b>0.0768</b>	<b>5.8966</b>	<b>0.0483</b>	<b>5.9449</b>	<b>1.5891</b>	<b>0.0450</b>	<b>1.6342</b>	<b>0.0000</b>	<b>7,155.7964</b>	<b>7,155.7964</b>	<b>0.2508</b>	<b>0.0000</b>	<b>7,162.0664</b>

**3.5 Building Construction - 2026**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3147	12.0325	2.9205	0.0361	0.9060	0.0156	0.9215	0.2618	0.0149	0.2767	0.0000	3,479.8878	3,479.8878	0.1750	0.0000	3,484.2638
Worker	1.7326	0.9327	11.5882	0.0389	4.9906	0.0309	5.0215	1.3273	0.0284	1.3558	0.0000	3,521.1653	3,521.1653	0.0672	0.0000	3,522.8461
<b>Total</b>	<b>2.0473</b>	<b>12.9651</b>	<b>14.5087</b>	<b>0.0750</b>	<b>5.8966</b>	<b>0.0465</b>	<b>5.9430</b>	<b>1.5891</b>	<b>0.0433</b>	<b>1.6324</b>	<b>0.0000</b>	<b>7,001.0531</b>	<b>7,001.0531</b>	<b>0.2423</b>	<b>0.0000</b>	<b>7,007.1099</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>

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**3.5 Building Construction - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3147	12.0325	2.9205	0.0361	0.9060	0.0156	0.9215	0.2618	0.0149	0.2767	0.0000	3,479.8878	3,479.8878	0.1750	0.0000	3,484.2638
Worker	1.7326	0.9327	11.5882	0.0389	4.9906	0.0309	5.0215	1.3273	0.0284	1.3558	0.0000	3,521.1653	3,521.1653	0.0672	0.0000	3,522.8461
<b>Total</b>	<b>2.0473</b>	<b>12.9651</b>	<b>14.5087</b>	<b>0.0750</b>	<b>5.8966</b>	<b>0.0465</b>	<b>5.9430</b>	<b>1.5891</b>	<b>0.0433</b>	<b>1.6324</b>	<b>0.0000</b>	<b>7,001.0531</b>	<b>7,001.0531</b>	<b>0.2423</b>	<b>0.0000</b>	<b>7,007.1099</b>

**3.5 Building Construction - 2027**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2027**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3039	11.8301	2.7989	0.0359	0.9059	0.0148	0.9207	0.2618	0.0142	0.2759	0.0000	3,462.1431	3,462.1431	0.1732	0.0000	3,466.4725
Worker	1.6394	0.8534	10.8099	0.0376	4.9906	0.0294	5.0200	1.3273	0.0270	1.3544	0.0000	3,399.5328	3,399.5328	0.0613	0.0000	3,401.0641
<b>Total</b>	<b>1.9433</b>	<b>12.6835</b>	<b>13.6087</b>	<b>0.0735</b>	<b>5.8965</b>	<b>0.0442</b>	<b>5.9407</b>	<b>1.5891</b>	<b>0.0412</b>	<b>1.6303</b>	<b>0.0000</b>	<b>6,861.6758</b>	<b>6,861.6758</b>	<b>0.2344</b>	<b>0.0000</b>	<b>6,867.5367</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>

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**3.5 Building Construction - 2027**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3039	11.8301	2.7989	0.0359	0.9059	0.0148	0.9207	0.2618	0.0142	0.2759	0.0000	3,462.1431	3,462.1431	0.1732	0.0000	3,466.4725
Worker	1.6394	0.8534	10.8099	0.0376	4.9906	0.0294	5.0200	1.3273	0.0270	1.3544	0.0000	3,399.5328	3,399.5328	0.0613	0.0000	3,401.0641
<b>Total</b>	<b>1.9433</b>	<b>12.6835</b>	<b>13.6087</b>	<b>0.0735</b>	<b>5.8965</b>	<b>0.0442</b>	<b>5.9407</b>	<b>1.5891</b>	<b>0.0412</b>	<b>1.6303</b>	<b>0.0000</b>	<b>6,861.6758</b>	<b>6,861.6758</b>	<b>0.2344</b>	<b>0.0000</b>	<b>6,867.5367</b>

**3.5 Building Construction - 2028**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671
<b>Total</b>	<b>0.1778</b>	<b>1.6211</b>	<b>2.0910</b>	<b>3.5000e-003</b>		<b>0.0686</b>	<b>0.0686</b>		<b>0.0645</b>	<b>0.0645</b>	<b>0.0000</b>	<b>301.4953</b>	<b>301.4953</b>	<b>0.0709</b>	<b>0.0000</b>	<b>303.2671</b>

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**3.5 Building Construction - 2028**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2932	11.6131	2.6857	0.0356	0.9024	0.0141	0.9165	0.2607	0.0135	0.2742	0.0000	3,433.798 3	3,433.798 3	0.1706	0.0000	3,438.064 2
Worker	1.5369	0.7800	10.0849	0.0362	4.9715	0.0273	4.9988	1.3223	0.0251	1.3474	0.0000	3,278.946 7	3,278.946 7	0.0559	0.0000	3,280.343 6
<b>Total</b>	<b>1.8302</b>	<b>12.3931</b>	<b>12.7707</b>	<b>0.0718</b>	<b>5.8739</b>	<b>0.0414</b>	<b>5.9153</b>	<b>1.5830</b>	<b>0.0386</b>	<b>1.6216</b>	<b>0.0000</b>	<b>6,712.745 1</b>	<b>6,712.745 1</b>	<b>0.2265</b>	<b>0.0000</b>	<b>6,718.407 8</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667
<b>Total</b>	<b>0.1778</b>	<b>1.6211</b>	<b>2.0910</b>	<b>3.5000e-003</b>		<b>0.0686</b>	<b>0.0686</b>		<b>0.0645</b>	<b>0.0645</b>	<b>0.0000</b>	<b>301.4949</b>	<b>301.4949</b>	<b>0.0709</b>	<b>0.0000</b>	<b>303.2667</b>

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**3.5 Building Construction - 2028**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2932	11.6131	2.6857	0.0356	0.9024	0.0141	0.9165	0.2607	0.0135	0.2742	0.0000	3,433.798 3	3,433.798 3	0.1706	0.0000	3,438.064 2
Worker	1.5369	0.7800	10.0849	0.0362	4.9715	0.0273	4.9988	1.3223	0.0251	1.3474	0.0000	3,278.946 7	3,278.946 7	0.0559	0.0000	3,280.343 6
<b>Total</b>	<b>1.8302</b>	<b>12.3931</b>	<b>12.7707</b>	<b>0.0718</b>	<b>5.8739</b>	<b>0.0414</b>	<b>5.9153</b>	<b>1.5830</b>	<b>0.0386</b>	<b>1.6216</b>	<b>0.0000</b>	<b>6,712.745 1</b>	<b>6,712.745 1</b>	<b>0.2265</b>	<b>0.0000</b>	<b>6,718.407 8</b>

**3.5 Building Construction - 2029**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2029**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2858	11.4938	2.6100	0.0356	0.9058	0.0135	0.9193	0.2617	0.0129	0.2746	0.0000	3,433.2265	3,433.2265	0.1694	0.0000	3,437.4616
Worker	1.4375	0.7173	9.4648	0.0353	4.9906	0.0255	5.0161	1.3273	0.0235	1.3508	0.0000	3,195.8629	3,195.8629	0.0512	0.0000	3,197.1423
<b>Total</b>	<b>1.7233</b>	<b>12.2111</b>	<b>12.0748</b>	<b>0.0709</b>	<b>5.8964</b>	<b>0.0390</b>	<b>5.9354</b>	<b>1.5891</b>	<b>0.0364</b>	<b>1.6254</b>	<b>0.0000</b>	<b>6,629.0894</b>	<b>6,629.0894</b>	<b>0.2206</b>	<b>0.0000</b>	<b>6,634.6040</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>



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**3.5 Building Construction - 2029**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2858	11.4938	2.6100	0.0356	0.9058	0.0135	0.9193	0.2617	0.0129	0.2746	0.0000	3,433.2265	3,433.2265	0.1694	0.0000	3,437.4616
Worker	1.4375	0.7173	9.4648	0.0353	4.9906	0.0255	5.0161	1.3273	0.0235	1.3508	0.0000	3,195.8629	3,195.8629	0.0512	0.0000	3,197.1423
<b>Total</b>	<b>1.7233</b>	<b>12.2111</b>	<b>12.0748</b>	<b>0.0709</b>	<b>5.8964</b>	<b>0.0390</b>	<b>5.9354</b>	<b>1.5891</b>	<b>0.0364</b>	<b>1.6254</b>	<b>0.0000</b>	<b>6,629.0894</b>	<b>6,629.0894</b>	<b>0.2206</b>	<b>0.0000</b>	<b>6,634.6040</b>

**3.5 Building Construction - 2030**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
<b>Total</b>	<b>0.1708</b>	<b>1.0355</b>	<b>2.1085</b>	<b>4.0400e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>343.0336</b>	<b>343.0336</b>	<b>0.0138</b>	<b>0.0000</b>	<b>343.3777</b>

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**3.5 Building Construction - 2030**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2780	11.3402	2.5391	0.0355	0.9057	0.0128	0.9185	0.2617	0.0122	0.2739	0.0000	3,420.9238	3,420.9238	0.1675	0.0000	3,425.1100
Worker	1.3357	0.6581	8.8719	0.0344	4.9906	0.0238	5.0144	1.3273	0.0219	1.3492	0.0000	3,111.5619	3,111.5619	0.0468	0.0000	3,112.7318
<b>Total</b>	<b>1.6137</b>	<b>11.9983</b>	<b>11.4110</b>	<b>0.0698</b>	<b>5.8964</b>	<b>0.0366</b>	<b>5.9329</b>	<b>1.5890</b>	<b>0.0341</b>	<b>1.6231</b>	<b>0.0000</b>	<b>6,532.4857</b>	<b>6,532.4857</b>	<b>0.2143</b>	<b>0.0000</b>	<b>6,537.8418</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
<b>Total</b>	<b>0.1708</b>	<b>1.0355</b>	<b>2.1085</b>	<b>4.0400e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>343.0332</b>	<b>343.0332</b>	<b>0.0138</b>	<b>0.0000</b>	<b>343.3773</b>

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**3.5 Building Construction - 2030**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2780	11.3402	2.5391	0.0355	0.9057	0.0128	0.9185	0.2617	0.0122	0.2739	0.0000	3,420.9238	3,420.9238	0.1675	0.0000	3,425.1100
Worker	1.3357	0.6581	8.8719	0.0344	4.9906	0.0238	5.0144	1.3273	0.0219	1.3492	0.0000	3,111.5619	3,111.5619	0.0468	0.0000	3,112.7318
<b>Total</b>	<b>1.6137</b>	<b>11.9983</b>	<b>11.4110</b>	<b>0.0698</b>	<b>5.8964</b>	<b>0.0366</b>	<b>5.9329</b>	<b>1.5890</b>	<b>0.0341</b>	<b>1.6231</b>	<b>0.0000</b>	<b>6,532.4857</b>	<b>6,532.4857</b>	<b>0.2143</b>	<b>0.0000</b>	<b>6,537.8418</b>

**3.5 Building Construction - 2031**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
<b>Total</b>	<b>0.1708</b>	<b>1.0355</b>	<b>2.1085</b>	<b>4.0400e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>343.0336</b>	<b>343.0336</b>	<b>0.0138</b>	<b>0.0000</b>	<b>343.3777</b>

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**3.5 Building Construction - 2031**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2714	11.2009	2.4810	0.0353	0.9057	0.0122	0.9179	0.2617	0.0116	0.2733	0.0000	3,410.4625	3,410.4625	0.1658	0.0000	3,414.6064
Worker	1.2279	0.6022	8.3061	0.0336	4.9906	0.0221	5.0127	1.3273	0.0204	1.3477	0.0000	3,037.6093	3,037.6093	0.0427	0.0000	3,038.6767
<b>Total</b>	<b>1.4993</b>	<b>11.8031</b>	<b>10.7871</b>	<b>0.0689</b>	<b>5.8963</b>	<b>0.0343</b>	<b>5.9306</b>	<b>1.5890</b>	<b>0.0320</b>	<b>1.6210</b>	<b>0.0000</b>	<b>6,448.0718</b>	<b>6,448.0718</b>	<b>0.2085</b>	<b>0.0000</b>	<b>6,453.2830</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
<b>Total</b>	<b>0.1708</b>	<b>1.0355</b>	<b>2.1085</b>	<b>4.0400e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>343.0332</b>	<b>343.0332</b>	<b>0.0138</b>	<b>0.0000</b>	<b>343.3773</b>

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**3.5 Building Construction - 2031**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2714	11.2009	2.4810	0.0353	0.9057	0.0122	0.9179	0.2617	0.0116	0.2733	0.0000	3,410.4625	3,410.4625	0.1658	0.0000	3,414.6064
Worker	1.2279	0.6022	8.3061	0.0336	4.9906	0.0221	5.0127	1.3273	0.0204	1.3477	0.0000	3,037.6093	3,037.6093	0.0427	0.0000	3,038.6767
<b>Total</b>	<b>1.4993</b>	<b>11.8031</b>	<b>10.7871</b>	<b>0.0689</b>	<b>5.8963</b>	<b>0.0343</b>	<b>5.9306</b>	<b>1.5890</b>	<b>0.0320</b>	<b>1.6210</b>	<b>0.0000</b>	<b>6,448.0718</b>	<b>6,448.0718</b>	<b>0.2085</b>	<b>0.0000</b>	<b>6,453.2830</b>

**3.5 Building Construction - 2032**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933
<b>Total</b>	<b>0.1715</b>	<b>1.0394</b>	<b>2.1166</b>	<b>4.0600e-003</b>		<b>0.0194</b>	<b>0.0194</b>		<b>0.0194</b>	<b>0.0194</b>	<b>0.0000</b>	<b>344.3479</b>	<b>344.3479</b>	<b>0.0138</b>	<b>0.0000</b>	<b>344.6933</b>

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**3.5 Building Construction - 2032**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2670	11.1140	2.4442	0.0354	0.9091	0.0117	0.9209	0.2627	0.0112	0.2739	0.0000	3,414.9530	3,414.9530	0.1649	0.0000	3,419.0754
Worker	1.1358	0.5561	7.8377	0.0330	5.0097	0.0207	5.0304	1.3324	0.0190	1.3514	0.0000	2,984.6115	2,984.6115	0.0393	0.0000	2,985.5932
<b>Total</b>	<b>1.4028</b>	<b>11.6700</b>	<b>10.2819</b>	<b>0.0683</b>	<b>5.9189</b>	<b>0.0324</b>	<b>5.9513</b>	<b>1.5951</b>	<b>0.0302</b>	<b>1.6253</b>	<b>0.0000</b>	<b>6,399.5645</b>	<b>6,399.5645</b>	<b>0.2042</b>	<b>0.0000</b>	<b>6,404.6686</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929
<b>Total</b>	<b>0.1715</b>	<b>1.0394</b>	<b>2.1166</b>	<b>4.0600e-003</b>		<b>0.0194</b>	<b>0.0194</b>		<b>0.0194</b>	<b>0.0194</b>	<b>0.0000</b>	<b>344.3475</b>	<b>344.3475</b>	<b>0.0138</b>	<b>0.0000</b>	<b>344.6929</b>

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**3.5 Building Construction - 2032**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2670	11.1140	2.4442	0.0354	0.9091	0.0117	0.9209	0.2627	0.0112	0.2739	0.0000	3,414.9530	3,414.9530	0.1649	0.0000	3,419.0754
Worker	1.1358	0.5561	7.8377	0.0330	5.0097	0.0207	5.0304	1.3324	0.0190	1.3514	0.0000	2,984.6115	2,984.6115	0.0393	0.0000	2,985.5932
<b>Total</b>	<b>1.4028</b>	<b>11.6700</b>	<b>10.2819</b>	<b>0.0683</b>	<b>5.9189</b>	<b>0.0324</b>	<b>5.9513</b>	<b>1.5951</b>	<b>0.0302</b>	<b>1.6253</b>	<b>0.0000</b>	<b>6,399.5645</b>	<b>6,399.5645</b>	<b>0.2042</b>	<b>0.0000</b>	<b>6,404.6686</b>

**3.5 Building Construction - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
<b>Total</b>	<b>0.1702</b>	<b>1.0315</b>	<b>2.1004</b>	<b>4.0200e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>341.7193</b>	<b>341.7193</b>	<b>0.0137</b>	<b>0.0000</b>	<b>342.0621</b>

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**3.5 Building Construction - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2604	10.9146	2.3866	0.0350	0.9022	0.0112	0.9134	0.2607	0.0107	0.2714	0.0000	3,381.4469	3,381.4469	0.1623	0.0000	3,385.5051
Worker	1.0488	0.5125	7.3598	0.0321	4.9715	0.0191	4.9906	1.3223	0.0176	1.3398	0.0000	2,906.5334	2,906.5334	0.0360	0.0000	2,907.4333
<b>Total</b>	<b>1.3092</b>	<b>11.4271</b>	<b>9.7464</b>	<b>0.0671</b>	<b>5.8737</b>	<b>0.0303</b>	<b>5.9040</b>	<b>1.5829</b>	<b>0.0283</b>	<b>1.6112</b>	<b>0.0000</b>	<b>6,287.9803</b>	<b>6,287.9803</b>	<b>0.1983</b>	<b>0.0000</b>	<b>6,292.9384</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
<b>Total</b>	<b>0.1702</b>	<b>1.0315</b>	<b>2.1004</b>	<b>4.0200e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>341.7189</b>	<b>341.7189</b>	<b>0.0137</b>	<b>0.0000</b>	<b>342.0617</b>



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**3.5 Building Construction - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2604	10.9146	2.3866	0.0350	0.9022	0.0112	0.9134	0.2607	0.0107	0.2714	0.0000	3,381.4469	3,381.4469	0.1623	0.0000	3,385.5051
Worker	1.0488	0.5125	7.3598	0.0321	4.9715	0.0191	4.9906	1.3223	0.0176	1.3398	0.0000	2,906.5334	2,906.5334	0.0360	0.0000	2,907.4333
<b>Total</b>	<b>1.3092</b>	<b>11.4271</b>	<b>9.7464</b>	<b>0.0671</b>	<b>5.8737</b>	<b>0.0303</b>	<b>5.9040</b>	<b>1.5829</b>	<b>0.0283</b>	<b>1.6112</b>	<b>0.0000</b>	<b>6,287.9803</b>	<b>6,287.9803</b>	<b>0.1983</b>	<b>0.0000</b>	<b>6,292.9384</b>

**3.5 Building Construction - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
<b>Total</b>	<b>0.1702</b>	<b>1.0315</b>	<b>2.1004</b>	<b>4.0200e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>341.7193</b>	<b>341.7193</b>	<b>0.0137</b>	<b>0.0000</b>	<b>342.0621</b>

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**3.5 Building Construction - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2561	10.8085	2.3511	0.0350	0.9022	0.0108	0.9130	0.2607	0.0103	0.2710	0.0000	3,375.2102	3,375.2102	0.1611	0.0000	3,379.2376
Worker	0.9799	0.4789	6.9643	0.0316	4.9715	0.0178	4.9893	1.3223	0.0164	1.3387	0.0000	2,858.7639	2,858.7639	0.0332	0.0000	2,859.5946
<b>Total</b>	<b>1.2360</b>	<b>11.2875</b>	<b>9.3154</b>	<b>0.0665</b>	<b>5.8736</b>	<b>0.0287</b>	<b>5.9023</b>	<b>1.5829</b>	<b>0.0268</b>	<b>1.6097</b>	<b>0.0000</b>	<b>6,233.9741</b>	<b>6,233.9741</b>	<b>0.1943</b>	<b>0.0000</b>	<b>6,238.8322</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
<b>Total</b>	<b>0.1702</b>	<b>1.0315</b>	<b>2.1004</b>	<b>4.0200e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>341.7189</b>	<b>341.7189</b>	<b>0.0137</b>	<b>0.0000</b>	<b>342.0617</b>

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**3.5 Building Construction - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2561	10.8085	2.3511	0.0350	0.9022	0.0108	0.9130	0.2607	0.0103	0.2710	0.0000	3,375.2102	3,375.2102	0.1611	0.0000	3,379.2376
Worker	0.9799	0.4789	6.9643	0.0316	4.9715	0.0178	4.9893	1.3223	0.0164	1.3387	0.0000	2,858.7639	2,858.7639	0.0332	0.0000	2,859.5946
<b>Total</b>	<b>1.2360</b>	<b>11.2875</b>	<b>9.3154</b>	<b>0.0665</b>	<b>5.8736</b>	<b>0.0287</b>	<b>5.9023</b>	<b>1.5829</b>	<b>0.0268</b>	<b>1.6097</b>	<b>0.0000</b>	<b>6,233.9741</b>	<b>6,233.9741</b>	<b>0.1943</b>	<b>0.0000</b>	<b>6,238.8322</b>

**3.5 Building Construction - 2035**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
<b>Total</b>	<b>0.1588</b>	<b>0.9346</b>	<b>2.1034</b>	<b>4.0400e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>343.0336</b>	<b>343.0336</b>	<b>0.0128</b>	<b>0.0000</b>	<b>343.3530</b>

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**3.5 Building Construction - 2035**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2534	10.7558	2.3303	0.0350	0.9056	0.0105	0.9161	0.2617	0.0101	0.2717	0.0000	3,383.0399	3,383.0399	0.1606	0.0000	3,387.0540
Worker	0.9237	0.4545	6.6516	0.0312	4.9906	0.0168	5.0074	1.3273	0.0154	1.3428	0.0000	2,828.9802	2,828.9802	0.0310	0.0000	2,829.7552
<b>Total</b>	<b>1.1770</b>	<b>11.2103</b>	<b>8.9819</b>	<b>0.0663</b>	<b>5.8962</b>	<b>0.0273</b>	<b>5.9235</b>	<b>1.5890</b>	<b>0.0255</b>	<b>1.6144</b>	<b>0.0000</b>	<b>6,212.0200</b>	<b>6,212.0200</b>	<b>0.1916</b>	<b>0.0000</b>	<b>6,216.8091</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
<b>Total</b>	<b>0.1588</b>	<b>0.9346</b>	<b>2.1034</b>	<b>4.0400e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>343.0332</b>	<b>343.0332</b>	<b>0.0128</b>	<b>0.0000</b>	<b>343.3526</b>

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**3.5 Building Construction - 2035**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2534	10.7558	2.3303	0.0350	0.9056	0.0105	0.9161	0.2617	0.0101	0.2717	0.0000	3,383.0399	3,383.0399	0.1606	0.0000	3,387.0540
Worker	0.9237	0.4545	6.6516	0.0312	4.9906	0.0168	5.0074	1.3273	0.0154	1.3428	0.0000	2,828.9802	2,828.9802	0.0310	0.0000	2,829.7552
<b>Total</b>	<b>1.1770</b>	<b>11.2103</b>	<b>8.9819</b>	<b>0.0663</b>	<b>5.8962</b>	<b>0.0273</b>	<b>5.9235</b>	<b>1.5890</b>	<b>0.0255</b>	<b>1.6144</b>	<b>0.0000</b>	<b>6,212.0200</b>	<b>6,212.0200</b>	<b>0.1916</b>	<b>0.0000</b>	<b>6,216.8091</b>

**3.5 Building Construction - 2036**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686
<b>Total</b>	<b>0.1594</b>	<b>0.9381</b>	<b>2.1114</b>	<b>4.0600e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>344.3479</b>	<b>344.3479</b>	<b>0.0128</b>	<b>0.0000</b>	<b>344.6686</b>

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**3.5 Building Construction - 2036**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2543	10.7970	2.3392	0.0352	0.9091	0.0106	0.9196	0.2627	0.0101	0.2727	0.0000	3,396.0017	3,396.0017	0.1612	0.0000	3,400.0312
Worker	0.9272	0.4563	6.6771	0.0314	5.0097	0.0168	5.0265	1.3324	0.0155	1.3479	0.0000	2,839.8192	2,839.8192	0.0311	0.0000	2,840.5972
<b>Total</b>	<b>1.1815</b>	<b>11.2533</b>	<b>9.0163</b>	<b>0.0665</b>	<b>5.9188</b>	<b>0.0274</b>	<b>5.9462</b>	<b>1.5951</b>	<b>0.0256</b>	<b>1.6206</b>	<b>0.0000</b>	<b>6,235.8209</b>	<b>6,235.8209</b>	<b>0.1923</b>	<b>0.0000</b>	<b>6,240.6283</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682
<b>Total</b>	<b>0.1594</b>	<b>0.9381</b>	<b>2.1114</b>	<b>4.0600e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>344.3475</b>	<b>344.3475</b>	<b>0.0128</b>	<b>0.0000</b>	<b>344.6682</b>

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**3.5 Building Construction - 2036**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2543	10.7970	2.3392	0.0352	0.9091	0.0106	0.9196	0.2627	0.0101	0.2727	0.0000	3,396.0017	3,396.0017	0.1612	0.0000	3,400.0312
Worker	0.9272	0.4563	6.6771	0.0314	5.0097	0.0168	5.0265	1.3324	0.0155	1.3479	0.0000	2,839.8192	2,839.8192	0.0311	0.0000	2,840.5972
<b>Total</b>	<b>1.1815</b>	<b>11.2533</b>	<b>9.0163</b>	<b>0.0665</b>	<b>5.9188</b>	<b>0.0274</b>	<b>5.9462</b>	<b>1.5951</b>	<b>0.0256</b>	<b>1.6206</b>	<b>0.0000</b>	<b>6,235.8209</b>	<b>6,235.8209</b>	<b>0.1923</b>	<b>0.0000</b>	<b>6,240.6283</b>

**3.5 Building Construction - 2037**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
<b>Total</b>	<b>0.1588</b>	<b>0.9346</b>	<b>2.1034</b>	<b>4.0400e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>343.0336</b>	<b>343.0336</b>	<b>0.0128</b>	<b>0.0000</b>	<b>343.3530</b>

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**3.5 Building Construction - 2037**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2534	10.7558	2.3303	0.0350	0.9056	0.0105	0.9161	0.2617	0.0101	0.2717	0.0000	3,383.0399	3,383.0399	0.1606	0.0000	3,387.0540
Worker	0.9237	0.4545	6.6516	0.0312	4.9906	0.0168	5.0074	1.3273	0.0154	1.3428	0.0000	2,828.9802	2,828.9802	0.0310	0.0000	2,829.7552
<b>Total</b>	<b>1.1770</b>	<b>11.2103</b>	<b>8.9819</b>	<b>0.0663</b>	<b>5.8962</b>	<b>0.0273</b>	<b>5.9235</b>	<b>1.5890</b>	<b>0.0255</b>	<b>1.6144</b>	<b>0.0000</b>	<b>6,212.0200</b>	<b>6,212.0200</b>	<b>0.1916</b>	<b>0.0000</b>	<b>6,216.8091</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
<b>Total</b>	<b>0.1588</b>	<b>0.9346</b>	<b>2.1034</b>	<b>4.0400e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>343.0332</b>	<b>343.0332</b>	<b>0.0128</b>	<b>0.0000</b>	<b>343.3526</b>



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**3.5 Building Construction - 2037**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2534	10.7558	2.3303	0.0350	0.9056	0.0105	0.9161	0.2617	0.0101	0.2717	0.0000	3,383.0399	3,383.0399	0.1606	0.0000	3,387.0540
Worker	0.9237	0.4545	6.6516	0.0312	4.9906	0.0168	5.0074	1.3273	0.0154	1.3428	0.0000	2,828.9802	2,828.9802	0.0310	0.0000	2,829.7552
<b>Total</b>	<b>1.1770</b>	<b>11.2103</b>	<b>8.9819</b>	<b>0.0663</b>	<b>5.8962</b>	<b>0.0273</b>	<b>5.9235</b>	<b>1.5890</b>	<b>0.0255</b>	<b>1.6144</b>	<b>0.0000</b>	<b>6,212.0200</b>	<b>6,212.0200</b>	<b>0.1916</b>	<b>0.0000</b>	<b>6,216.8091</b>

**3.5 Building Construction - 2038**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
<b>Total</b>	<b>0.1588</b>	<b>0.9346</b>	<b>2.1034</b>	<b>4.0400e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>343.0336</b>	<b>343.0336</b>	<b>0.0128</b>	<b>0.0000</b>	<b>343.3530</b>

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**3.5 Building Construction - 2038**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2534	10.7558	2.3303	0.0350	0.9056	0.0105	0.9161	0.2617	0.0101	0.2717	0.0000	3,383.0399	3,383.0399	0.1606	0.0000	3,387.0540
Worker	0.9237	0.4545	6.6516	0.0312	4.9906	0.0168	5.0074	1.3273	0.0154	1.3428	0.0000	2,828.9802	2,828.9802	0.0310	0.0000	2,829.7552
<b>Total</b>	<b>1.1770</b>	<b>11.2103</b>	<b>8.9819</b>	<b>0.0663</b>	<b>5.8962</b>	<b>0.0273</b>	<b>5.9235</b>	<b>1.5890</b>	<b>0.0255</b>	<b>1.6144</b>	<b>0.0000</b>	<b>6,212.0200</b>	<b>6,212.0200</b>	<b>0.1916</b>	<b>0.0000</b>	<b>6,216.8091</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
<b>Total</b>	<b>0.1588</b>	<b>0.9346</b>	<b>2.1034</b>	<b>4.0400e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>343.0332</b>	<b>343.0332</b>	<b>0.0128</b>	<b>0.0000</b>	<b>343.3526</b>

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**3.5 Building Construction - 2038**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2534	10.7558	2.3303	0.0350	0.9056	0.0105	0.9161	0.2617	0.0101	0.2717	0.0000	3,383.0399	3,383.0399	0.1606	0.0000	3,387.0540
Worker	0.9237	0.4545	6.6516	0.0312	4.9906	0.0168	5.0074	1.3273	0.0154	1.3428	0.0000	2,828.9802	2,828.9802	0.0310	0.0000	2,829.7552
<b>Total</b>	<b>1.1770</b>	<b>11.2103</b>	<b>8.9819</b>	<b>0.0663</b>	<b>5.8962</b>	<b>0.0273</b>	<b>5.9235</b>	<b>1.5890</b>	<b>0.0255</b>	<b>1.6144</b>	<b>0.0000</b>	<b>6,212.0200</b>	<b>6,212.0200</b>	<b>0.1916</b>	<b>0.0000</b>	<b>6,216.8091</b>

**3.5 Building Construction - 2039**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7193	341.7193	0.0127	0.0000	342.0375
<b>Total</b>	<b>0.1582</b>	<b>0.9310</b>	<b>2.0953</b>	<b>4.0200e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>341.7193</b>	<b>341.7193</b>	<b>0.0127</b>	<b>0.0000</b>	<b>342.0375</b>

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**3.5 Building Construction - 2039**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2524	10.7146	2.3213	0.0349	0.9021	0.0105	0.9126	0.2606	0.0100	0.2707	0.0000	3,370.0780	3,370.0780	0.1600	0.0000	3,374.0767
Worker	0.9202	0.4528	6.6261	0.0311	4.9715	0.0167	4.9882	1.3223	0.0154	1.3376	0.0000	2,818.1412	2,818.1412	0.0309	0.0000	2,818.9132
<b>Total</b>	<b>1.1725</b>	<b>11.1674</b>	<b>8.9475</b>	<b>0.0660</b>	<b>5.8736</b>	<b>0.0272</b>	<b>5.9008</b>	<b>1.5829</b>	<b>0.0254</b>	<b>1.6083</b>	<b>0.0000</b>	<b>6,188.2192</b>	<b>6,188.2192</b>	<b>0.1908</b>	<b>0.0000</b>	<b>6,192.9899</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7189	341.7189	0.0127	0.0000	342.0371
<b>Total</b>	<b>0.1582</b>	<b>0.9310</b>	<b>2.0953</b>	<b>4.0200e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>341.7189</b>	<b>341.7189</b>	<b>0.0127</b>	<b>0.0000</b>	<b>342.0371</b>

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**3.5 Building Construction - 2039**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2524	10.7146	2.3213	0.0349	0.9021	0.0105	0.9126	0.2606	0.0100	0.2707	0.0000	3,370.0780	3,370.0780	0.1600	0.0000	3,374.0767
Worker	0.9202	0.4528	6.6261	0.0311	4.9715	0.0167	4.9882	1.3223	0.0154	1.3376	0.0000	2,818.1412	2,818.1412	0.0309	0.0000	2,818.9132
<b>Total</b>	<b>1.1725</b>	<b>11.1674</b>	<b>8.9475</b>	<b>0.0660</b>	<b>5.8736</b>	<b>0.0272</b>	<b>5.9008</b>	<b>1.5829</b>	<b>0.0254</b>	<b>1.6083</b>	<b>0.0000</b>	<b>6,188.2192</b>	<b>6,188.2192</b>	<b>0.1908</b>	<b>0.0000</b>	<b>6,192.9899</b>

**3.5 Building Construction - 2040**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
<b>Total</b>	<b>0.1562</b>	<b>0.8992</b>	<b>2.1035</b>	<b>4.0400e-003</b>		<b>9.6200e-003</b>	<b>9.6200e-003</b>		<b>9.6200e-003</b>	<b>9.6200e-003</b>	<b>0.0000</b>	<b>343.0337</b>	<b>343.0337</b>	<b>0.0123</b>	<b>0.0000</b>	<b>343.3419</b>

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**3.5 Building Construction - 2040**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2420	10.4433	2.2410	0.0349	0.9055	9.7000e-003	0.9152	0.2616	9.2800e-003	0.2709	0.0000	3,373.5155	3,373.5155	0.1561	0.0000	3,377.4173
Worker	0.7035	0.3710	5.5974	0.0299	4.9906	0.0128	5.0034	1.3273	0.0118	1.3392	0.0000	2,705.4018	2,705.4018	0.0238	0.0000	2,705.9963
<b>Total</b>	<b>0.9456</b>	<b>10.8143</b>	<b>7.8384</b>	<b>0.0648</b>	<b>5.8961</b>	<b>0.0225</b>	<b>5.9187</b>	<b>1.5890</b>	<b>0.0211</b>	<b>1.6100</b>	<b>0.0000</b>	<b>6,078.9173</b>	<b>6,078.9173</b>	<b>0.1799</b>	<b>0.0000</b>	<b>6,083.4136</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
<b>Total</b>	<b>0.1562</b>	<b>0.8992</b>	<b>2.1035</b>	<b>4.0400e-003</b>		<b>9.6200e-003</b>	<b>9.6200e-003</b>		<b>9.6200e-003</b>	<b>9.6200e-003</b>	<b>0.0000</b>	<b>343.0333</b>	<b>343.0333</b>	<b>0.0123</b>	<b>0.0000</b>	<b>343.3415</b>

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**3.5 Building Construction - 2040**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2420	10.4433	2.2410	0.0349	0.9055	9.7000e-003	0.9152	0.2616	9.2800e-003	0.2709	0.0000	3,373.5155	3,373.5155	0.1561	0.0000	3,377.4173
Worker	0.7035	0.3710	5.5974	0.0299	4.9906	0.0128	5.0034	1.3273	0.0118	1.3392	0.0000	2,705.4018	2,705.4018	0.0238	0.0000	2,705.9963
<b>Total</b>	<b>0.9456</b>	<b>10.8143</b>	<b>7.8384</b>	<b>0.0648</b>	<b>5.8961</b>	<b>0.0225</b>	<b>5.9187</b>	<b>1.5890</b>	<b>0.0211</b>	<b>1.6100</b>	<b>0.0000</b>	<b>6,078.9173</b>	<b>6,078.9173</b>	<b>0.1799</b>	<b>0.0000</b>	<b>6,083.4136</b>

**3.5 Building Construction - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0694	0.3996	0.9349	1.8000e-003		4.2800e-003	4.2800e-003		4.2800e-003	4.2800e-003	0.0000	152.4594	152.4594	5.4800e-003	0.0000	152.5964
<b>Total</b>	<b>0.0694</b>	<b>0.3996</b>	<b>0.9349</b>	<b>1.8000e-003</b>		<b>4.2800e-003</b>	<b>4.2800e-003</b>		<b>4.2800e-003</b>	<b>4.2800e-003</b>	<b>0.0000</b>	<b>152.4594</b>	<b>152.4594</b>	<b>5.4800e-003</b>	<b>0.0000</b>	<b>152.5964</b>

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**3.5 Building Construction - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1076	4.6415	0.9960	0.0155	0.4025	4.3100e-003	0.4068	0.1163	4.1200e-003	0.1204	0.0000	1,499.3402	1,499.3402	0.0694	0.0000	1,501.0744
Worker	0.3127	0.1649	2.4877	0.0133	2.2181	5.7100e-003	2.2238	0.5899	5.2500e-003	0.5952	0.0000	1,202.4008	1,202.4008	0.0106	0.0000	1,202.6650
<b>Total</b>	<b>0.4203</b>	<b>4.8063</b>	<b>3.4837</b>	<b>0.0288</b>	<b>2.6205</b>	<b>0.0100</b>	<b>2.6305</b>	<b>0.7062</b>	<b>9.3700e-003</b>	<b>0.7156</b>	<b>0.0000</b>	<b>2,701.7410</b>	<b>2,701.7410</b>	<b>0.0799</b>	<b>0.0000</b>	<b>2,703.7394</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0694	0.3996	0.9349	1.8000e-003		4.2800e-003	4.2800e-003		4.2800e-003	4.2800e-003	0.0000	152.4592	152.4592	5.4800e-003	0.0000	152.5962
<b>Total</b>	<b>0.0694</b>	<b>0.3996</b>	<b>0.9349</b>	<b>1.8000e-003</b>		<b>4.2800e-003</b>	<b>4.2800e-003</b>		<b>4.2800e-003</b>	<b>4.2800e-003</b>	<b>0.0000</b>	<b>152.4592</b>	<b>152.4592</b>	<b>5.4800e-003</b>	<b>0.0000</b>	<b>152.5962</b>



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**3.5 Building Construction - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1076	4.6415	0.9960	0.0155	0.4025	4.3100e-003	0.4068	0.1163	4.1200e-003	0.1204	0.0000	1,499.3402	1,499.3402	0.0694	0.0000	1,501.0744
Worker	0.3127	0.1649	2.4877	0.0133	2.2181	5.7100e-003	2.2238	0.5899	5.2500e-003	0.5952	0.0000	1,202.4008	1,202.4008	0.0106	0.0000	1,202.6650
<b>Total</b>	<b>0.4203</b>	<b>4.8063</b>	<b>3.4837</b>	<b>0.0288</b>	<b>2.6205</b>	<b>0.0100</b>	<b>2.6305</b>	<b>0.7062</b>	<b>9.3700e-003</b>	<b>0.7156</b>	<b>0.0000</b>	<b>2,701.7410</b>	<b>2,701.7410</b>	<b>0.0799</b>	<b>0.0000</b>	<b>2,703.7394</b>

**3.6 Paving - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0733	0.2651	1.1468	2.0300e-003		8.4400e-003	8.4400e-003		8.4400e-003	8.4400e-003	0.0000	174.7215	174.7215	5.8700e-003	0.0000	174.8683
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0733</b>	<b>0.2651</b>	<b>1.1468</b>	<b>2.0300e-003</b>		<b>8.4400e-003</b>	<b>8.4400e-003</b>		<b>8.4400e-003</b>	<b>8.4400e-003</b>	<b>0.0000</b>	<b>174.7215</b>	<b>174.7215</b>	<b>5.8700e-003</b>	<b>0.0000</b>	<b>174.8683</b>

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**3.6 Paving - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1300e-003	5.9000e-004	8.9600e-003	5.0000e-005	7.9900e-003	2.0000e-005	8.0100e-003	2.1200e-003	2.0000e-005	2.1400e-003	0.0000	4.3298	4.3298	4.0000e-005	0.0000	4.3307
<b>Total</b>	<b>1.1300e-003</b>	<b>5.9000e-004</b>	<b>8.9600e-003</b>	<b>5.0000e-005</b>	<b>7.9900e-003</b>	<b>2.0000e-005</b>	<b>8.0100e-003</b>	<b>2.1200e-003</b>	<b>2.0000e-005</b>	<b>2.1400e-003</b>	<b>0.0000</b>	<b>4.3298</b>	<b>4.3298</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>4.3307</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0733	0.2651	1.1468	2.0300e-003		8.4400e-003	8.4400e-003		8.4400e-003	8.4400e-003	0.0000	174.7213	174.7213	5.8700e-003	0.0000	174.8681
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0733</b>	<b>0.2651</b>	<b>1.1468</b>	<b>2.0300e-003</b>		<b>8.4400e-003</b>	<b>8.4400e-003</b>		<b>8.4400e-003</b>	<b>8.4400e-003</b>	<b>0.0000</b>	<b>174.7213</b>	<b>174.7213</b>	<b>5.8700e-003</b>	<b>0.0000</b>	<b>174.8681</b>

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**3.6 Paving - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1300e-003	5.9000e-004	8.9600e-003	5.0000e-005	7.9900e-003	2.0000e-005	8.0100e-003	2.1200e-003	2.0000e-005	2.1400e-003	0.0000	4.3298	4.3298	4.0000e-005	0.0000	4.3307
<b>Total</b>	<b>1.1300e-003</b>	<b>5.9000e-004</b>	<b>8.9600e-003</b>	<b>5.0000e-005</b>	<b>7.9900e-003</b>	<b>2.0000e-005</b>	<b>8.0100e-003</b>	<b>2.1200e-003</b>	<b>2.0000e-005</b>	<b>2.1400e-003</b>	<b>0.0000</b>	<b>4.3298</b>	<b>4.3298</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>4.3307</b>

**3.6 Paving - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0935	0.3382	1.4631	2.5900e-003		0.0108	0.0108		0.0108	0.0108	0.0000	222.9205	222.9205	7.4900e-003	0.0000	223.1078
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0935</b>	<b>0.3382</b>	<b>1.4631</b>	<b>2.5900e-003</b>		<b>0.0108</b>	<b>0.0108</b>		<b>0.0108</b>	<b>0.0108</b>	<b>0.0000</b>	<b>222.9205</b>	<b>222.9205</b>	<b>7.4900e-003</b>	<b>0.0000</b>	<b>223.1078</b>

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**3.6 Paving - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4400e-003	7.6000e-004	0.0114	6.0000e-005	0.0102	3.0000e-005	0.0102	2.7100e-003	2.0000e-005	2.7300e-003	0.0000	5.5242	5.5242	5.0000e-005	0.0000	5.5254
<b>Total</b>	<b>1.4400e-003</b>	<b>7.6000e-004</b>	<b>0.0114</b>	<b>6.0000e-005</b>	<b>0.0102</b>	<b>3.0000e-005</b>	<b>0.0102</b>	<b>2.7100e-003</b>	<b>2.0000e-005</b>	<b>2.7300e-003</b>	<b>0.0000</b>	<b>5.5242</b>	<b>5.5242</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>5.5254</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0935	0.3382	1.4631	2.5900e-003		0.0108	0.0108		0.0108	0.0108	0.0000	222.9203	222.9203	7.4900e-003	0.0000	223.1076
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0935</b>	<b>0.3382</b>	<b>1.4631</b>	<b>2.5900e-003</b>		<b>0.0108</b>	<b>0.0108</b>		<b>0.0108</b>	<b>0.0108</b>	<b>0.0000</b>	<b>222.9203</b>	<b>222.9203</b>	<b>7.4900e-003</b>	<b>0.0000</b>	<b>223.1076</b>

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**3.6 Paving - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4400e-003	7.6000e-004	0.0114	6.0000e-005	0.0102	3.0000e-005	0.0102	2.7100e-003	2.0000e-005	2.7300e-003	0.0000	5.5242	5.5242	5.0000e-005	0.0000	5.5254
<b>Total</b>	<b>1.4400e-003</b>	<b>7.6000e-004</b>	<b>0.0114</b>	<b>6.0000e-005</b>	<b>0.0102</b>	<b>3.0000e-005</b>	<b>0.0102</b>	<b>2.7100e-003</b>	<b>2.0000e-005</b>	<b>2.7300e-003</b>	<b>0.0000</b>	<b>5.5242</b>	<b>5.5242</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>5.5254</b>

**3.7 Architectural Coating - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	7.6929					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3700e-003	0.0276	0.0681	1.1000e-004		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	9.7024	9.7024	3.4000e-004	0.0000	9.7109
<b>Total</b>	<b>7.6972</b>	<b>0.0276</b>	<b>0.0681</b>	<b>1.1000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>9.7024</b>	<b>9.7024</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>9.7109</b>

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**3.7 Architectural Coating - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0410	0.0216	0.3259	1.7400e-003	0.2905	7.5000e-004	0.2913	0.0773	6.9000e-004	0.0780	0.0000	157.4955	157.4955	1.3800e-003	0.0000	157.5301
<b>Total</b>	<b>0.0410</b>	<b>0.0216</b>	<b>0.3259</b>	<b>1.7400e-003</b>	<b>0.2905</b>	<b>7.5000e-004</b>	<b>0.2913</b>	<b>0.0773</b>	<b>6.9000e-004</b>	<b>0.0780</b>	<b>0.0000</b>	<b>157.4955</b>	<b>157.4955</b>	<b>1.3800e-003</b>	<b>0.0000</b>	<b>157.5301</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	7.6929					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3700e-003	0.0276	0.0681	1.1000e-004		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	9.7024	9.7024	3.4000e-004	0.0000	9.7109
<b>Total</b>	<b>7.6972</b>	<b>0.0276</b>	<b>0.0681</b>	<b>1.1000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>9.7024</b>	<b>9.7024</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>9.7109</b>

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**3.7 Architectural Coating - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0410	0.0216	0.3259	1.7400e-003	0.2905	7.5000e-004	0.2913	0.0773	6.9000e-004	0.0780	0.0000	157.4955	157.4955	1.3800e-003	0.0000	157.5301
<b>Total</b>	<b>0.0410</b>	<b>0.0216</b>	<b>0.3259</b>	<b>1.7400e-003</b>	<b>0.2905</b>	<b>7.5000e-004</b>	<b>0.2913</b>	<b>0.0773</b>	<b>6.9000e-004</b>	<b>0.0780</b>	<b>0.0000</b>	<b>157.4955</b>	<b>157.4955</b>	<b>1.3800e-003</b>	<b>0.0000</b>	<b>157.5301</b>

**3.7 Architectural Coating - 2043**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	25.7103					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0146	0.0923	0.2276	3.8000e-004		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004	0.0000	32.4263	32.4263	1.1400e-003	0.0000	32.4549
<b>Total</b>	<b>25.7249</b>	<b>0.0923</b>	<b>0.2276</b>	<b>3.8000e-004</b>		<b>9.4000e-004</b>	<b>9.4000e-004</b>		<b>9.4000e-004</b>	<b>9.4000e-004</b>	<b>0.0000</b>	<b>32.4263</b>	<b>32.4263</b>	<b>1.1400e-003</b>	<b>0.0000</b>	<b>32.4549</b>

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**3.7 Architectural Coating - 2043**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1369	0.0722	1.0890	5.8100e-003	0.9710	2.5000e-003	0.9735	0.2583	2.3000e-003	0.2606	0.0000	526.3664	526.3664	4.6300e-003	0.0000	526.4820
<b>Total</b>	<b>0.1369</b>	<b>0.0722</b>	<b>1.0890</b>	<b>5.8100e-003</b>	<b>0.9710</b>	<b>2.5000e-003</b>	<b>0.9735</b>	<b>0.2583</b>	<b>2.3000e-003</b>	<b>0.2606</b>	<b>0.0000</b>	<b>526.3664</b>	<b>526.3664</b>	<b>4.6300e-003</b>	<b>0.0000</b>	<b>526.4820</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	25.7103					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0146	0.0923	0.2276	3.8000e-004		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004	0.0000	32.4263	32.4263	1.1400e-003	0.0000	32.4548
<b>Total</b>	<b>25.7249</b>	<b>0.0923</b>	<b>0.2276</b>	<b>3.8000e-004</b>		<b>9.4000e-004</b>	<b>9.4000e-004</b>		<b>9.4000e-004</b>	<b>9.4000e-004</b>	<b>0.0000</b>	<b>32.4263</b>	<b>32.4263</b>	<b>1.1400e-003</b>	<b>0.0000</b>	<b>32.4548</b>



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**3.7 Architectural Coating - 2043**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1369	0.0722	1.0890	5.8100e-003	0.9710	2.5000e-003	0.9735	0.2583	2.3000e-003	0.2606	0.0000	526.3664	526.3664	4.6300e-003	0.0000	526.4820
<b>Total</b>	<b>0.1369</b>	<b>0.0722</b>	<b>1.0890</b>	<b>5.8100e-003</b>	<b>0.9710</b>	<b>2.5000e-003</b>	<b>0.9735</b>	<b>0.2583</b>	<b>2.3000e-003</b>	<b>0.2606</b>	<b>0.0000</b>	<b>526.3664</b>	<b>526.3664</b>	<b>4.6300e-003</b>	<b>0.0000</b>	<b>526.4820</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Integrate Below Market Rate Housing

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	5.6491	29.6410	53.7260	0.2351	26.4229	0.1259	26.5489	7.0746	0.1170	7.1915	0.0000	21,783.73 69	21,783.73 69	0.8793	0.0000	21,805.72 00
Unmitigated	5.6692	29.7395	54.1924	0.2377	26.7438	0.1271	26.8710	7.1605	0.1181	7.2786	0.0000	22,018.63 11	22,018.63 1	0.8863	0.0000	22,040.78 80

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	10,972.35	11,921.40	10106.55	13,501,464	13,339,447
Apartments Mid Rise	20,515.25	19,713.15	18078.10	34,799,150	34,381,560
City Park	150.26	1,808.63	1330.83	1,025,459	1,013,153
Condo/Townhouse	871.50	850.50	726.00	2,175,327	2,149,223
Elementary School	1,535.29	0.00	0.00	2,306,054	2,278,381
General Light Industry	1,290.84	244.46	125.94	2,696,455	2,664,098
Racquet Club	883.89	1,345.05	1096.20	1,294,152	1,278,622
Regional Shopping Center	10,419.65	12,193.68	6159.06	14,063,079	13,894,322
<b>Total</b>	<b>46,639.03</b>	<b>48,076.87</b>	<b>37,622.68</b>	<b>71,861,140</b>	<b>70,998,807</b>

4.3 Trip Type Information

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Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	1.10	5.00	6.50	46.50	12.50	41.00	86	11	3
Apartments Mid Rise	4.47	5.00	6.50	46.50	12.50	41.00	86	11	3
City Park	10.00	5.00	6.50	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Elementary School	10.00	5.00	6.50	65.00	30.00	5.00	63	25	12
General Light Industry	10.00	5.00	6.50	59.00	28.00	13.00	92	5	3
Racquet Club	10.00	5.00	6.50	11.50	69.50	19.00	52	39	9
Regional Shopping Center	10.00	5.00	6.50	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Apartments Mid Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
City Park	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Condo/Townhouse	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Elementary School	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
General Light Industry	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Racquet Club	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Regional Shopping Center	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated							0.0000	0.0000		0.0000	0.0000	1,817.3299	1,817.3299	0.3664	0.0758	1,849.0779
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	1,817.3299	1,817.3299	0.3664	0.0758	1,849.0779
NaturalGas Mitigated	0.3225	2.7905	1.4258	0.0176			0.2228	0.2228		0.2228	0.2228	3,191.7732	3,191.7732	0.0612	0.0585	3,210.7403
NaturalGas Unmitigated	0.3225	2.7905	1.4258	0.0176			0.2228	0.2228		0.2228	0.2228	3,191.7732	3,191.7732	0.0612	0.0585	3,210.7403

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**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.81072e+007	0.0976	0.8344	0.3550	5.3300e-003		0.0675	0.0675		0.0675	0.0675	0.0000	966.2693	966.2693	0.0185	0.0177	972.0113
Apartments Mid Rise	2.7241e+007	0.1469	1.2552	0.5341	8.0100e-003		0.1015	0.1015		0.1015	0.1015	0.0000	1,453.6853	1,453.6853	0.0279	0.0267	1,462.3239
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	2.73433e+006	0.0147	0.1260	0.0536	8.0000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	145.9145	145.9145	2.8000e-003	2.6800e-003	146.7816
Elementary School	1.51837e+006	8.1900e-003	0.0744	0.0625	4.5000e-004		5.6600e-003	5.6600e-003		5.6600e-003	5.6600e-003	0.0000	81.0260	81.0260	1.5500e-003	1.4900e-003	81.5075
General Light Industry	6.63201e+006	0.0358	0.3251	0.2731	1.9500e-003		0.0247	0.0247		0.0247	0.0247	0.0000	353.9094	353.9094	6.7800e-003	6.4900e-003	356.0125
Racquet Club	2.25603e+006	0.0122	0.1106	0.0929	6.6000e-004		8.4000e-003	8.4000e-003		8.4000e-003	8.4000e-003	0.0000	120.3904	120.3904	2.3100e-003	2.2100e-003	121.1058
Regional Shopping Center	1.32259e+006	7.1300e-003	0.0648	0.0545	3.9000e-004		4.9300e-003	4.9300e-003		4.9300e-003	4.9300e-003	0.0000	70.5784	70.5784	1.3500e-003	1.2900e-003	70.9978
<b>Total</b>		<b>0.3225</b>	<b>2.7905</b>	<b>1.4258</b>	<b>0.0176</b>		<b>0.2228</b>	<b>0.2228</b>		<b>0.2228</b>	<b>0.2228</b>	<b>0.0000</b>	<b>3,191.7732</b>	<b>3,191.7732</b>	<b>0.0612</b>	<b>0.0585</b>	<b>3,210.7403</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.81072e+007	0.0976	0.8344	0.3550	5.3300e-003		0.0675	0.0675		0.0675	0.0675	0.0000	966.2693	966.2693	0.0185	0.0177	972.0113
Apartments Mid Rise	2.7241e+007	0.1469	1.2552	0.5341	8.0100e-003		0.1015	0.1015		0.1015	0.1015	0.0000	1,453.6853	1,453.6853	0.0279	0.0267	1,462.3239
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	2.73433e+006	0.0147	0.1260	0.0536	8.0000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	145.9145	145.9145	2.8000e-003	2.6800e-003	146.7816
Elementary School	1.51837e+006	8.1900e-003	0.0744	0.0625	4.5000e-004		5.6600e-003	5.6600e-003		5.6600e-003	5.6600e-003	0.0000	81.0260	81.0260	1.5500e-003	1.4900e-003	81.5075
General Light Industry	6.63201e+006	0.0358	0.3251	0.2731	1.9500e-003		0.0247	0.0247		0.0247	0.0247	0.0000	353.9094	353.9094	6.7800e-003	6.4900e-003	356.0125
Racquet Club	2.25603e+006	0.0122	0.1106	0.0929	6.6000e-004		8.4000e-003	8.4000e-003		8.4000e-003	8.4000e-003	0.0000	120.3904	120.3904	2.3100e-003	2.2100e-003	121.1058
Regional Shopping Center	1.32259e+006	7.1300e-003	0.0648	0.0545	3.9000e-004		4.9300e-003	4.9300e-003		4.9300e-003	4.9300e-003	0.0000	70.5784	70.5784	1.3500e-003	1.2900e-003	70.9978
<b>Total</b>		<b>0.3225</b>	<b>2.7905</b>	<b>1.4258</b>	<b>0.0176</b>		<b>0.2228</b>	<b>0.2228</b>		<b>0.2228</b>	<b>0.2228</b>	<b>0.0000</b>	<b>3,191.7732</b>	<b>3,191.7732</b>	<b>0.0612</b>	<b>0.0585</b>	<b>3,210.7403</b>

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**5.3 Energy by Land Use - Electricity****Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	7.03188e+006	458.8248	0.0925	0.0191	466.8403
Apartments Mid Rise	1.30317e+007	850.3060	0.1714	0.0355	865.1605
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	772652	50.4149	0.0102	2.1000e-003	51.2957
Elementary School	728340	47.5237	9.5800e-003	1.9800e-003	48.3539
General Light Industry	2.81134e+006	183.4376	0.0370	7.6500e-003	186.6422
Racquet Club	892080	58.2076	0.0117	2.4300e-003	59.2244
Regional Shopping Center	2.58417e+006	168.6153	0.0340	7.0300e-003	171.5609
<b>Total</b>		<b>1,817.3299</b>	<b>0.3664</b>	<b>0.0758</b>	<b>1,849.0779</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**5.3 Energy by Land Use - Electricity**

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	7.03188e+006	458.8248	0.0925	0.0191	466.8403
Apartments Mid Rise	1.30317e+007	850.3060	0.1714	0.0355	865.1605
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	772652	50.4149	0.0102	2.1000e-003	51.2957
Elementary School	728340	47.5237	9.5800e-003	1.9800e-003	48.3539
General Light Industry	2.81134e+006	183.4376	0.0370	7.6500e-003	186.6422
Racquet Club	892080	58.2076	0.0117	2.4300e-003	59.2244
Regional Shopping Center	2.58417e+006	168.6153	0.0340	7.0300e-003	171.5609
<b>Total</b>		<b>1,817.3299</b>	<b>0.3664</b>	<b>0.0758</b>	<b>1,849.0779</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	26.3271	0.5810	50.3629	2.6700e-003		0.2803	0.2803		0.2803	0.2803	0.0000	82.5598	82.5598	0.0786	0.0000	84.5253
Unmitigated	26.3271	0.5810	50.3629	2.6700e-003		0.2803	0.2803		0.2803	0.2803	0.0000	82.5598	82.5598	0.0786	0.0000	84.5253

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.3403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	21.4805					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5064	0.5810	50.3629	2.6700e-003		0.2803	0.2803		0.2803	0.2803	0.0000	82.5598	82.5598	0.0786	0.0000	84.5253
<b>Total</b>	<b>26.3271</b>	<b>0.5810</b>	<b>50.3629</b>	<b>2.6700e-003</b>		<b>0.2803</b>	<b>0.2803</b>		<b>0.2803</b>	<b>0.2803</b>	<b>0.0000</b>	<b>82.5598</b>	<b>82.5598</b>	<b>0.0786</b>	<b>0.0000</b>	<b>84.5253</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.3403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	21.4805					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5064	0.5810	50.3629	2.6700e-003		0.2803	0.2803		0.2803	0.2803	0.0000	82.5598	82.5598	0.0786	0.0000	84.5253
<b>Total</b>	<b>26.3271</b>	<b>0.5810</b>	<b>50.3629</b>	<b>2.6700e-003</b>		<b>0.2803</b>	<b>0.2803</b>		<b>0.2803</b>	<b>0.2803</b>	<b>0.0000</b>	<b>82.5598</b>	<b>82.5598</b>	<b>0.0786</b>	<b>0.0000</b>	<b>84.5253</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	334.9243	0.5109	0.3058	438.8385
Unmitigated	334.9243	0.5109	0.3058	438.8385

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**7.2 Water by Land Use****Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	108.481 / 68.3905	89.2679	0.1424	0.0856	118.3323
Apartments Mid Rise	201 / 126.717	165.4003	0.2638	0.1586	219.2524
City Park	0 / 94.7228	21.6321	4.3600e-003	9.0000e-004	22.0100
Condo/Townhouse	9.7731 / 6.1613	8.0422	0.0128	7.7100e-003	10.6606
Elementary School	2.88519 / 7.41907	3.6531	4.0400e-003	2.3300e-003	4.4485
General Light Industry	42.8275 / 0	29.0761	0.0550	0.0335	40.4428
Racquet Club	3.72602 / 2.28369	3.0512	4.8900e-003	2.9400e-003	4.0492
Regional Shopping Center	18.0752 / 11.0783	14.8015	0.0237	0.0143	19.6429
<b>Total</b>		<b>334.9243</b>	<b>0.5109</b>	<b>0.3058</b>	<b>438.8385</b>

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**7.2 Water by Land Use****Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	108.481 / 68.3905	89.2679	0.1424	0.0856	118.3323
Apartments Mid Rise	201 / 126.717	165.4003	0.2638	0.1586	219.2524
City Park	0 / 94.7228	21.6321	4.3600e-003	9.0000e-004	22.0100
Condo/Townhouse	9.7731 / 6.1613	8.0422	0.0128	7.7100e-003	10.6606
Elementary School	2.88519 / 7.41907	3.6531	4.0400e-003	2.3300e-003	4.4485
General Light Industry	42.8275 / 0	29.0761	0.0550	0.0335	40.4428
Racquet Club	3.72602 / 2.28369	3.0512	4.8900e-003	2.9400e-003	4.0492
Regional Shopping Center	18.0752 / 11.0783	14.8015	0.0237	0.0143	19.6429
<b>Total</b>		<b>334.9243</b>	<b>0.5109</b>	<b>0.3058</b>	<b>438.8385</b>

**8.0 Waste Detail****8.1 Mitigation Measures Waste**

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	656.7082	38.8104	0.0000	1,626.9669
Unmitigated	656.7082	38.8104	0.0000	1,626.9669

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**8.2 Waste by Land Use****Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	765.9	155.4708	9.1881	0.0000	385.1723
Apartments Mid Rise	1419.1	288.0645	17.0241	0.0000	713.6675
City Park	6.84	1.3885	0.0821	0.0000	3.4399
Condo/Townhouse	69	14.0064	0.8278	0.0000	34.7002
Elementary School	129.35	26.2569	1.5517	0.0000	65.0503
General Light Industry	229.65	46.6169	2.7550	0.0000	115.4913
Racquet Club	359.1	72.8941	4.3079	0.0000	180.5919
Regional Shopping Center	256.22	52.0103	3.0737	0.0000	128.8534
<b>Total</b>		<b>656.7082</b>	<b>38.8104</b>	<b>0.0000</b>	<b>1,626.9669</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**8.2 Waste by Land Use**

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	765.9	155.4708	9.1881	0.0000	385.1723
Apartments Mid Rise	1419.1	288.0645	17.0241	0.0000	713.6675
City Park	6.84	1.3885	0.0821	0.0000	3.4399
Condo/Townhouse	69	14.0064	0.8278	0.0000	34.7002
Elementary School	129.35	26.2569	1.5517	0.0000	65.0503
General Light Industry	229.65	46.6169	2.7550	0.0000	115.4913
Racquet Club	359.1	72.8941	4.3079	0.0000	180.5919
Regional Shopping Center	256.22	52.0103	3.0737	0.0000	128.8534
<b>Total</b>		<b>656.7082</b>	<b>38.8104</b>	<b>0.0000</b>	<b>1,626.9669</b>

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

**Fire Pumps and Emergency Generators**



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**West Broadway Future\_VMT Adj\_incl Project Features**  
**Sacramento County, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	99.50	1000sqft	2.28	99,500.00	0
General Light Industry	185.20	1000sqft	4.25	185,200.00	0
City Park	79.50	Acre	79.50	3,463,020.00	0
Racquet Club	63.00	1000sqft	1.45	63,000.00	0
Apartments Low Rise	1,665.00	Dwelling Unit	104.06	1,665,000.00	4446
Apartments Mid Rise	3,085.00	Dwelling Unit	81.18	3,085,000.00	8237
Condo/Townhouse	150.00	Dwelling Unit	9.38	150,000.00	401
Regional Shopping Center	244.02	1000sqft	5.60	244,020.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.5	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	6			<b>Operational Year</b>	2035
<b>Utility Company</b>	Sacramento Municipal Utility District				
<b>CO2 Intensity (lb/MW hr)</b>	143.85	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Mobile Land Use Mitigation -  
 Area Mitigation -

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Table Name	Column Name	Default Value	New Value
tblEnergyUse	T24E	511.12	240.23
tblEnergyUse	T24E	460.92	428.66
tblEnergyUse	T24E	381.61	354.90
tblEnergyUse	T24E	3.41	2.39
tblEnergyUse	T24E	3.26	2.28
tblProjectCharacteristics	CO2IntensityFactor	590.31	143.85
tblVehicleTrips	HW_TL	10.00	1.10
tblVehicleTrips	HW_TL	10.00	4.47

**2.0 Emissions Summary**

**2.1 Overall Construction (Maximum Daily Emission)**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.3988	34.2446	22.4075	0.0426	0.9636	1.6631	2.6267	0.1669	1.5461	1.7129	0.0000	4,141.9974	4,141.9974	1.0784	0.0000	4,168.9575
2021	4.2650	46.4505	31.3888	0.0634	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,141.6763	6,141.6763	1.9464	0.0000	6,190.3360
2022	3.6939	38.8890	29.5095	0.0634	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,141.2229	6,141.2229	1.9474	0.0000	6,189.9086
2023	21.2742	122.2499	156.5951	0.6310	46.7565	1.4255	47.8573	12.5632	1.3114	13.5963	0.0000	64,525.5978	64,525.5978	2.9565	0.0000	64,599.5095
2024	20.0534	118.4241	146.2173	0.6165	46.7558	1.0010	47.7567	12.5630	0.9388	13.5018	0.0000	63,092.9038	63,092.9038	2.8589	0.0000	63,164.3759
2025	18.9753	114.7957	136.9677	0.6022	46.7551	0.9030	47.6582	12.5628	0.8466	13.4094	0.0000	61,679.2142	61,679.2142	2.7727	0.0000	61,748.5316

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2026	18.1198	112.3588	129.0718	0.5894	46.7546	0.8883	47.6429	12.5625	0.8328	13.3953	0.0000	60,409.35 73	60,409.35 73	2.7003	0.0000	60,476.86 54
2027	17.2885	110.1343	121.9846	0.5778	46.7541	0.8704	47.6244	12.5624	0.8160	13.3783	0.0000	59,265.10 27	59,265.10 27	2.6338	0.0000	59,330.94 79
2028	16.4300	108.2198	115.7830	0.5677	46.7537	0.8498	47.6034	12.5622	0.7968	13.3590	0.0000	58,254.65 49	58,254.65 49	2.5739	0.0000	58,319.00 35
2029	15.5034	106.4094	109.9209	0.5586	46.7533	0.8297	47.5830	12.5621	0.7781	13.3401	0.0000	57,355.83 66	57,355.83 66	2.5161	0.0000	57,418.73 98
2030	14.5529	100.1977	104.7741	0.5546	46.7529	0.4311	47.1840	12.5619	0.4121	12.9740	0.0000	56,903.28 79	56,903.28 79	1.9775	0.0000	56,952.72 56
2031	13.6167	98.6582	99.8647	0.5476	46.7527	0.4133	47.1659	12.5618	0.3955	12.9573	0.0000	56,209.41 79	56,209.41 79	1.9283	0.0000	56,257.62 45
2032	12.7840	97.2618	95.5831	0.5415	46.7524	0.3974	47.1498	12.5617	0.3807	12.9425	0.0000	55,609.69 88	55,609.69 88	1.8852	0.0000	55,656.82 98
2033	12.1054	96.0494	91.9741	0.5363	46.7522	0.3834	47.1356	12.5617	0.3677	12.9294	0.0000	55,091.60 51	55,091.60 51	1.8487	0.0000	55,137.82 36
2034	11.5095	94.9507	88.5700	0.5318	46.7520	0.3701	47.1222	12.5616	0.3554	12.9170	0.0000	54,645.28 55	54,645.28 55	1.8146	0.0000	54,690.65 06
2035	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2036	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2037	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2038	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2039	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2040	9.0029	89.8678	76.5969	0.5169	46.7513	0.2473	46.9986	12.5613	0.2361	12.7974	0.0000	53,170.73 78	53,170.73 78	1.6720	0.0000	53,212.53 66
2041	9.0029	89.8678	76.5969	0.5169	46.7513	0.2473	46.9986	12.5613	0.2361	12.7974	0.0000	53,170.73 78	53,170.73 78	1.6720	0.0000	53,212.53 66
2042	203.7352	3.6657	15.9387	0.0474	7.9189	0.1167	7.9460	2.1006	0.1167	2.1261	0.0000	4,718.869 6	4,718.869 6	0.0898	0.0000	4,720.079 8
2043	203.7352	1.3616	10.1907	0.0474	7.9189	0.0271	7.9460	2.1006	0.0255	2.1261	0.0000	4,718.869 6	4,718.869 6	0.0484	0.0000	4,720.079 8

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Maximum	203.7352	122.2499	156.5951	0.6310	46.7565	2.0454	47.8573	12.5632	1.8818	13.5963	0.0000	64,525.59 78	64,525.59 78	2.9565	0.0000	64,599.50 95
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2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.3988	34.2446	22.4075	0.0426	0.9636	1.6631	2.6267	0.1669	1.5461	1.7129	0.0000	4,141.997 4	4,141.997 4	1.0784	0.0000	4,168.957 5
2021	4.2650	46.4505	31.3888	0.0634	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,141.676 3	6,141.676 3	1.9464	0.0000	6,190.336 0
2022	3.6939	38.8890	29.5095	0.0634	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,141.222 9	6,141.222 9	1.9474	0.0000	6,189.908 6
2023	21.2742	122.2499	156.5951	0.6310	46.7565	1.4255	47.8573	12.5632	1.3114	13.5963	0.0000	64,525.59 78	64,525.59 78	2.9565	0.0000	64,599.50 95
2024	20.0534	118.4241	146.2173	0.6165	46.7558	1.0010	47.7567	12.5630	0.9388	13.5018	0.0000	63,092.90 38	63,092.90 38	2.8589	0.0000	63,164.37 59
2025	18.9753	114.7957	136.9677	0.6022	46.7551	0.9030	47.6582	12.5628	0.8466	13.4094	0.0000	61,679.21 42	61,679.21 42	2.7727	0.0000	61,748.53 16
2026	18.1198	112.3588	129.0718	0.5894	46.7546	0.8883	47.6429	12.5625	0.8328	13.3953	0.0000	60,409.35 73	60,409.35 73	2.7003	0.0000	60,476.86 54
2027	17.2885	110.1343	121.9846	0.5778	46.7541	0.8704	47.6244	12.5624	0.8160	13.3783	0.0000	59,265.10 27	59,265.10 27	2.6338	0.0000	59,330.94 79
2028	16.4300	108.2198	115.7830	0.5677	46.7537	0.8498	47.6034	12.5622	0.7968	13.3590	0.0000	58,254.65 49	58,254.65 49	2.5739	0.0000	58,319.00 35
2029	15.5034	106.4094	109.9209	0.5586	46.7533	0.8297	47.5830	12.5621	0.7781	13.3401	0.0000	57,355.83 66	57,355.83 66	2.5161	0.0000	57,418.73 98
2030	14.5529	100.1977	104.7741	0.5546	46.7529	0.4311	47.1840	12.5619	0.4121	12.9740	0.0000	56,903.28 79	56,903.28 79	1.9775	0.0000	56,952.72 56
2031	13.6167	98.6582	99.8647	0.5476	46.7527	0.4133	47.1659	12.5618	0.3955	12.9573	0.0000	56,209.41 79	56,209.41 79	1.9283	0.0000	56,257.62 45
2032	12.7840	97.2618	95.5831	0.5415	46.7524	0.3974	47.1498	12.5617	0.3807	12.9425	0.0000	55,609.69 88	55,609.69 88	1.8852	0.0000	55,656.82 98



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Energy	1.9214	16.6078	8.3729	0.1048		1.3275	1.3275		1.3275	1.3275		20,960.1757	20,960.1757	0.4017	0.3843	21,084.7316
Mobile	32.2460	186.4951	352.5024	1.4447	172.4106	0.7951	173.2057	46.0310	0.7386	46.7695		147,534.5953	147,534.5953	6.2819		147,691.6415
<b>Total</b>	<b>182.2225</b>	<b>207.7511</b>	<b>763.7787</b>	<b>1.5708</b>	<b>172.4106</b>	<b>4.3647</b>	<b>176.7753</b>	<b>46.0310</b>	<b>4.3081</b>	<b>50.3391</b>	<b>0.0000</b>	<b>169,222.8242</b>	<b>169,222.8242</b>	<b>7.3769</b>	<b>0.3843</b>	<b>169,521.7588</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Energy	1.9214	16.6078	8.3729	0.1048		1.3275	1.3275		1.3275	1.3275		20,960.1757	20,960.1757	0.4017	0.3843	21,084.7316
Mobile	32.1190	185.8499	349.6608	1.4292	170.3417	0.7877	171.1294	45.4786	0.7317	46.2103		145,953.7924	145,953.7924	6.2341		146,109.6449
<b>Total</b>	<b>182.0955</b>	<b>207.1059</b>	<b>760.9371</b>	<b>1.5553</b>	<b>170.3417</b>	<b>4.3573</b>	<b>174.6989</b>	<b>45.4786</b>	<b>4.3012</b>	<b>49.7798</b>	<b>0.0000</b>	<b>167,642.0213</b>	<b>167,642.0213</b>	<b>7.3291</b>	<b>0.3843</b>	<b>167,939.7622</b>

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.07	0.31	0.37	0.99	1.20	0.17	1.17	1.20	0.16	1.11	0.00	0.93	0.93	0.65	0.00	0.93

### 3.0 Construction Detail

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	2/23/2021	5	300	
2	Site Preparation	Site Preparation	2/24/2021	11/2/2021	5	180	
3	Grading	Grading	11/3/2021	8/15/2023	5	465	
4	Building Construction	Building Construction	8/16/2023	6/11/2041	5	4650	
5	Paving	Paving	6/12/2041	9/16/2042	5	330	
6	Architectural Coating	Architectural Coating	9/17/2042	12/22/2043	5	330	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 887,580; Non-Residential Outdoor: 295,860; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment



## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	1,040.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,207.00	1,188.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,041.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>		<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0272	1.0012	0.2350	2.7000e-003	0.0670	3.6300e-003	0.0706	0.0181	3.4800e-003	0.0216		289.7592	289.7592	0.0175		290.1955
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0595	0.0424	0.4194	1.0500e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		104.5333	104.5333	3.0100e-003		104.6084
<b>Total</b>	<b>0.0867</b>	<b>1.0436</b>	<b>0.6543</b>	<b>3.7500e-003</b>	<b>0.1811</b>	<b>4.4200e-003</b>	<b>0.1855</b>	<b>0.0484</b>	<b>4.2100e-003</b>	<b>0.0526</b>		<b>394.2924</b>	<b>394.2924</b>	<b>0.0205</b>		<b>394.8039</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>	<b>0.0000</b>	<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0272	1.0012	0.2350	2.7000e-003	0.0670	3.6300e-003	0.0706	0.0181	3.4800e-003	0.0216		289.7592	289.7592	0.0175		290.1955
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0595	0.0424	0.4194	1.0500e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		104.5333	104.5333	3.0100e-003		104.6084
<b>Total</b>	<b>0.0867</b>	<b>1.0436</b>	<b>0.6543</b>	<b>3.7500e-003</b>	<b>0.1811</b>	<b>4.4200e-003</b>	<b>0.1855</b>	<b>0.0484</b>	<b>4.2100e-003</b>	<b>0.0526</b>		<b>394.2924</b>	<b>394.2924</b>	<b>0.0205</b>		<b>394.8039</b>

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>		<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0251	0.9188	0.2176	2.6700e-003	0.3763	3.2000e-003	0.3795	0.0941	3.0600e-003	0.0971		286.3691	286.3691	0.0171		286.7967
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0554	0.0380	0.3827	1.0100e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		100.9746	100.9746	2.6900e-003		101.0419
<b>Total</b>	<b>0.0805</b>	<b>0.9568</b>	<b>0.6003</b>	<b>3.6800e-003</b>	<b>0.4904</b>	<b>3.9700e-003</b>	<b>0.4944</b>	<b>0.1243</b>	<b>3.7700e-003</b>	<b>0.1281</b>		<b>387.3437</b>	<b>387.3437</b>	<b>0.0198</b>		<b>387.8386</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>	<b>0.0000</b>	<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0251	0.9188	0.2176	2.6700e-003	0.3763	3.2000e-003	0.3795	0.0941	3.0600e-003	0.0971		286.3691	286.3691	0.0171		286.7967
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0554	0.0380	0.3827	1.0100e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		100.9746	100.9746	2.6900e-003		101.0419
<b>Total</b>	<b>0.0805</b>	<b>0.9568</b>	<b>0.6003</b>	<b>3.6800e-003</b>	<b>0.4904</b>	<b>3.9700e-003</b>	<b>0.4944</b>	<b>0.1243</b>	<b>3.7700e-003</b>	<b>0.1281</b>		<b>387.3437</b>	<b>387.3437</b>	<b>0.0198</b>		<b>387.8386</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>		<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0664	0.0456	0.4593	1.2200e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		121.1696	121.1696	3.2300e-003		121.2503
<b>Total</b>	<b>0.0664</b>	<b>0.0456</b>	<b>0.4593</b>	<b>1.2200e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>121.1696</b>	<b>121.1696</b>	<b>3.2300e-003</b>		<b>121.2503</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>	<b>0.0000</b>	<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0664	0.0456	0.4593	1.2200e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		121.1696	121.1696	3.2300e-003		121.2503
<b>Total</b>	<b>0.0664</b>	<b>0.0456</b>	<b>0.4593</b>	<b>1.2200e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>121.1696</b>	<b>121.1696</b>	<b>3.2300e-003</b>		<b>121.2503</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>		<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0738	0.0507	0.5103	1.3500e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		134.6329	134.6329	3.5900e-003		134.7226
<b>Total</b>	<b>0.0738</b>	<b>0.0507</b>	<b>0.5103</b>	<b>1.3500e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>134.6329</b>	<b>134.6329</b>	<b>3.5900e-003</b>		<b>134.7226</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>	<b>0.0000</b>	<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0738	0.0507	0.5103	1.3500e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		134.6329	134.6329	3.5900e-003		134.7226
<b>Total</b>	<b>0.0738</b>	<b>0.0507</b>	<b>0.5103</b>	<b>1.3500e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>134.6329</b>	<b>134.6329</b>	<b>3.5900e-003</b>		<b>134.7226</b>

**3.4 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>		<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0690	0.0456	0.4680	1.3000e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		129.8123	129.8123	3.2200e-003		129.8928
<b>Total</b>	<b>0.0690</b>	<b>0.0456</b>	<b>0.4680</b>	<b>1.3000e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>129.8123</b>	<b>129.8123</b>	<b>3.2200e-003</b>		<b>129.8928</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>	<b>0.0000</b>	<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0690	0.0456	0.4680	1.3000e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		129.8123	129.8123	3.2200e-003		129.8928
<b>Total</b>	<b>0.0690</b>	<b>0.0456</b>	<b>0.4680</b>	<b>1.3000e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>129.8123</b>	<b>129.8123</b>	<b>3.2200e-003</b>		<b>129.8928</b>

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>		<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.4 Grading - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0410	0.4288	1.2500e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		124.9394	124.9394	2.8800e-003		125.0114
<b>Total</b>	<b>0.0647</b>	<b>0.0410</b>	<b>0.4288</b>	<b>1.2500e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>124.9394</b>	<b>124.9394</b>	<b>2.8800e-003</b>		<b>125.0114</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>	<b>0.0000</b>	<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.4 Grading - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0410	0.4288	1.2500e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		124.9394	124.9394	2.8800e-003		125.0114
<b>Total</b>	<b>0.0647</b>	<b>0.0410</b>	<b>0.4288</b>	<b>1.2500e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>124.9394</b>	<b>124.9394</b>	<b>2.8800e-003</b>		<b>125.0114</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.8608	97.1949	28.7205	0.2776	7.1468	0.1470	7.2939	2.0564	0.1406	2.1970		29,442.4101	29,442.4101	1.5995		29,482.3967
Worker	16.8406	10.6702	111.6307	0.3265	39.6096	0.2541	39.8637	10.5068	0.2340	10.7409		32,527.9778	32,527.9778	0.7492		32,546.7067
<b>Total</b>	<b>19.7014</b>	<b>107.8651</b>	<b>140.3511</b>	<b>0.6040</b>	<b>46.7565</b>	<b>0.4011</b>	<b>47.1575</b>	<b>12.5632</b>	<b>0.3746</b>	<b>12.9378</b>		<b>61,970.3878</b>	<b>61,970.3878</b>	<b>2.3486</b>		<b>62,029.1034</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.8608	97.1949	28.7205	0.2776	7.1468	0.1470	7.2939	2.0564	0.1406	2.1970		29,442.4101	29,442.4101	1.5995		29,482.3967
Worker	16.8406	10.6702	111.6307	0.3265	39.6096	0.2541	39.8637	10.5068	0.2340	10.7409		32,527.9778	32,527.9778	0.7492		32,546.7067
<b>Total</b>	<b>19.7014</b>	<b>107.8651</b>	<b>140.3511</b>	<b>0.6040</b>	<b>46.7565</b>	<b>0.4011</b>	<b>47.1575</b>	<b>12.5632</b>	<b>0.3746</b>	<b>12.9378</b>		<b>61,970.3878</b>	<b>61,970.3878</b>	<b>2.3486</b>		<b>62,029.1034</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>		<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7242	95.3374	26.8405	0.2758	7.1462	0.1392	7.2854	2.0562	0.1331	2.1893		29,273.1878	29,273.1878	1.5800		29,312.6887
Worker	15.8576	9.6430	103.2100	0.3137	39.6096	0.2485	39.8581	10.5068	0.2288	10.7356		31,264.0171	31,264.0171	0.6745		31,280.8796
<b>Total</b>	<b>18.5818</b>	<b>104.9804</b>	<b>130.0505</b>	<b>0.5895</b>	<b>46.7558</b>	<b>0.3877</b>	<b>47.1434</b>	<b>12.5630</b>	<b>0.3619</b>	<b>12.9249</b>		<b>60,537.2049</b>	<b>60,537.2049</b>	<b>2.2545</b>		<b>60,593.5683</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>	<b>0.0000</b>	<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7242	95.3374	26.8405	0.2758	7.1462	0.1392	7.2854	2.0562	0.1331	2.1893		29,273.1878	29,273.1878	1.5800		29,312.6887
Worker	15.8576	9.6430	103.2100	0.3137	39.6096	0.2485	39.8581	10.5068	0.2288	10.7356		31,264.0171	31,264.0171	0.6745		31,280.8796
<b>Total</b>	<b>18.5818</b>	<b>104.9804</b>	<b>130.0505</b>	<b>0.5895</b>	<b>46.7558</b>	<b>0.3877</b>	<b>47.1434</b>	<b>12.5630</b>	<b>0.3619</b>	<b>12.9249</b>		<b>60,537.2049</b>	<b>60,537.2049</b>	<b>2.2545</b>		<b>60,593.5683</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6110	93.5705	25.4014	0.2741	7.1455	0.1316	7.2772	2.0559	0.1259	2.1818		29,109.9284	29,109.9284	1.5613		29,148.9616
Worker	14.9969	8.7555	95.4816	0.3011	39.6096	0.2439	39.8535	10.5068	0.2245	10.7313		30,012.8115	30,012.8115	0.6104		30,028.0719
<b>Total</b>	<b>17.6079</b>	<b>102.3260</b>	<b>120.8830</b>	<b>0.5752</b>	<b>46.7551</b>	<b>0.3755</b>	<b>47.1306</b>	<b>12.5628</b>	<b>0.3504</b>	<b>12.9131</b>		<b>59,122.7399</b>	<b>59,122.7399</b>	<b>2.1718</b>		<b>59,177.0335</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6110	93.5705	25.4014	0.2741	7.1455	0.1316	7.2772	2.0559	0.1259	2.1818		29,109.9284	29,109.9284	1.5613		29,148.9616
Worker	14.9969	8.7555	95.4816	0.3011	39.6096	0.2439	39.8535	10.5068	0.2245	10.7313		30,012.8115	30,012.8115	0.6104		30,028.0719
<b>Total</b>	<b>17.6079</b>	<b>102.3260</b>	<b>120.8830</b>	<b>0.5752</b>	<b>46.7551</b>	<b>0.3755</b>	<b>47.1306</b>	<b>12.5628</b>	<b>0.3504</b>	<b>12.9131</b>		<b>59,122.7399</b>	<b>59,122.7399</b>	<b>2.1718</b>		<b>59,177.0335</b>

**3.5 Building Construction - 2026**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5111	91.8911	24.2274	0.2726	7.1450	0.1241	7.2690	2.0557	0.1186	2.1744		28,955.01 35	28,955.01 35	1.5444		28,993.62 42
Worker	14.2414	7.9980	88.7598	0.2899	39.6096	0.2367	39.8463	10.5068	0.2179	10.7247		28,897.86 94	28,897.86 94	0.5550		28,911.743 1
<b>Total</b>	<b>16.7524</b>	<b>99.8891</b>	<b>112.9872</b>	<b>0.5624</b>	<b>46.7546</b>	<b>0.3608</b>	<b>47.1154</b>	<b>12.5625</b>	<b>0.3365</b>	<b>12.8991</b>		<b>57,852.88 30</b>	<b>57,852.88 30</b>	<b>2.0994</b>		<b>57,905.36 73</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5111	91.8911	24.2274	0.2726	7.1450	0.1241	7.2690	2.0557	0.1186	2.1744		28,955.01 35	28,955.01 35	1.5444		28,993.62 42
Worker	14.2414	7.9980	88.7598	0.2899	39.6096	0.2367	39.8463	10.5068	0.2179	10.7247		28,897.86 94	28,897.86 94	0.5550		28,911.743 1
<b>Total</b>	<b>16.7524</b>	<b>99.8891</b>	<b>112.9872</b>	<b>0.5624</b>	<b>46.7546</b>	<b>0.3608</b>	<b>47.1154</b>	<b>12.5625</b>	<b>0.3365</b>	<b>12.8991</b>		<b>57,852.88 30</b>	<b>57,852.88 30</b>	<b>2.0994</b>		<b>57,905.36 73</b>

**3.5 Building Construction - 2027**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2027**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4234	90.3468	23.2061	0.2711	7.1445	0.1178	7.2622	2.0555	0.1126	2.1681		28,809.24 93	28,809.24 93	1.5279		28,847.44 68
Worker	13.4977	7.3178	82.6938	0.2798	39.6096	0.2251	39.8347	10.5068	0.2071	10.7140		27,899.37 91	27,899.37 91	0.5050		27,912.00 31
<b>Total</b>	<b>15.9211</b>	<b>97.6646</b>	<b>105.8999</b>	<b>0.5509</b>	<b>46.7541</b>	<b>0.3428</b>	<b>47.0969</b>	<b>12.5624</b>	<b>0.3197</b>	<b>12.8821</b>		<b>56,708.62 84</b>	<b>56,708.62 84</b>	<b>2.0329</b>		<b>56,759.44 99</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2027**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4234	90.3468	23.2061	0.2711	7.1445	0.1178	7.2622	2.0555	0.1126	2.1681		28,809.24 93	28,809.24 93	1.5279		28,847.44 68
Worker	13.4977	7.3178	82.6938	0.2798	39.6096	0.2251	39.8347	10.5068	0.2071	10.7140		27,899.37 91	27,899.37 91	0.5050		27,912.00 31
<b>Total</b>	<b>15.9211</b>	<b>97.6646</b>	<b>105.8999</b>	<b>0.5509</b>	<b>46.7541</b>	<b>0.3428</b>	<b>47.0969</b>	<b>12.5624</b>	<b>0.3197</b>	<b>12.8821</b>		<b>56,708.62 84</b>	<b>56,708.62 84</b>	<b>2.0329</b>		<b>56,759.44 99</b>

**3.5 Building Construction - 2028**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2028**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3456	89.0365	22.3407	0.2698	7.1441	0.1122	7.2562	2.0554	0.1073	2.1626		28,685.42 41	28,685.42 41	1.5110		28,723.20 02
Worker	12.7170	6.7137	77.3576	0.2709	39.6096	0.2100	39.8197	10.5068	0.1933	10.7001		27,012.75 64	27,012.75 64	0.4620		27,024.30 53
<b>Total</b>	<b>15.0626</b>	<b>95.7501</b>	<b>99.6983</b>	<b>0.5407</b>	<b>46.7537</b>	<b>0.3222</b>	<b>47.0759</b>	<b>12.5622</b>	<b>0.3005</b>	<b>12.8628</b>		<b>55,698.18 06</b>	<b>55,698.18 06</b>	<b>1.9730</b>		<b>55,747.50 54</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2028**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3456	89.0365	22.3407	0.2698	7.1441	0.1122	7.2562	2.0554	0.1073	2.1626		28,685.42 41	28,685.42 41	1.5110		28,723.20 02
Worker	12.7170	6.7137	77.3576	0.2709	39.6096	0.2100	39.8197	10.5068	0.1933	10.7001		27,012.75 64	27,012.75 64	0.4620		27,024.30 53
<b>Total</b>	<b>15.0626</b>	<b>95.7501</b>	<b>99.6983</b>	<b>0.5407</b>	<b>46.7537</b>	<b>0.3222</b>	<b>47.0759</b>	<b>12.5622</b>	<b>0.3005</b>	<b>12.8628</b>		<b>55,698.18 06</b>	<b>55,698.18 06</b>	<b>1.9730</b>		<b>55,747.50 54</b>

**3.5 Building Construction - 2029**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2029**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2754	87.7901	21.6134	0.2687	7.1437	0.1065	7.2501	2.0552	0.1018	2.1570		28,572.6966	28,572.6966	1.4942		28,610.0524
Worker	11.8607	6.1496	72.2228	0.2629	39.6096	0.1956	39.8053	10.5068	0.1800	10.6868		26,226.6656	26,226.6656	0.4210		26,237.1894
<b>Total</b>	<b>14.1360</b>	<b>93.9397</b>	<b>93.8362</b>	<b>0.5316</b>	<b>46.7533</b>	<b>0.3021</b>	<b>47.0554</b>	<b>12.5621</b>	<b>0.2818</b>	<b>12.8439</b>		<b>54,799.3622</b>	<b>54,799.3622</b>	<b>1.9152</b>		<b>54,847.2418</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2029**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2754	87.7901	21.6134	0.2687	7.1437	0.1065	7.2501	2.0552	0.1018	2.1570		28,572.6966	28,572.6966	1.4942		28,610.0524
Worker	11.8607	6.1496	72.2228	0.2629	39.6096	0.1956	39.8053	10.5068	0.1800	10.6868		26,226.6656	26,226.6656	0.4210		26,237.1894
<b>Total</b>	<b>14.1360</b>	<b>93.9397</b>	<b>93.8362</b>	<b>0.5316</b>	<b>46.7533</b>	<b>0.3021</b>	<b>47.0554</b>	<b>12.5621</b>	<b>0.2818</b>	<b>12.8439</b>		<b>54,799.3622</b>	<b>54,799.3622</b>	<b>1.9152</b>		<b>54,847.2418</b>

**3.5 Building Construction - 2030**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2030**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2121	86.6224	21.0134	0.2677	7.1433	0.1007	7.2440	2.0551	0.0963	2.1514		28,471.74 95	28,471.74 95	1.4768		28,508.66 91
Worker	11.0317	5.6406	67.6038	0.2559	39.6096	0.1822	39.7919	10.5068	0.1677	10.6745		25,533.99 16	25,533.99 16	0.3845		25,543.60 36
<b>Total</b>	<b>13.2438</b>	<b>92.2630</b>	<b>88.6171</b>	<b>0.5236</b>	<b>46.7529</b>	<b>0.2830</b>	<b>47.0359</b>	<b>12.5619</b>	<b>0.2640</b>	<b>12.8259</b>		<b>54,005.74 12</b>	<b>54,005.74 12</b>	<b>1.8613</b>		<b>54,052.27 27</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2030**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2121	86.6224	21.0134	0.2677	7.1433	0.1007	7.2440	2.0551	0.0963	2.1514		28,471.74 95	28,471.74 95	1.4768		28,508.66 91
Worker	11.0317	5.6406	67.6038	0.2559	39.6096	0.1822	39.7919	10.5068	0.1677	10.6745		25,533.99 16	25,533.99 16	0.3845		25,543.60 36
<b>Total</b>	<b>13.2438</b>	<b>92.2630</b>	<b>88.6171</b>	<b>0.5236</b>	<b>46.7529</b>	<b>0.2830</b>	<b>47.0359</b>	<b>12.5619</b>	<b>0.2640</b>	<b>12.8259</b>		<b>54,005.74 12</b>	<b>54,005.74 12</b>	<b>1.8613</b>		<b>54,052.27 27</b>

**3.5 Building Construction - 2031**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2031**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1586	85.5638	20.5196	0.2668	7.1431	0.0956	7.2387	2.0550	0.0914	2.1464		28,385.71 65	28,385.71 65	1.4617		28,422.25 98
Worker	10.1491	5.1598	63.1882	0.2498	39.6096	0.1695	39.7791	10.5068	0.1559	10.6628		24,926.15 46	24,926.15 46	0.3503		24,934.91 18
<b>Total</b>	<b>12.3076</b>	<b>90.7236</b>	<b>83.7078</b>	<b>0.5166</b>	<b>46.7527</b>	<b>0.2651</b>	<b>47.0178</b>	<b>12.5618</b>	<b>0.2473</b>	<b>12.8092</b>		<b>53,311.87 11</b>	<b>53,311.87 11</b>	<b>1.8120</b>		<b>53,357.17 17</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2031**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1586	85.5638	20.5196	0.2668	7.1431	0.0956	7.2387	2.0550	0.0914	2.1464		28,385.7165	28,385.7165	1.4617		28,422.2598
Worker	10.1491	5.1598	63.1882	0.2498	39.6096	0.1695	39.7791	10.5068	0.1559	10.6628		24,926.1546	24,926.1546	0.3503		24,934.9118
<b>Total</b>	<b>12.3076</b>	<b>90.7236</b>	<b>83.7078</b>	<b>0.5166</b>	<b>46.7527</b>	<b>0.2651</b>	<b>47.0178</b>	<b>12.5618</b>	<b>0.2473</b>	<b>12.8092</b>		<b>53,311.8711</b>	<b>53,311.8711</b>	<b>1.8120</b>		<b>53,357.1717</b>

**3.5 Building Construction - 2032**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2032**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1141	84.5818	20.1273	0.2661	7.1428	0.0916	7.2344	2.0549	0.0875	2.1425		28,315.2811	28,315.2811	1.4485		28,351.4930
Worker	9.3608	4.7455	59.2989	0.2444	39.6096	0.1577	39.7673	10.5068	0.1451	10.6519		24,396.8710	24,396.8710	0.3205		24,404.8839
<b>Total</b>	<b>11.4749</b>	<b>89.3272</b>	<b>79.4261</b>	<b>0.5106</b>	<b>46.7524</b>	<b>0.2493</b>	<b>47.0017</b>	<b>12.5617</b>	<b>0.2326</b>	<b>12.7943</b>		<b>52,712.1521</b>	<b>52,712.1521</b>	<b>1.7690</b>		<b>52,756.3770</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2032**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1141	84.5818	20.1273	0.2661	7.1428	0.0916	7.2344	2.0549	0.0875	2.1425		28,315.2811	28,315.2811	1.4485		28,351.4930
Worker	9.3608	4.7455	59.2989	0.2444	39.6096	0.1577	39.7673	10.5068	0.1451	10.6519		24,396.8710	24,396.8710	0.3205		24,404.8839
<b>Total</b>	<b>11.4749</b>	<b>89.3272</b>	<b>79.4261</b>	<b>0.5106</b>	<b>46.7524</b>	<b>0.2493</b>	<b>47.0017</b>	<b>12.5617</b>	<b>0.2326</b>	<b>12.7943</b>		<b>52,712.1521</b>	<b>52,712.1521</b>	<b>1.7690</b>		<b>52,756.3770</b>

**3.5 Building Construction - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0766	83.7085	19.7940	0.2655	7.1426	0.0881	7.2307	2.0549	0.0843	2.1391		28,253.44 28	28,253.44 28	1.4368		28,289.36 21
Worker	8.7197	4.4063	56.0231	0.2398	39.6096	0.1471	39.7567	10.5068	0.1353	10.6421		23,940.61 55	23,940.61 55	0.2957		23,948.00 87
<b>Total</b>	<b>10.7962</b>	<b>88.1148</b>	<b>75.8171</b>	<b>0.5053</b>	<b>46.7522</b>	<b>0.2352</b>	<b>46.9874</b>	<b>12.5617</b>	<b>0.2196</b>	<b>12.7812</b>		<b>52,194.05 84</b>	<b>52,194.05 84</b>	<b>1.7325</b>		<b>52,237.37 08</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0766	83.7085	19.7940	0.2655	7.1426	0.0881	7.2307	2.0549	0.0843	2.1391		28,253.44 28	28,253.44 28	1.4368		28,289.36 21
Worker	8.7197	4.4063	56.0231	0.2398	39.6096	0.1471	39.7567	10.5068	0.1353	10.6421		23,940.61 55	23,940.61 55	0.2957		23,948.00 87
<b>Total</b>	<b>10.7962</b>	<b>88.1148</b>	<b>75.8171</b>	<b>0.5053</b>	<b>46.7522</b>	<b>0.2352</b>	<b>46.9874</b>	<b>12.5617</b>	<b>0.2196</b>	<b>12.7812</b>		<b>52,194.05 84</b>	<b>52,194.05 84</b>	<b>1.7325</b>		<b>52,237.37 08</b>

**3.5 Building Construction - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0419	82.8990	19.4904	0.2650	7.1424	0.0848	7.2272	2.0548	0.0811	2.1358		28,201.2999	28,201.2999	1.4258		28,236.9445
Worker	8.1585	4.1171	52.9227	0.2358	39.6096	0.1372	39.7468	10.5068	0.1262	10.6330		23,546.4388	23,546.4388	0.2726		23,553.2532
<b>Total</b>	<b>10.2003</b>	<b>87.0161</b>	<b>72.4131</b>	<b>0.5008</b>	<b>46.7520</b>	<b>0.2220</b>	<b>46.9740</b>	<b>12.5616</b>	<b>0.2073</b>	<b>12.7689</b>		<b>51,747.7387</b>	<b>51,747.7387</b>	<b>1.6984</b>		<b>51,790.1977</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0419	82.8990	19.4904	0.2650	7.1424	0.0848	7.2272	2.0548	0.0811	2.1358		28,201.2999	28,201.2999	1.4258		28,236.9445
Worker	8.1585	4.1171	52.9227	0.2358	39.6096	0.1372	39.7468	10.5068	0.1262	10.6330		23,546.4388	23,546.4388	0.2726		23,553.2532
<b>Total</b>	<b>10.2003</b>	<b>87.0161</b>	<b>72.4131</b>	<b>0.5008</b>	<b>46.7520</b>	<b>0.2220</b>	<b>46.9740</b>	<b>12.5616</b>	<b>0.2073</b>	<b>12.7689</b>		<b>51,747.7387</b>	<b>51,747.7387</b>	<b>1.6984</b>		<b>51,790.1977</b>

**3.5 Building Construction - 2035**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2035**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2035**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2036**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2036**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

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**3.5 Building Construction - 2036**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2037**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2037**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2037**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2038**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2038**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2038**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2039**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2039**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2039**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2040**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>		<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2040**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>	<b>0.0000</b>	<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2040**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**3.5 Building Construction - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>		<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>	<b>0.0000</b>	<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**3.6 Paving - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>		<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.6 Paving - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.6 Paving - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**3.6 Paving - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>		<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.6 Paving - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.6 Paving - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**3.7 Architectural Coating - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**3.7 Architectural Coating - 2043**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2043**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2043**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Integrate Below Market Rate Housing

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	32.1190	185.8499	349.6608	1.4292	170.3417	0.7877	171.1294	45.4786	0.7317	46.2103		145,953.7924	145,953.7924	6.2341		146,109.6449
Unmitigated	32.2460	186.4951	352.5024	1.4447	172.4106	0.7951	173.2057	46.0310	0.7386	46.7695		147,534.5953	147,534.5953	6.2819		147,691.6415

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	10,972.35	11,921.40	10106.55	13,501,464	13,339,447
Apartments Mid Rise	20,515.25	19,713.15	18078.10	34,799,150	34,381,560
City Park	150.26	1,808.63	1330.83	1,025,459	1,013,153
Condo/Townhouse	871.50	850.50	726.00	2,175,327	2,149,223
Elementary School	1,535.29	0.00	0.00	2,306,054	2,278,381
General Light Industry	1,290.84	244.46	125.94	2,696,455	2,664,098
Racquet Club	883.89	1,345.05	1096.20	1,294,152	1,278,622
Regional Shopping Center	10,419.65	12,193.68	6159.06	14,063,079	13,894,322
<b>Total</b>	<b>46,639.03</b>	<b>48,076.87</b>	<b>37,622.68</b>	<b>71,861,140</b>	<b>70,998,807</b>

4.3 Trip Type Information

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	1.10	5.00	6.50	46.50	12.50	41.00	86	11	3
Apartments Mid Rise	4.47	5.00	6.50	46.50	12.50	41.00	86	11	3
City Park	10.00	5.00	6.50	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Elementary School	10.00	5.00	6.50	65.00	30.00	5.00	63	25	12
General Light Industry	10.00	5.00	6.50	59.00	28.00	13.00	92	5	3
Racquet Club	10.00	5.00	6.50	11.50	69.50	19.00	52	39	9
Regional Shopping Center	10.00	5.00	6.50	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Apartments Mid Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
City Park	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Condo/Townhouse	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Elementary School	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
General Light Industry	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Racquet Club	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Regional Shopping Center	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.9214	16.6078	8.3729	0.1048		1.3275	1.3275		1.3275	1.3275		20,960.1757	20,960.1757	0.4017	0.3843	21,084.7316
NaturalGas Unmitigated	1.9214	16.6078	8.3729	0.1048		1.3275	1.3275		1.3275	1.3275		20,960.1757	20,960.1757	0.4017	0.3843	21,084.7316

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	55190.1	0.5952	5.0861	2.1643	0.0325		0.4112	0.4112		0.4112	0.4112		6,492.9472	6,492.9472	0.1245	0.1190	6,531.5316
Apartments Mid Rise	82391.5	0.8885	7.5929	3.2310	0.0485		0.6139	0.6139		0.6139	0.6139		9,693.1148	9,693.1148	0.1858	0.1777	9,750.7161
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	8445.72	0.0911	0.7783	0.3312	4.9700e-003		0.0629	0.0629		0.0629	0.0629		993.6140	993.6140	0.0190	0.0182	999.5186
Elementary School	4159.92	0.0449	0.4078	0.3426	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.4021	489.4021	9.3800e-003	8.9700e-003	492.3104
General Light Industry	18169.9	0.1960	1.7814	1.4963	0.0107		0.1354	0.1354		0.1354	0.1354		2,137.6348	2,137.6348	0.0410	0.0392	2,150.3377
Racquet Club	6180.9	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3623.53	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.9214</b>	<b>16.6078</b>	<b>8.3729</b>	<b>0.1048</b>		<b>1.3275</b>	<b>1.3275</b>		<b>1.3275</b>	<b>1.3275</b>		<b>20,960.1757</b>	<b>20,960.1757</b>	<b>0.4017</b>	<b>0.3843</b>	<b>21,084.7316</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	55.1901	0.5952	5.0861	2.1643	0.0325		0.4112	0.4112		0.4112	0.4112		6,492.9472	6,492.9472	0.1245	0.1190	6,531.5316
Apartments Mid Rise	82.3915	0.8885	7.5929	3.2310	0.0485		0.6139	0.6139		0.6139	0.6139		9,693.1148	9,693.1148	0.1858	0.1777	9,750.7161
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	8.44572	0.0911	0.7783	0.3312	4.9700e-003		0.0629	0.0629		0.0629	0.0629		993.6140	993.6140	0.0190	0.0182	999.5186
Elementary School	4.15992	0.0449	0.4078	0.3426	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.4021	489.4021	9.3800e-003	8.9700e-003	492.3104
General Light Industry	18.1699	0.1960	1.7814	1.4963	0.0107		0.1354	0.1354		0.1354	0.1354		2,137.6348	2,137.6348	0.0410	0.0392	2,150.3377
Racquet Club	6.1809	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3.62353	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.9214</b>	<b>16.6078</b>	<b>8.3729</b>	<b>0.1048</b>		<b>1.3275</b>	<b>1.3275</b>		<b>1.3275</b>	<b>1.3275</b>		<b>20,960.1757</b>	<b>20,960.1757</b>	<b>0.4017</b>	<b>0.3843</b>	<b>21,084.7316</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Unmitigated	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.3031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.7012					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0509	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421		728.0532	728.0532	0.6933		745.3858
<b>Total</b>	<b>148.0552</b>	<b>4.6482</b>	<b>402.9034</b>	<b>0.0214</b>		<b>2.2421</b>	<b>2.2421</b>		<b>2.2421</b>	<b>2.2421</b>	<b>0.0000</b>	<b>728.0532</b>	<b>728.0532</b>	<b>0.6933</b>	<b>0.0000</b>	<b>745.3858</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.3031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.7012					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0509	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421		728.0532	728.0532	0.6933		745.3858
<b>Total</b>	<b>148.0552</b>	<b>4.6482</b>	<b>402.9034</b>	<b>0.0214</b>		<b>2.2421</b>	<b>2.2421</b>		<b>2.2421</b>	<b>2.2421</b>	<b>0.0000</b>	<b>728.0532</b>	<b>728.0532</b>	<b>0.6933</b>	<b>0.0000</b>	<b>745.3858</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**West Broadway Future\_VMT Adj\_incl Project Features**  
**Sacramento County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	99.50	1000sqft	2.28	99,500.00	0
General Light Industry	185.20	1000sqft	4.25	185,200.00	0
City Park	79.50	Acre	79.50	3,463,020.00	0
Racquet Club	63.00	1000sqft	1.45	63,000.00	0
Apartments Low Rise	1,665.00	Dwelling Unit	104.06	1,665,000.00	4446
Apartments Mid Rise	3,085.00	Dwelling Unit	81.18	3,085,000.00	8237
Condo/Townhouse	150.00	Dwelling Unit	9.38	150,000.00	401
Regional Shopping Center	244.02	1000sqft	5.60	244,020.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.5	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	6			<b>Operational Year</b>	2035
<b>Utility Company</b>	Sacramento Municipal Utility District				
<b>CO2 Intensity (lb/MW hr)</b>	143.85	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Mobile Land Use Mitigation -  
 Area Mitigation -

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

Table Name	Column Name	Default Value	New Value
tblEnergyUse	T24E	511.12	240.23
tblEnergyUse	T24E	460.92	428.66
tblEnergyUse	T24E	381.61	354.90
tblEnergyUse	T24E	3.41	2.39
tblEnergyUse	T24E	3.26	2.28
tblProjectCharacteristics	CO2IntensityFactor	590.31	143.85
tblVehicleTrips	HW_TL	10.00	1.10
tblVehicleTrips	HW_TL	10.00	4.47

**2.0 Emissions Summary**

**2.1 Overall Construction (Maximum Daily Emission)**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.4031	34.1972	22.4625	0.0428	0.9636	1.6630	2.6266	0.1669	1.5460	1.7128	0.0000	4,161.0109	4,161.0109	1.0780	0.0000	4,187.9619
2021	4.2713	46.4409	31.4768	0.0636	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,160.3393	6,160.3393	1.9469	0.0000	6,209.0112
2022	3.6996	38.8804	29.5925	0.0636	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,159.2088	6,159.2088	1.9479	0.0000	6,207.9058
2023	22.4719	119.2605	173.1881	0.6835	46.7565	1.4255	47.8455	12.5632	1.3114	13.5850	0.0000	69,810.4029	69,810.4029	2.9444	0.0000	69,884.0130
2024	21.1338	115.6870	161.9332	0.6672	46.7558	0.9904	47.7462	12.5630	0.9287	13.4917	0.0000	68,192.7327	68,192.7327	2.8390	0.0000	68,263.7070
2025	19.9569	112.2740	151.7380	0.6511	46.7551	0.8936	47.6488	12.5628	0.8376	13.4004	0.0000	66,595.6557	66,595.6557	2.7463	0.0000	66,664.3125

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2026	19.0027	110.0231	143.0229	0.6366	46.7546	0.8801	47.6347	12.5625	0.8249	13.3875	0.0000	65,163.0979	65,163.0979	2.6682	0.0000	65,229.8032
2027	18.0807	107.9678	135.1941	0.6236	46.7541	0.8631	47.6171	12.5624	0.8090	13.3713	0.0000	63,874.9207	63,874.9207	2.5966	0.0000	63,939.8367
2028	17.1520	106.1917	128.3256	0.6121	46.7537	0.8433	47.5969	12.5622	0.7906	13.3528	0.0000	62,737.2379	62,737.2379	2.5328	0.0000	62,800.5571
2029	16.1568	104.5102	121.8388	0.6020	46.7533	0.8240	47.5773	12.5621	0.7727	13.3347	0.0000	61,726.9421	61,726.9421	2.4713	0.0000	61,788.7242
2030	15.1379	98.4166	116.1306	0.5970	46.7529	0.4263	47.1793	12.5619	0.4075	12.9695	0.0000	61,177.4763	61,177.4763	1.9297	0.0000	61,225.7177
2031	14.1377	96.9869	110.7029	0.5891	46.7527	0.4092	47.1619	12.5618	0.3916	12.9535	0.0000	60,399.9736	60,399.9736	1.8776	0.0000	60,446.9129
2032	13.2426	95.6826	105.9571	0.5824	46.7524	0.3939	47.1463	12.5617	0.3774	12.9391	0.0000	59,728.1829	59,728.1829	1.8321	0.0000	59,773.9847
2033	12.5072	94.5469	101.9519	0.5765	46.7522	0.3803	47.1325	12.5617	0.3647	12.9264	0.0000	59,148.3275	59,148.3275	1.7936	0.0000	59,193.1664
2034	11.8418	93.5149	98.1731	0.5715	46.7520	0.3674	47.1195	12.5616	0.3528	12.9144	0.0000	58,649.2777	58,649.2777	1.7576	0.0000	58,693.2175
2035	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.3685	58,226.3685	1.7179	0.0000	58,269.3164
2036	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.3685	58,226.3685	1.7179	0.0000	58,269.3164
2037	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.3685	58,226.3685	1.7179	0.0000	58,269.3164
2038	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.3685	58,226.3685	1.7179	0.0000	58,269.3164
2039	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.3685	58,226.3685	1.7179	0.0000	58,269.3164
2040	9.0426	88.6590	84.9205	0.5548	46.7513	0.2459	46.9972	12.5613	0.2347	12.7960	0.0000	56,996.9660	56,996.9660	1.6108	0.0000	57,037.2347
2041	9.0426	88.6590	84.9205	0.5548	46.7513	0.2459	46.9972	12.5613	0.2347	12.7960	0.0000	56,996.9660	56,996.9660	1.6108	0.0000	57,037.2347
2042	203.7631	3.6641	15.9692	0.0536	7.9189	0.1167	7.9460	2.1006	0.1167	2.1261	0.0000	5,339.7072	5,339.7072	0.0899	0.0000	5,341.1070
2043	203.7631	1.2458	12.3048	0.0536	7.9189	0.0271	7.9460	2.1006	0.0255	2.1261	0.0000	5,339.7072	5,339.7072	0.0560	0.0000	5,341.1070

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

Maximum	203.7631	119.2605	173.1881	0.6835	46.7565	2.0454	47.8455	12.5632	1.8818	13.5850	0.0000	69,810.40 29	69,810.40 29	2.9444	0.0000	69,884.01 30
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2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.4031	34.1972	22.4625	0.0428	0.9636	1.6630	2.6266	0.1669	1.5460	1.7128	0.0000	4,161.010 9	4,161.010 9	1.0780	0.0000	4,187.961 9
2021	4.2713	46.4409	31.4768	0.0636	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,160.339 2	6,160.339 2	1.9469	0.0000	6,209.0112
2022	3.6996	38.8804	29.5925	0.0636	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,159.208 8	6,159.208 8	1.9479	0.0000	6,207.905 8
2023	22.4719	119.2605	173.1881	0.6835	46.7565	1.4255	47.8455	12.5632	1.3114	13.5850	0.0000	69,810.40 29	69,810.40 29	2.9444	0.0000	69,884.01 30
2024	21.1338	115.6870	161.9332	0.6672	46.7558	0.9904	47.7462	12.5630	0.9287	13.4917	0.0000	68,192.73 27	68,192.73 27	2.8390	0.0000	68,263.70 70
2025	19.9569	112.2740	151.7380	0.6511	46.7551	0.8936	47.6488	12.5628	0.8376	13.4004	0.0000	66,595.65 57	66,595.65 57	2.7463	0.0000	66,664.31 25
2026	19.0027	110.0231	143.0229	0.6366	46.7546	0.8801	47.6347	12.5625	0.8249	13.3875	0.0000	65,163.09 79	65,163.09 79	2.6682	0.0000	65,229.80 32
2027	18.0807	107.9678	135.1941	0.6236	46.7541	0.8631	47.6171	12.5624	0.8090	13.3713	0.0000	63,874.92 07	63,874.92 07	2.5966	0.0000	63,939.83 67
2028	17.1520	106.1917	128.3256	0.6121	46.7537	0.8433	47.5969	12.5622	0.7906	13.3528	0.0000	62,737.23 79	62,737.23 79	2.5328	0.0000	62,800.55 71
2029	16.1568	104.5102	121.8388	0.6020	46.7533	0.8240	47.5773	12.5621	0.7727	13.3347	0.0000	61,726.94 21	61,726.94 21	2.4713	0.0000	61,788.72 42
2030	15.1379	98.4166	116.1306	0.5970	46.7529	0.4263	47.1793	12.5619	0.4075	12.9695	0.0000	61,177.47 63	61,177.47 63	1.9297	0.0000	61,225.71 77
2031	14.1377	96.9869	110.7029	0.5891	46.7527	0.4092	47.1619	12.5618	0.3916	12.9535	0.0000	60,399.97 36	60,399.97 36	1.8776	0.0000	60,446.91 29
2032	13.2426	95.6826	105.9571	0.5824	46.7524	0.3939	47.1463	12.5617	0.3774	12.9391	0.0000	59,728.18 29	59,728.18 29	1.8321	0.0000	59,773.98 47





West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Energy	1.9214	16.6078	8.3729	0.1048		1.3275	1.3275		1.3275	1.3275		20,960.1757	20,960.1757	0.4017	0.3843	21,084.7316
Mobile	46.7006	181.9336	372.0580	1.5920	172.4106	0.7899	173.2004	46.0310	0.7335	46.7645		162,360.3128	162,360.3128	6.0713		162,512.0965
<b>Total</b>	<b>196.6771</b>	<b>203.1896</b>	<b>783.3343</b>	<b>1.7181</b>	<b>172.4106</b>	<b>4.3594</b>	<b>176.7700</b>	<b>46.0310</b>	<b>4.3030</b>	<b>50.3340</b>	<b>0.0000</b>	<b>184,048.5417</b>	<b>184,048.5417</b>	<b>7.1664</b>	<b>0.3843</b>	<b>184,342.2138</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Energy	1.9214	16.6078	8.3729	0.1048		1.3275	1.3275		1.3275	1.3275		20,960.1757	20,960.1757	0.4017	0.3843	21,084.7316
Mobile	46.5717	181.3661	368.5582	1.5749	170.3417	0.7824	171.1241	45.4786	0.7266	46.2052		160,621.2080	160,621.2080	6.0219		160,771.7547
<b>Total</b>	<b>196.5482</b>	<b>202.6221</b>	<b>779.8345</b>	<b>1.7010</b>	<b>170.3417</b>	<b>4.3520</b>	<b>174.6936</b>	<b>45.4786</b>	<b>4.2961</b>	<b>49.7747</b>	<b>0.0000</b>	<b>182,309.4369</b>	<b>182,309.4369</b>	<b>7.1169</b>	<b>0.3843</b>	<b>182,601.8720</b>

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.07	0.28	0.45	0.99	1.20	0.17	1.17	1.20	0.16	1.11	0.00	0.94	0.94	0.69	0.00	0.94

### 3.0 Construction Detail

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	2/23/2021	5	300	
2	Site Preparation	Site Preparation	2/24/2021	11/2/2021	5	180	
3	Grading	Grading	11/3/2021	8/15/2023	5	465	
4	Building Construction	Building Construction	8/16/2023	6/11/2041	5	4650	
5	Paving	Paving	6/12/2041	9/16/2042	5	330	
6	Architectural Coating	Architectural Coating	9/17/2042	12/22/2043	5	330	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 887,580; Non-Residential Outdoor: 295,860; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	1,040.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,207.00	1,188.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,041.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>		<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0263	0.9619	0.2196	2.7500e-003	0.0670	3.5200e-003	0.0705	0.0181	3.3600e-003	0.0215		294.2791	294.2791	0.0167		294.6961
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0343	0.4898	1.2000e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		119.0269	119.0269	3.4100e-003		119.1122
<b>Total</b>	<b>0.0910</b>	<b>0.9962</b>	<b>0.7093</b>	<b>3.9500e-003</b>	<b>0.1811</b>	<b>4.3100e-003</b>	<b>0.1854</b>	<b>0.0484</b>	<b>4.0900e-003</b>	<b>0.0525</b>		<b>413.3060</b>	<b>413.3060</b>	<b>0.0201</b>		<b>413.8083</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>	<b>0.0000</b>	<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0263	0.9619	0.2196	2.7500e-003	0.0670	3.5200e-003	0.0705	0.0181	3.3600e-003	0.0215		294.2791	294.2791	0.0167		294.6961
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0343	0.4898	1.2000e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		119.0269	119.0269	3.4100e-003		119.1122
<b>Total</b>	<b>0.0910</b>	<b>0.9962</b>	<b>0.7093</b>	<b>3.9500e-003</b>	<b>0.1811</b>	<b>4.3100e-003</b>	<b>0.1854</b>	<b>0.0484</b>	<b>4.0900e-003</b>	<b>0.0525</b>		<b>413.3060</b>	<b>413.3060</b>	<b>0.0201</b>		<b>413.8083</b>

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>		<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0244	0.8847	0.2035	2.7100e-003	0.3763	3.0900e-003	0.3794	0.0941	2.9600e-003	0.0970		290.8768	290.8768	0.0164		291.2859
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0601	0.0308	0.4487	1.1500e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		114.9719	114.9719	3.0600e-003		115.0483
<b>Total</b>	<b>0.0845</b>	<b>0.9155</b>	<b>0.6523</b>	<b>3.8600e-003</b>	<b>0.4904</b>	<b>3.8600e-003</b>	<b>0.4943</b>	<b>0.1243</b>	<b>3.6700e-003</b>	<b>0.1280</b>		<b>405.8487</b>	<b>405.8487</b>	<b>0.0194</b>		<b>406.3343</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>	<b>0.0000</b>	<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0244	0.8847	0.2035	2.7100e-003	0.3763	3.0900e-003	0.3794	0.0941	2.9600e-003	0.0970		290.8768	290.8768	0.0164		291.2859
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0601	0.0308	0.4487	1.1500e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		114.9719	114.9719	3.0600e-003		115.0483
<b>Total</b>	<b>0.0845</b>	<b>0.9155</b>	<b>0.6523</b>	<b>3.8600e-003</b>	<b>0.4904</b>	<b>3.8600e-003</b>	<b>0.4943</b>	<b>0.1243</b>	<b>3.6700e-003</b>	<b>0.1280</b>		<b>405.8487</b>	<b>405.8487</b>	<b>0.0194</b>		<b>406.3343</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>		<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0721	0.0369	0.5385	1.3900e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		137.9662	137.9662	3.6700e-003		138.0580
<b>Total</b>	<b>0.0721</b>	<b>0.0369</b>	<b>0.5385</b>	<b>1.3900e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>137.9662</b>	<b>137.9662</b>	<b>3.6700e-003</b>		<b>138.0580</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>	<b>0.0000</b>	<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0721	0.0369	0.5385	1.3900e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		137.9662	137.9662	3.6700e-003		138.0580
<b>Total</b>	<b>0.0721</b>	<b>0.0369</b>	<b>0.5385</b>	<b>1.3900e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>137.9662</b>	<b>137.9662</b>	<b>3.6700e-003</b>		<b>138.0580</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>		<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0410	0.5983	1.5400e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		153.2958	153.2958	4.0800e-003		153.3978
<b>Total</b>	<b>0.0802</b>	<b>0.0410</b>	<b>0.5983</b>	<b>1.5400e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>153.2958</b>	<b>153.2958</b>	<b>4.0800e-003</b>		<b>153.3978</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>	<b>0.0000</b>	<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0410	0.5983	1.5400e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		153.2958	153.2958	4.0800e-003		153.3978
<b>Total</b>	<b>0.0802</b>	<b>0.0410</b>	<b>0.5983</b>	<b>1.5400e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>153.2958</b>	<b>153.2958</b>	<b>4.0800e-003</b>		<b>153.3978</b>

**3.4 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>		<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0748	0.0369	0.5510	1.4800e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		147.7983	147.7983	3.6700e-003		147.8899
<b>Total</b>	<b>0.0748</b>	<b>0.0369</b>	<b>0.5510</b>	<b>1.4800e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>147.7983</b>	<b>147.7983</b>	<b>3.6700e-003</b>		<b>147.8899</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>	<b>0.0000</b>	<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0748	0.0369	0.5510	1.4800e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		147.7983	147.7983	3.6700e-003		147.8899
<b>Total</b>	<b>0.0748</b>	<b>0.0369</b>	<b>0.5510</b>	<b>1.4800e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>147.7983</b>	<b>147.7983</b>	<b>3.6700e-003</b>		<b>147.8899</b>

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>		<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

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**3.4 Grading - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0699	0.0332	0.5072	1.4300e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		142.2416	142.2416	3.2900e-003		142.3238
<b>Total</b>	<b>0.0699</b>	<b>0.0332</b>	<b>0.5072</b>	<b>1.4300e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>142.2416</b>	<b>142.2416</b>	<b>3.2900e-003</b>		<b>142.3238</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>	<b>0.0000</b>	<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.4 Grading - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0699	0.0332	0.5072	1.4300e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		142.2416	142.2416	3.2900e-003		142.3238
<b>Total</b>	<b>0.0699</b>	<b>0.0332</b>	<b>0.5072</b>	<b>1.4300e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>142.2416</b>	<b>142.2416</b>	<b>3.2900e-003</b>		<b>142.3238</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6919	96.2269	24.9032	0.2849	7.1468	0.1352	7.2821	2.0564	0.1293	2.1857		30,222.5811	30,222.5811	1.4809		30,259.6023
Worker	18.2073	8.6487	132.0410	0.3718	39.6096	0.2541	39.8637	10.5068	0.2340	10.7409		37,032.6119	37,032.6119	0.8557		37,054.0046
<b>Total</b>	<b>20.8992</b>	<b>104.8756</b>	<b>156.9441</b>	<b>0.6566</b>	<b>46.7565</b>	<b>0.3893</b>	<b>47.1457</b>	<b>12.5632</b>	<b>0.3633</b>	<b>12.9265</b>		<b>67,255.1929</b>	<b>67,255.1929</b>	<b>2.3366</b>		<b>67,313.6070</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6919	96.2269	24.9032	0.2849	7.1468	0.1352	7.2821	2.0564	0.1293	2.1857		30,222.5811	30,222.5811	1.4809		30,259.6023
Worker	18.2073	8.6487	132.0410	0.3718	39.6096	0.2541	39.8637	10.5068	0.2340	10.7409		37,032.6119	37,032.6119	0.8557		37,054.0046
<b>Total</b>	<b>20.8992</b>	<b>104.8756</b>	<b>156.9441</b>	<b>0.6566</b>	<b>46.7565</b>	<b>0.3893</b>	<b>47.1457</b>	<b>12.5632</b>	<b>0.3633</b>	<b>12.9265</b>		<b>67,255.1929</b>	<b>67,255.1929</b>	<b>2.3366</b>		<b>67,313.6070</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>		<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5650	94.4237	23.2769	0.2830	7.1462	0.1286	7.2748	2.0562	0.1230	2.1791		30,045.88 59	30,045.88 59	1.4627		30,082.45 29
Worker	17.0973	7.8195	122.4894	0.3572	39.6096	0.2485	39.8581	10.5068	0.2288	10.7356		35,591.14 79	35,591.14 79	0.7719		35,610.44 64
<b>Total</b>	<b>19.6622</b>	<b>102.2432</b>	<b>145.7663</b>	<b>0.6402</b>	<b>46.7558</b>	<b>0.3771</b>	<b>47.1329</b>	<b>12.5630</b>	<b>0.3518</b>	<b>12.9148</b>		<b>65,637.03 38</b>	<b>65,637.03 38</b>	<b>2.2346</b>		<b>65,692.89 93</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.698 9	2,555.698 9	0.6044		2,570.807 7
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>	<b>0.0000</b>	<b>2,555.698 9</b>	<b>2,555.698 9</b>	<b>0.6044</b>		<b>2,570.807 7</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5650	94.4237	23.2769	0.2830	7.1462	0.1286	7.2748	2.0562	0.1230	2.1791		30,045.88 59	30,045.88 59	1.4627		30,082.45 29
Worker	17.0973	7.8195	122.4894	0.3572	39.6096	0.2485	39.8581	10.5068	0.2288	10.7356		35,591.14 79	35,591.14 79	0.7719		35,610.44 64
<b>Total</b>	<b>19.6622</b>	<b>102.2432</b>	<b>145.7663</b>	<b>0.6402</b>	<b>46.7558</b>	<b>0.3771</b>	<b>47.1329</b>	<b>12.5630</b>	<b>0.3518</b>	<b>12.9148</b>		<b>65,637.03 38</b>	<b>65,637.03 38</b>	<b>2.2346</b>		<b>65,692.89 93</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4600	92.7018	22.0403	0.2813	7.1455	0.1222	7.2678	2.0559	0.1169	2.1728		29,874.84 90	29,874.84 90	1.4455		29,910.98 62
Worker	16.1295	7.1026	113.6130	0.3428	39.6096	0.2439	39.8535	10.5068	0.2245	10.7313		34,164.33 24	34,164.33 24	0.6998		34,181.82 83
<b>Total</b>	<b>18.5895</b>	<b>99.8043</b>	<b>135.6533</b>	<b>0.6241</b>	<b>46.7551</b>	<b>0.3661</b>	<b>47.1212</b>	<b>12.5628</b>	<b>0.3414</b>	<b>12.9041</b>		<b>64,039.18 13</b>	<b>64,039.18 13</b>	<b>2.1453</b>		<b>64,092.81 45</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4600	92.7018	22.0403	0.2813	7.1455	0.1222	7.2678	2.0559	0.1169	2.1728		29,874.84 90	29,874.84 90	1.4455		29,910.98 62
Worker	16.1295	7.1026	113.6130	0.3428	39.6096	0.2439	39.8535	10.5068	0.2245	10.7313		34,164.33 24	34,164.33 24	0.6998		34,181.82 83
<b>Total</b>	<b>18.5895</b>	<b>99.8043</b>	<b>135.6533</b>	<b>0.6241</b>	<b>46.7551</b>	<b>0.3661</b>	<b>47.1212</b>	<b>12.5628</b>	<b>0.3414</b>	<b>12.9041</b>		<b>64,039.18 13</b>	<b>64,039.18 13</b>	<b>2.1453</b>		<b>64,092.81 45</b>

**3.5 Building Construction - 2026**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3674	91.0634	21.0371	0.2796	7.1450	0.1158	7.2608	2.0557	0.1108	2.1665		29,712.2131	29,712.2131	1.4299		29,747.9602
Worker	15.2678	6.4900	105.9011	0.3300	39.6096	0.2367	39.8463	10.5068	0.2179	10.7247		32,894.4105	32,894.4105	0.6374		32,910.3449
<b>Total</b>	<b>17.6353</b>	<b>97.5534</b>	<b>126.9383</b>	<b>0.6096</b>	<b>46.7546</b>	<b>0.3525</b>	<b>47.1071</b>	<b>12.5625</b>	<b>0.3287</b>	<b>12.8912</b>		<b>62,606.6235</b>	<b>62,606.6235</b>	<b>2.0673</b>		<b>62,658.3051</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3674	91.0634	21.0371	0.2796	7.1450	0.1158	7.2608	2.0557	0.1108	2.1665		29,712.2131	29,712.2131	1.4299		29,747.9602
Worker	15.2678	6.4900	105.9011	0.3300	39.6096	0.2367	39.8463	10.5068	0.2179	10.7247		32,894.4105	32,894.4105	0.6374		32,910.3449
<b>Total</b>	<b>17.6353</b>	<b>97.5534</b>	<b>126.9383</b>	<b>0.6096</b>	<b>46.7546</b>	<b>0.3525</b>	<b>47.1071</b>	<b>12.5625</b>	<b>0.3287</b>	<b>12.8912</b>		<b>62,606.6235</b>	<b>62,606.6235</b>	<b>2.0673</b>		<b>62,658.3051</b>

**3.5 Building Construction - 2027**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2027**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2860	89.5580	20.1654	0.2781	7.1445	0.1104	7.2549	2.0555	0.1056	2.1611		29,559.33 20	29,559.33 20	1.4147		29,594.69 88
Worker	14.4273	5.9401	98.9441	0.3186	39.6096	0.2251	39.8347	10.5068	0.2071	10.7140		31,759.114 3	31,759.114 3	0.5810		31,773.63 99
<b>Total</b>	<b>16.7133</b>	<b>95.4981</b>	<b>119.1095</b>	<b>0.5967</b>	<b>46.7541</b>	<b>0.3355</b>	<b>47.0896</b>	<b>12.5624</b>	<b>0.3127</b>	<b>12.8751</b>		<b>61,318.44 63</b>	<b>61,318.44 63</b>	<b>1.9957</b>		<b>61,368.33 87</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2027**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2860	89.5580	20.1654	0.2781	7.1445	0.1104	7.2549	2.0555	0.1056	2.1611		29,559.33 20	29,559.33 20	1.4147		29,594.69 88
Worker	14.4273	5.9401	98.9441	0.3186	39.6096	0.2251	39.8347	10.5068	0.2071	10.7140		31,759.114 3	31,759.114 3	0.5810		31,773.63 99
<b>Total</b>	<b>16.7133</b>	<b>95.4981</b>	<b>119.1095</b>	<b>0.5967</b>	<b>46.7541</b>	<b>0.3355</b>	<b>47.0896</b>	<b>12.5624</b>	<b>0.3127</b>	<b>12.8751</b>		<b>61,318.44 63</b>	<b>61,318.44 63</b>	<b>1.9957</b>		<b>61,368.33 87</b>

**3.5 Building Construction - 2028**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2028**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2142	88.2700	19.4314	0.2768	7.1441	0.1057	7.2497	2.0554	0.1010	2.1564		29,428.53 17	29,428.53 17	1.3993		29,463.51 46
Worker	13.5704	5.4520	92.8095	0.3084	39.6096	0.2100	39.8197	10.5068	0.1933	10.7001		30,752.23 19	30,752.23 19	0.5325		30,765.54 45
<b>Total</b>	<b>15.7846</b>	<b>93.7220</b>	<b>112.2409</b>	<b>0.5852</b>	<b>46.7537</b>	<b>0.3157</b>	<b>47.0694</b>	<b>12.5622</b>	<b>0.2943</b>	<b>12.8565</b>		<b>60,180.76 35</b>	<b>60,180.76 35</b>	<b>1.9318</b>		<b>60,229.05 90</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2028**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2142	88.2700	19.4314	0.2768	7.1441	0.1057	7.2497	2.0554	0.1010	2.1564		29,428.53 17	29,428.53 17	1.3993		29,463.51 46
Worker	13.5704	5.4520	92.8095	0.3084	39.6096	0.2100	39.8197	10.5068	0.1933	10.7001		30,752.23 19	30,752.23 19	0.5325		30,765.54 45
<b>Total</b>	<b>15.7846</b>	<b>93.7220</b>	<b>112.2409</b>	<b>0.5852</b>	<b>46.7537</b>	<b>0.3157</b>	<b>47.0694</b>	<b>12.5622</b>	<b>0.2943</b>	<b>12.8565</b>		<b>60,180.76 35</b>	<b>60,180.76 35</b>	<b>1.9318</b>		<b>60,229.05 90</b>

**3.5 Building Construction - 2029**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2029**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1493	87.0431	18.8196	0.2756	7.1437	0.1008	7.2445	2.0552	0.0964	2.1516		29,309.48 85	29,309.48 85	1.3840		29,344.08 90
Worker	12.6400	4.9975	86.9346	0.2994	39.6096	0.1956	39.8053	10.5068	0.1800	10.6868		29,860.97 93	29,860.97 93	0.4863		29,873.13 72
<b>Total</b>	<b>14.7894</b>	<b>92.0405</b>	<b>105.7541</b>	<b>0.5750</b>	<b>46.7533</b>	<b>0.2965</b>	<b>47.0498</b>	<b>12.5621</b>	<b>0.2764</b>	<b>12.8385</b>		<b>59,170.46 78</b>	<b>59,170.46 78</b>	<b>1.8703</b>		<b>59,217.22 62</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2029**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1493	87.0431	18.8196	0.2756	7.1437	0.1008	7.2445	2.0552	0.0964	2.1516		29,309.48 85	29,309.48 85	1.3840		29,344.08 90
Worker	12.6400	4.9975	86.9346	0.2994	39.6096	0.1956	39.8053	10.5068	0.1800	10.6868		29,860.97 93	29,860.97 93	0.4863		29,873.13 72
<b>Total</b>	<b>14.7894</b>	<b>92.0405</b>	<b>105.7541</b>	<b>0.5750</b>	<b>46.7533</b>	<b>0.2965</b>	<b>47.0498</b>	<b>12.5621</b>	<b>0.2764</b>	<b>12.8385</b>		<b>59,170.46 78</b>	<b>59,170.46 78</b>	<b>1.8703</b>		<b>59,217.22 62</b>

**3.5 Building Construction - 2030**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2030**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0910	85.8946	18.3174	0.2745	7.1433	0.0959	7.2393	2.0551	0.0917	2.1468		29,203.4112	29,203.4112	1.3682		29,237.6150
Worker	11.7378	4.5873	81.6563	0.2915	39.6096	0.1822	39.7919	10.5068	0.1677	10.6745		29,076.5183	29,076.5183	0.4453		29,087.6499
<b>Total</b>	<b>13.8288</b>	<b>90.4820</b>	<b>99.9736</b>	<b>0.5660</b>	<b>46.7529</b>	<b>0.2782</b>	<b>47.0311</b>	<b>12.5619</b>	<b>0.2594</b>	<b>12.8213</b>		<b>58,279.9295</b>	<b>58,279.9295</b>	<b>1.8134</b>		<b>58,325.2649</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2030**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0910	85.8946	18.3174	0.2745	7.1433	0.0959	7.2393	2.0551	0.0917	2.1468		29,203.4112	29,203.4112	1.3682		29,237.6150
Worker	11.7378	4.5873	81.6563	0.2915	39.6096	0.1822	39.7919	10.5068	0.1677	10.6745		29,076.5183	29,076.5183	0.4453		29,087.6499
<b>Total</b>	<b>13.8288</b>	<b>90.4820</b>	<b>99.9736</b>	<b>0.5660</b>	<b>46.7529</b>	<b>0.2782</b>	<b>47.0311</b>	<b>12.5619</b>	<b>0.2594</b>	<b>12.8213</b>		<b>58,279.9295</b>	<b>58,279.9295</b>	<b>1.8134</b>		<b>58,325.2649</b>

**3.5 Building Construction - 2031**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2031**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0415	84.8515	17.9069	0.2736	7.1431	0.0916	7.2346	2.0550	0.0875	2.1426		29,113.3521	29,113.3521	1.3545		29,147.2134
Worker	10.7871	4.2008	76.6390	0.2846	39.6096	0.1695	39.7791	10.5068	0.1559	10.6628		28,389.0747	28,389.0747	0.4069		28,399.2466
<b>Total</b>	<b>12.8286</b>	<b>89.0523</b>	<b>94.5459</b>	<b>0.5582</b>	<b>46.7527</b>	<b>0.2611</b>	<b>47.0138</b>	<b>12.5618</b>	<b>0.2435</b>	<b>12.8053</b>		<b>57,502.4269</b>	<b>57,502.4269</b>	<b>1.7613</b>		<b>57,546.4600</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2031**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0415	84.8515	17.9069	0.2736	7.1431	0.0916	7.2346	2.0550	0.0875	2.1426		29,113.35 21	29,113.35 21	1.3545		29,147.21 34
Worker	10.7871	4.2008	76.6390	0.2846	39.6096	0.1695	39.7791	10.5068	0.1559	10.6628		28,389.07 47	28,389.07 47	0.4069		28,399.24 66
<b>Total</b>	<b>12.8286</b>	<b>89.0523</b>	<b>94.5459</b>	<b>0.5582</b>	<b>46.7527</b>	<b>0.2611</b>	<b>47.0138</b>	<b>12.5618</b>	<b>0.2435</b>	<b>12.8053</b>		<b>57,502.42 69</b>	<b>57,502.42 69</b>	<b>1.7613</b>		<b>57,546.46 00</b>

**3.5 Building Construction - 2032**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2032**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0003	83.8808	17.5821	0.2729	7.1428	0.0880	7.2308	2.0549	0.0842	2.1391		29,039.9275	29,039.9275	1.3424		29,073.4867
Worker	9.9332	3.8672	72.2180	0.2785	39.6096	0.1577	39.7673	10.5068	0.1451	10.6519		27,790.7086	27,790.7086	0.3735		27,800.0452
<b>Total</b>	<b>11.9335</b>	<b>87.7480</b>	<b>89.8001</b>	<b>0.5514</b>	<b>46.7524</b>	<b>0.2457</b>	<b>46.9981</b>	<b>12.5617</b>	<b>0.2292</b>	<b>12.7910</b>		<b>56,830.6361</b>	<b>56,830.6361</b>	<b>1.7158</b>		<b>56,873.5319</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2032**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0003	83.8808	17.5821	0.2729	7.1428	0.0880	7.2308	2.0549	0.0842	2.1391		29,039.92 75	29,039.92 75	1.3424		29,073.48 67
Worker	9.9332	3.8672	72.2180	0.2785	39.6096	0.1577	39.7673	10.5068	0.1451	10.6519		27,790.70 86	27,790.70 86	0.3735		27,800.04 52
<b>Total</b>	<b>11.9335</b>	<b>87.7480</b>	<b>89.8001</b>	<b>0.5514</b>	<b>46.7524</b>	<b>0.2457</b>	<b>46.9981</b>	<b>12.5617</b>	<b>0.2292</b>	<b>12.7910</b>		<b>56,830.63 61</b>	<b>56,830.63 61</b>	<b>1.7158</b>		<b>56,873.53 19</b>

**3.5 Building Construction - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9655	83.0189	17.3066	0.2723	7.1426	0.0850	7.2276	2.0549	0.0813	2.1361		28,975.9678	28,975.9678	1.3317		29,009.2598
Worker	9.2326	3.5934	68.4882	0.2733	39.6096	0.1471	39.7567	10.5068	0.1353	10.6421		27,274.8129	27,274.8129	0.3456		27,283.4538
<b>Total</b>	<b>11.1980</b>	<b>86.6123</b>	<b>85.7949</b>	<b>0.5456</b>	<b>46.7522</b>	<b>0.2321</b>	<b>46.9843</b>	<b>12.5617</b>	<b>0.2166</b>	<b>12.7783</b>		<b>56,250.7807</b>	<b>56,250.7807</b>	<b>1.6773</b>		<b>56,292.7135</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9655	83.0189	17.3066	0.2723	7.1426	0.0850	7.2276	2.0549	0.0813	2.1361		28,975.9678	28,975.9678	1.3317		29,009.2598
Worker	9.2326	3.5934	68.4882	0.2733	39.6096	0.1471	39.7567	10.5068	0.1353	10.6421		27,274.8129	27,274.8129	0.3456		27,283.4538
<b>Total</b>	<b>11.1980</b>	<b>86.6123</b>	<b>85.7949</b>	<b>0.5456</b>	<b>46.7522</b>	<b>0.2321</b>	<b>46.9843</b>	<b>12.5617</b>	<b>0.2166</b>	<b>12.7783</b>		<b>56,250.7807</b>	<b>56,250.7807</b>	<b>1.6773</b>		<b>56,292.7135</b>

**3.5 Building Construction - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9333	82.2208	17.0558	0.2717	7.1424	0.0821	7.2245	2.0548	0.0785	2.1333		28,922.54 57	28,922.54 57	1.3217		28,955.58 75
Worker	8.5994	3.3595	64.9603	0.2688	39.6096	0.1372	39.7468	10.5068	0.1262	10.6330		26,829.18 53	26,829.18 53	0.3197		26,837.17 72
<b>Total</b>	<b>10.5327</b>	<b>85.5803</b>	<b>82.0161</b>	<b>0.5405</b>	<b>46.7520</b>	<b>0.2193</b>	<b>46.9713</b>	<b>12.5616</b>	<b>0.2047</b>	<b>12.7663</b>		<b>55,751.73 10</b>	<b>55,751.73 10</b>	<b>1.6414</b>		<b>55,792.76 47</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9333	82.2208	17.0558	0.2717	7.1424	0.0821	7.2245	2.0548	0.0785	2.1333		28,922.54 57	28,922.54 57	1.3217		28,955.58 75
Worker	8.5994	3.3595	64.9603	0.2688	39.6096	0.1372	39.7468	10.5068	0.1262	10.6330		26,829.18 53	26,829.18 53	0.3197		26,837.17 72
<b>Total</b>	<b>10.5327</b>	<b>85.5803</b>	<b>82.0161</b>	<b>0.5405</b>	<b>46.7520</b>	<b>0.2193</b>	<b>46.9713</b>	<b>12.5616</b>	<b>0.2047</b>	<b>12.7663</b>		<b>55,751.73 10</b>	<b>55,751.73 10</b>	<b>1.6414</b>		<b>55,792.76 47</b>

**3.5 Building Construction - 2035**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2035**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.69 55	28,878.69 55	1.3123		28,911.503 4
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.12 62	26,450.12 62	0.2977		26,457.56 83
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.82 17</b>	<b>55,328.82 17</b>	<b>1.6100</b>		<b>55,369.07 17</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2035**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.69 55	28,878.69 55	1.3123		28,911.503 4
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.12 62	26,450.12 62	0.2977		26,457.56 83
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.82 17</b>	<b>55,328.82 17</b>	<b>1.6100</b>		<b>55,369.07 17</b>

**3.5 Building Construction - 2036**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2036**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.69 55	28,878.69 55	1.3123		28,911.50 34
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.12 62	26,450.12 62	0.2977		26,457.56 83
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.82 17</b>	<b>55,328.82 17</b>	<b>1.6100</b>		<b>55,369.07 17</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2036**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.6955	28,878.6955	1.3123		28,911.5034
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.1262	26,450.1262	0.2977		26,457.5683
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.8217</b>	<b>55,328.8217</b>	<b>1.6100</b>		<b>55,369.0717</b>

**3.5 Building Construction - 2037**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2037**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.69 55	28,878.69 55	1.3123		28,911.503 4
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.12 62	26,450.12 62	0.2977		26,457.56 83
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.82 17</b>	<b>55,328.82 17</b>	<b>1.6100</b>		<b>55,369.07 17</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2037**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.69 55	28,878.69 55	1.3123		28,911.503 4
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.12 62	26,450.12 62	0.2977		26,457.56 83
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.82 17</b>	<b>55,328.82 17</b>	<b>1.6100</b>		<b>55,369.07 17</b>

**3.5 Building Construction - 2038**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2038**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.69 55	28,878.69 55	1.3123		28,911.503 4
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.12 62	26,450.12 62	0.2977		26,457.56 83
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.82 17</b>	<b>55,328.82 17</b>	<b>1.6100</b>		<b>55,369.07 17</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2038**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.69 55	28,878.69 55	1.3123		28,911.503 4
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.12 62	26,450.12 62	0.2977		26,457.56 83
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.82 17</b>	<b>55,328.82 17</b>	<b>1.6100</b>		<b>55,369.07 17</b>

**3.5 Building Construction - 2039**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2039**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.6955	28,878.6955	1.3123		28,911.5034
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.1262	26,450.1262	0.2977		26,457.5683
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.8217</b>	<b>55,328.8217</b>	<b>1.6100</b>		<b>55,369.0717</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2039**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.6955	28,878.6955	1.3123		28,911.5034
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.1262	26,450.1262	0.2977		26,457.5683
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.8217</b>	<b>55,328.8217</b>	<b>1.6100</b>		<b>55,369.0717</b>

**3.5 Building Construction - 2040**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>		<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2040**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.8191	79.1739	16.2195	0.2705	7.1417	0.0738	7.2155	2.0545	0.0705	2.1250		28,798.40 52	28,798.40 52	1.2761		28,830.30 76
Worker	6.0265	2.5948	52.5826	0.2533	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		25,301.01 37	25,301.01 37	0.2305		25,306.77 67
<b>Total</b>	<b>7.8456</b>	<b>81.7687</b>	<b>68.8021</b>	<b>0.5238</b>	<b>46.7513</b>	<b>0.1721</b>	<b>46.9234</b>	<b>12.5613</b>	<b>0.1610</b>	<b>12.7223</b>		<b>54,099.41 89</b>	<b>54,099.41 89</b>	<b>1.5066</b>		<b>54,137.08 43</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>	<b>0.0000</b>	<b>2,897.547 1</b>	<b>2,897.547 1</b>	<b>0.1041</b>		<b>2,900.150 3</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2040**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.8191	79.1739	16.2195	0.2705	7.1417	0.0738	7.2155	2.0545	0.0705	2.1250		28,798.40 52	28,798.40 52	1.2761		28,830.30 76
Worker	6.0265	2.5948	52.5826	0.2533	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		25,301.01 37	25,301.01 37	0.2305		25,306.77 67
<b>Total</b>	<b>7.8456</b>	<b>81.7687</b>	<b>68.8021</b>	<b>0.5238</b>	<b>46.7513</b>	<b>0.1721</b>	<b>46.9234</b>	<b>12.5613</b>	<b>0.1610</b>	<b>12.7223</b>		<b>54,099.41 89</b>	<b>54,099.41 89</b>	<b>1.5066</b>		<b>54,137.08 43</b>

**3.5 Building Construction - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>		<b>2,897.547 1</b>	<b>2,897.547 1</b>	<b>0.1041</b>		<b>2,900.150 3</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.8191	79.1739	16.2195	0.2705	7.1417	0.0738	7.2155	2.0545	0.0705	2.1250		28,798.40 52	28,798.40 52	1.2761		28,830.30 76
Worker	6.0265	2.5948	52.5826	0.2533	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		25,301.01 37	25,301.01 37	0.2305		25,306.77 67
<b>Total</b>	<b>7.8456</b>	<b>81.7687</b>	<b>68.8021</b>	<b>0.5238</b>	<b>46.7513</b>	<b>0.1721</b>	<b>46.9234</b>	<b>12.5613</b>	<b>0.1610</b>	<b>12.7223</b>		<b>54,099.41 89</b>	<b>54,099.41 89</b>	<b>1.5066</b>		<b>54,137.08 43</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>	<b>0.0000</b>	<b>2,897.547 1</b>	<b>2,897.547 1</b>	<b>0.1041</b>		<b>2,900.150 3</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.8191	79.1739	16.2195	0.2705	7.1417	0.0738	7.2155	2.0545	0.0705	2.1250		28,798.40 52	28,798.40 52	1.2761		28,830.30 76
Worker	6.0265	2.5948	52.5826	0.2533	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		25,301.01 37	25,301.01 37	0.2305		25,306.77 67
<b>Total</b>	<b>7.8456</b>	<b>81.7687</b>	<b>68.8021</b>	<b>0.5238</b>	<b>46.7513</b>	<b>0.1721</b>	<b>46.9234</b>	<b>12.5613</b>	<b>0.1610</b>	<b>12.7223</b>		<b>54,099.41 89</b>	<b>54,099.41 89</b>	<b>1.5066</b>		<b>54,137.08 43</b>

**3.6 Paving - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.516 8	2,656.516 8	0.0893		2,658.748 9
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>		<b>2,656.516 8</b>	<b>2,656.516 8</b>	<b>0.0893</b>		<b>2,658.748 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.6 Paving - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0174	7.4700e-003	0.1515	7.3000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		72.8856	72.8856	6.6000e-004		72.9022
<b>Total</b>	<b>0.0174</b>	<b>7.4700e-003</b>	<b>0.1515</b>	<b>7.3000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>72.8856</b>	<b>72.8856</b>	<b>6.6000e-004</b>		<b>72.9022</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.6 Paving - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0174	7.4700e-003	0.1515	7.3000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		72.8856	72.8856	6.6000e-004		72.9022
<b>Total</b>	<b>0.0174</b>	<b>7.4700e-003</b>	<b>0.1515</b>	<b>7.3000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>72.8856</b>	<b>72.8856</b>	<b>6.6000e-004</b>		<b>72.9022</b>

**3.6 Paving - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>		<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.6 Paving - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0174	7.4700e-003	0.1515	7.3000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		72.8856	72.8856	6.6000e-004		72.9022
<b>Total</b>	<b>0.0174</b>	<b>7.4700e-003</b>	<b>0.1515</b>	<b>7.3000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>72.8856</b>	<b>72.8856</b>	<b>6.6000e-004</b>		<b>72.9022</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.6 Paving - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0174	7.4700e-003	0.1515	7.3000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		72.8856	72.8856	6.6000e-004		72.9022
<b>Total</b>	<b>0.0174</b>	<b>7.4700e-003</b>	<b>0.1515</b>	<b>7.3000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>72.8856</b>	<b>72.8856</b>	<b>6.6000e-004</b>		<b>72.9022</b>

**3.7 Architectural Coating - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.2048	0.5188	10.5125	0.0507	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		5,058.259 1	5,058.259 1	0.0461		5,059.4113
<b>Total</b>	<b>1.2048</b>	<b>0.5188</b>	<b>10.5125</b>	<b>0.0507</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>5,058.259 1</b>	<b>5,058.259 1</b>	<b>0.0461</b>		<b>5,059.411 3</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.2048	0.5188	10.5125	0.0507	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		5,058.259 1	5,058.259 1	0.0461		5,059.4113
<b>Total</b>	<b>1.2048</b>	<b>0.5188</b>	<b>10.5125</b>	<b>0.0507</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>5,058.259 1</b>	<b>5,058.259 1</b>	<b>0.0461</b>		<b>5,059.411 3</b>

**3.7 Architectural Coating - 2043**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2043**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.2048	0.5188	10.5125	0.0507	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		5,058.259 1	5,058.259 1	0.0461		5,059.4113
<b>Total</b>	<b>1.2048</b>	<b>0.5188</b>	<b>10.5125</b>	<b>0.0507</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>5,058.259 1</b>	<b>5,058.259 1</b>	<b>0.0461</b>		<b>5,059.411 3</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2043**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.2048	0.5188	10.5125	0.0507	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		5,058.259 1	5,058.259 1	0.0461		5,059.4113
<b>Total</b>	<b>1.2048</b>	<b>0.5188</b>	<b>10.5125</b>	<b>0.0507</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>5,058.259 1</b>	<b>5,058.259 1</b>	<b>0.0461</b>		<b>5,059.411 3</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Integrate Below Market Rate Housing

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	46.5717	181.3661	368.5582	1.5749	170.3417	0.7824	171.1241	45.4786	0.7266	46.2052		160,621.2080	160,621.2080	6.0219		160,771.7547
Unmitigated	46.7006	181.9336	372.0580	1.5920	172.4106	0.7899	173.2004	46.0310	0.7335	46.7645		162,360.3128	162,360.3128	6.0713		162,512.0965

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	10,972.35	11,921.40	10106.55	13,501,464	13,339,447
Apartments Mid Rise	20,515.25	19,713.15	18078.10	34,799,150	34,381,560
City Park	150.26	1,808.63	1330.83	1,025,459	1,013,153
Condo/Townhouse	871.50	850.50	726.00	2,175,327	2,149,223
Elementary School	1,535.29	0.00	0.00	2,306,054	2,278,381
General Light Industry	1,290.84	244.46	125.94	2,696,455	2,664,098
Racquet Club	883.89	1,345.05	1096.20	1,294,152	1,278,622
Regional Shopping Center	10,419.65	12,193.68	6159.06	14,063,079	13,894,322
<b>Total</b>	<b>46,639.03</b>	<b>48,076.87</b>	<b>37,622.68</b>	<b>71,861,140</b>	<b>70,998,807</b>

4.3 Trip Type Information



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	1.10	5.00	6.50	46.50	12.50	41.00	86	11	3
Apartments Mid Rise	4.47	5.00	6.50	46.50	12.50	41.00	86	11	3
City Park	10.00	5.00	6.50	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Elementary School	10.00	5.00	6.50	65.00	30.00	5.00	63	25	12
General Light Industry	10.00	5.00	6.50	59.00	28.00	13.00	92	5	3
Racquet Club	10.00	5.00	6.50	11.50	69.50	19.00	52	39	9
Regional Shopping Center	10.00	5.00	6.50	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Apartments Mid Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
City Park	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Condo/Townhouse	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Elementary School	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
General Light Industry	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Racquet Club	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Regional Shopping Center	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.9214	16.6078	8.3729	0.1048		1.3275	1.3275		1.3275	1.3275		20,960.1757	20,960.1757	0.4017	0.3843	21,084.7316
NaturalGas Unmitigated	1.9214	16.6078	8.3729	0.1048		1.3275	1.3275		1.3275	1.3275		20,960.1757	20,960.1757	0.4017	0.3843	21,084.7316

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	55190.1	0.5952	5.0861	2.1643	0.0325		0.4112	0.4112		0.4112	0.4112		6,492.9472	6,492.9472	0.1245	0.1190	6,531.5316
Apartments Mid Rise	82391.5	0.8885	7.5929	3.2310	0.0485		0.6139	0.6139		0.6139	0.6139		9,693.1148	9,693.1148	0.1858	0.1777	9,750.7161
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	8445.72	0.0911	0.7783	0.3312	4.9700e-003		0.0629	0.0629		0.0629	0.0629		993.6140	993.6140	0.0190	0.0182	999.5186
Elementary School	4159.92	0.0449	0.4078	0.3426	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.4021	489.4021	9.3800e-003	8.9700e-003	492.3104
General Light Industry	18169.9	0.1960	1.7814	1.4963	0.0107		0.1354	0.1354		0.1354	0.1354		2,137.6348	2,137.6348	0.0410	0.0392	2,150.3377
Racquet Club	6180.9	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3623.53	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.9214</b>	<b>16.6078</b>	<b>8.3729</b>	<b>0.1048</b>		<b>1.3275</b>	<b>1.3275</b>		<b>1.3275</b>	<b>1.3275</b>		<b>20,960.1757</b>	<b>20,960.1757</b>	<b>0.4017</b>	<b>0.3843</b>	<b>21,084.7316</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	55.1901	0.5952	5.0861	2.1643	0.0325		0.4112	0.4112		0.4112	0.4112		6,492.9472	6,492.9472	0.1245	0.1190	6,531.5316
Apartments Mid Rise	82.3915	0.8885	7.5929	3.2310	0.0485		0.6139	0.6139		0.6139	0.6139		9,693.1148	9,693.1148	0.1858	0.1777	9,750.7161
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	8.44572	0.0911	0.7783	0.3312	4.9700e-003		0.0629	0.0629		0.0629	0.0629		993.6140	993.6140	0.0190	0.0182	999.5186
Elementary School	4.15992	0.0449	0.4078	0.3426	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.4021	489.4021	9.3800e-003	8.9700e-003	492.3104
General Light Industry	18.1699	0.1960	1.7814	1.4963	0.0107		0.1354	0.1354		0.1354	0.1354		2,137.6348	2,137.6348	0.0410	0.0392	2,150.3377
Racquet Club	6.1809	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3.62353	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.9214</b>	<b>16.6078</b>	<b>8.3729</b>	<b>0.1048</b>		<b>1.3275</b>	<b>1.3275</b>		<b>1.3275</b>	<b>1.3275</b>		<b>20,960.1757</b>	<b>20,960.1757</b>	<b>0.4017</b>	<b>0.3843</b>	<b>21,084.7316</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Unmitigated	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.3031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.7012					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0509	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421		728.0532	728.0532	0.6933		745.3858
<b>Total</b>	<b>148.0552</b>	<b>4.6482</b>	<b>402.9034</b>	<b>0.0214</b>		<b>2.2421</b>	<b>2.2421</b>		<b>2.2421</b>	<b>2.2421</b>	<b>0.0000</b>	<b>728.0532</b>	<b>728.0532</b>	<b>0.6933</b>	<b>0.0000</b>	<b>745.3858</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.3031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.7012					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0509	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421		728.0532	728.0532	0.6933		745.3858
<b>Total</b>	<b>148.0552</b>	<b>4.6482</b>	<b>402.9034</b>	<b>0.0214</b>		<b>2.2421</b>	<b>2.2421</b>		<b>2.2421</b>	<b>2.2421</b>	<b>0.0000</b>	<b>728.0532</b>	<b>728.0532</b>	<b>0.6933</b>	<b>0.0000</b>	<b>745.3858</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

**West Broadway Future\_VMT Adj\_incl Project Features and Miti  
Sacramento County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	99.50	1000sqft	2.28	99,500.00	0
General Light Industry	185.20	1000sqft	4.25	185,200.00	0
City Park	79.50	Acre	79.50	3,463,020.00	0
Racquet Club	63.00	1000sqft	1.45	63,000.00	0
Apartments Low Rise	1,665.00	Dwelling Unit	104.06	1,665,000.00	4446
Apartments Mid Rise	3,085.00	Dwelling Unit	81.18	3,085,000.00	8237
Condo/Townhouse	150.00	Dwelling Unit	9.38	150,000.00	401
Regional Shopping Center	244.02	1000sqft	5.60	244,020.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.5	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	6			<b>Operational Year</b>	2035
<b>Utility Company</b>	Sacramento Municipal Utility District				
<b>CO2 Intensity (lb/MWhr)</b>	143.85	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**



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Mobile Land Use Mitigation -

Area Mitigation -

Project Characteristics -

Table Name	Column Name	Default Value	New Value
tblEnergyUse	T24E	511.12	240.23
tblEnergyUse	T24E	460.92	428.66
tblEnergyUse	T24E	381.61	354.90
tblEnergyUse	T24E	3.41	2.39
tblEnergyUse	T24E	3.26	2.28
tblEnergyUse	T24NG	9,411.72	9,129.37
tblEnergyUse	T24NG	7,061.10	6,849.27
tblEnergyUse	T24NG	17,864.25	17,328.32
tblProjectCharacteristics	CO2IntensityFactor	590.31	143.85
tblVehicleTrips	HW_TL	10.00	1.10
tblVehicleTrips	HW_TL	10.00	4.47

## 2.0 Emissions Summary

### 2.1 Overall Construction

#### Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.4447	4.4848	2.9336	5.5800e-003	0.1254	0.2179	0.3433	0.0217	0.2025	0.2242	0.0000	492.9156	492.9156	0.1281	0.0000	496.1183

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.5087	5.2624	3.0406	5.7100e-003	2.4108	0.2563	2.6671	1.0400	0.2361	1.2761	0.0000	502.3455	502.3455	0.1541	0.0000	506.1974
2022	0.4796	5.0549	3.8359	8.2400e-003	1.4184	0.2127	1.6311	0.5020	0.1957	0.6976	0.0000	724.7075	724.7075	0.2297	0.0000	730.4493
2023	1.2582	8.7494	9.8508	0.0367	3.3302	0.1691	3.4993	0.9346	0.1565	1.0911	0.0000	3,381.914 3	3,381.914 3	0.2721	0.0000	3,388.716 2
2024	2.4778	15.4216	18.8553	0.0825	5.9193	0.1303	6.0496	1.5953	0.1222	1.7175	0.0000	7,659.979 2	7,659.979 2	0.3334	0.0000	7,668.313 2
2025	2.3332	14.9008	17.6099	0.0803	5.8966	0.1171	6.0138	1.5891	0.1098	1.6990	0.0000	7,458.451 2	7,458.451 2	0.3220	0.0000	7,466.499 9
2026	2.2257	14.5924	16.6078	0.0786	5.8966	0.1153	6.0119	1.5891	0.1081	1.6972	0.0000	7,303.708 0	7,303.708 0	0.3134	0.0000	7,311.5434
2027	2.1217	14.3107	15.7078	0.0770	5.8965	0.1130	6.0095	1.5891	0.1060	1.6950	0.0000	7,164.330 7	7,164.330 7	0.3056	0.0000	7,171.970 2
2028	2.0079	14.0142	14.8617	0.0753	5.8739	0.1100	5.9838	1.5830	0.1031	1.6861	0.0000	7,014.240 4	7,014.240 4	0.2974	0.0000	7,021.674 9
2029	1.9017	13.8384	14.1738	0.0744	5.8964	0.1078	6.0042	1.5891	0.1011	1.6902	0.0000	6,931.744 3	6,931.744 3	0.2917	0.0000	6,939.037 5
2030	1.7846	13.0338	13.5195	0.0739	5.8964	0.0559	5.9522	1.5890	0.0534	1.6425	0.0000	6,875.519 3	6,875.519 3	0.2280	0.0000	6,881.219 4
2031	1.6701	12.8385	12.8956	0.0729	5.8963	0.0536	5.9499	1.5890	0.0513	1.6403	0.0000	6,791.105 4	6,791.105 4	0.2222	0.0000	6,796.660 7
2032	1.5743	12.7095	12.3985	0.0724	5.9189	0.0518	5.9707	1.5951	0.0496	1.6447	0.0000	6,743.912 4	6,743.912 4	0.2180	0.0000	6,749.361 9
2033	1.4794	12.4586	11.8468	0.0711	5.8737	0.0496	5.9233	1.5829	0.0476	1.6305	0.0000	6,629.699 6	6,629.699 6	0.2120	0.0000	6,635.000 5
2034	1.4062	12.3190	11.4158	0.0705	5.8736	0.0479	5.9216	1.5829	0.0460	1.6289	0.0000	6,575.693 4	6,575.693 4	0.2080	0.0000	6,580.894 3
2035	1.3358	12.1449	11.0853	0.0703	5.8962	0.0391	5.9353	1.5890	0.0373	1.6262	0.0000	6,555.053 7	6,555.053 7	0.2043	0.0000	6,560.162 2
2036	1.3409	12.1914	11.1277	0.0706	5.9188	0.0392	5.9580	1.5951	0.0374	1.6325	0.0000	6,580.168 8	6,580.168 8	0.2051	0.0000	6,585.296 9
2037	1.3358	12.1449	11.0853	0.0703	5.8962	0.0391	5.9353	1.5890	0.0373	1.6262	0.0000	6,555.053 7	6,555.053 7	0.2043	0.0000	6,560.162 2
2038	1.3358	12.1449	11.0853	0.0703	5.8962	0.0391	5.9353	1.5890	0.0373	1.6262	0.0000	6,555.053 7	6,555.053 7	0.2043	0.0000	6,560.162 2

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2039	1.3307	12.0983	11.0428	0.0700	5.8736	0.0389	5.9125	1.5829	0.0371	1.6200	0.0000	6,529.9385	6,529.9385	0.2036	0.0000	6,535.0275
2040	1.1018	11.7134	9.9419	0.0688	5.8961	0.0322	5.9283	1.5890	0.0307	1.6197	0.0000	6,421.9510	6,421.9510	0.1922	0.0000	6,426.7554
2041	0.5641	5.4717	5.5743	0.0327	2.6285	0.0228	2.6513	0.7083	0.0221	0.7304	0.0000	3,033.2517	3,033.2517	0.0913	0.0000	3,035.5347
2042	7.8331	0.3882	1.8685	4.5100e-003	0.3007	0.0118	0.3125	0.0800	0.0118	0.0917	0.0000	395.6425	395.6425	9.2700e-003	0.0000	395.8742
2043	25.8618	0.1645	1.3167	6.1900e-003	0.9710	3.4400e-003	0.9744	0.2583	3.2400e-003	0.2615	0.0000	558.7927	558.7927	5.7700e-003	0.0000	558.9369
<b>Maximum</b>	<b>25.8618</b>	<b>15.4216</b>	<b>18.8553</b>	<b>0.0825</b>	<b>5.9193</b>	<b>0.2563</b>	<b>6.0496</b>	<b>1.5953</b>	<b>0.2361</b>	<b>1.7175</b>	<b>0.0000</b>	<b>7,659.9792</b>	<b>7,659.9792</b>	<b>0.3334</b>	<b>0.0000</b>	<b>7,668.3132</b>

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.4447	4.4848	2.9335	5.5800e-003	0.1254	0.2179	0.3433	0.0217	0.2025	0.2242	0.0000	492.9151	492.9151	0.1281	0.0000	496.1178
2021	0.5087	5.2624	3.0406	5.7100e-003	2.4108	0.2563	2.6671	1.0400	0.2361	1.2761	0.0000	502.3450	502.3450	0.1541	0.0000	506.1968
2022	0.4796	5.0549	3.8359	8.2400e-003	1.4184	0.2127	1.6311	0.5020	0.1957	0.6976	0.0000	724.7066	724.7066	0.2297	0.0000	730.4485
2023	1.2582	8.7494	9.8508	0.0367	3.3302	0.1691	3.4993	0.9346	0.1565	1.0911	0.0000	3,381.9136	3,381.9136	0.2721	0.0000	3,388.7155
2024	2.4778	15.4216	18.8553	0.0825	5.9193	0.1303	6.0496	1.5953	0.1222	1.7175	0.0000	7,659.9788	7,659.9788	0.3334	0.0000	7,668.3128
2025	2.3332	14.9008	17.6099	0.0803	5.8966	0.1171	6.0138	1.5891	0.1098	1.6990	0.0000	7,458.4509	7,458.4509	0.3220	0.0000	7,466.4996

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2026	2.2257	14.5924	16.6078	0.0786	5.8966	0.1153	6.0119	1.5891	0.1081	1.6972	0.0000	7,303.707 6	7,303.707 6	0.3134	0.0000	7,311.543 1
2027	2.1217	14.3107	15.7078	0.0770	5.8965	0.1130	6.0095	1.5891	0.1060	1.6950	0.0000	7,164.330 4	7,164.330 4	0.3056	0.0000	7,171.969 8
2028	2.0079	14.0142	14.8617	0.0753	5.8739	0.1100	5.9838	1.5830	0.1031	1.6861	0.0000	7,014.240 0	7,014.240 0	0.2974	0.0000	7,021.674 5
2029	1.9017	13.8384	14.1738	0.0744	5.8964	0.1078	6.0042	1.5891	0.1011	1.6902	0.0000	6,931.744 0	6,931.744 0	0.2917	0.0000	6,939.037 1
2030	1.7846	13.0338	13.5195	0.0739	5.8964	0.0559	5.9522	1.5890	0.0534	1.6425	0.0000	6,875.518 9	6,875.518 9	0.2280	0.0000	6,881.219 0
2031	1.6701	12.8385	12.8956	0.0729	5.8963	0.0536	5.9499	1.5890	0.0513	1.6403	0.0000	6,791.105 0	6,791.105 0	0.2222	0.0000	6,796.660 3
2032	1.5743	12.7095	12.3985	0.0724	5.9189	0.0518	5.9707	1.5951	0.0496	1.6447	0.0000	6,743.912 0	6,743.912 0	0.2180	0.0000	6,749.361 5
2033	1.4794	12.4586	11.8468	0.0711	5.8737	0.0496	5.9233	1.5829	0.0476	1.6305	0.0000	6,629.699 2	6,629.699 2	0.2120	0.0000	6,635.000 1
2034	1.4062	12.3190	11.4158	0.0705	5.8736	0.0479	5.9216	1.5829	0.0460	1.6289	0.0000	6,575.693 0	6,575.693 0	0.2080	0.0000	6,580.893 9
2035	1.3358	12.1449	11.0853	0.0703	5.8962	0.0391	5.9353	1.5890	0.0373	1.6262	0.0000	6,555.053 3	6,555.053 3	0.2043	0.0000	6,560.161 8
2036	1.3409	12.1914	11.1277	0.0706	5.9188	0.0392	5.9580	1.5951	0.0374	1.6325	0.0000	6,580.168 4	6,580.168 4	0.2051	0.0000	6,585.296 5
2037	1.3358	12.1449	11.0853	0.0703	5.8962	0.0391	5.9353	1.5890	0.0373	1.6262	0.0000	6,555.053 3	6,555.053 3	0.2043	0.0000	6,560.161 8
2038	1.3358	12.1449	11.0853	0.0703	5.8962	0.0391	5.9353	1.5890	0.0373	1.6262	0.0000	6,555.053 3	6,555.053 3	0.2043	0.0000	6,560.161 8
2039	1.3307	12.0983	11.0428	0.0700	5.8736	0.0389	5.9125	1.5829	0.0371	1.6200	0.0000	6,529.938 1	6,529.938 1	0.2036	0.0000	6,535.027 0
2040	1.1018	11.7134	9.9418	0.0688	5.8961	0.0322	5.9283	1.5890	0.0307	1.6197	0.0000	6,421.950 6	6,421.950 6	0.1922	0.0000	6,426.755 0
2041	0.5641	5.4717	5.5743	0.0327	2.6285	0.0228	2.6513	0.7083	0.0221	0.7304	0.0000	3,033.251 3	3,033.251 3	0.0913	0.0000	3,035.534 4
2042	7.8331	0.3882	1.8685	4.5100e-003	0.3007	0.0118	0.3125	0.0800	0.0118	0.0917	0.0000	395.6422	395.6422	9.2700e-003	0.0000	395.8739
2043	25.8618	0.1645	1.3167	6.1900e-003	0.9710	3.4400e-003	0.9744	0.2583	3.2400e-003	0.2615	0.0000	558.7927	558.7927	5.7700e-003	0.0000	558.9368

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Maximum	25.8618	15.4216	18.8553	0.0825	5.9193	0.2563	6.0496	1.5953	0.2361	1.7175	0.0000	7,659.9788	7,659.9788	0.3334	0.0000	7,668.3128
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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2020	3-31-2020	1.2234	1.2234
2	4-1-2020	6-30-2020	1.2220	1.2220
3	7-1-2020	9-30-2020	1.2354	1.2354
4	10-1-2020	12-31-2020	1.2369	1.2369
5	1-1-2021	3-31-2021	1.2595	1.2595
6	4-1-2021	6-30-2021	1.4461	1.4461
7	7-1-2021	9-30-2021	1.4620	1.4620
8	10-1-2021	12-31-2021	1.5931	1.5931
9	1-1-2022	3-31-2022	1.3687	1.3687
10	4-1-2022	6-30-2022	1.3839	1.3839
11	7-1-2022	9-30-2022	1.3991	1.3991
12	10-1-2022	12-31-2022	1.3992	1.3992
13	1-1-2023	3-31-2023	1.2196	1.2196
14	4-1-2023	6-30-2023	1.2331	1.2331
15	7-1-2023	9-30-2023	2.9518	2.9518
16	10-1-2023	12-31-2023	4.7158	4.7158
17	1-1-2024	3-31-2024	4.5005	4.5005
18	4-1-2024	6-30-2024	4.4467	4.4467
19	7-1-2024	9-30-2024	4.4955	4.4955
20	10-1-2024	12-31-2024	4.5500	4.5500
21	1-1-2025	3-31-2025	4.2998	4.2998

## West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

22	4-1-2025	6-30-2025	4.2975	4.2975
23	7-1-2025	9-30-2025	4.3447	4.3447
24	10-1-2025	12-31-2025	4.3953	4.3953
25	1-1-2026	3-31-2026	4.1940	4.1940
26	4-1-2026	6-30-2026	4.1933	4.1933
27	7-1-2026	9-30-2026	4.2394	4.2394
28	10-1-2026	12-31-2026	4.2872	4.2872
29	1-1-2027	3-31-2027	4.0957	4.0957
30	4-1-2027	6-30-2027	4.0966	4.0966
31	7-1-2027	9-30-2027	4.1416	4.1416
32	10-1-2027	12-31-2027	4.1867	4.1867
33	1-1-2028	3-31-2028	4.0511	4.0511
34	4-1-2028	6-30-2028	4.0087	4.0087
35	7-1-2028	9-30-2028	4.0527	4.0527
36	10-1-2028	12-31-2028	4.0956	4.0956
37	1-1-2029	3-31-2029	3.9186	3.9186
38	4-1-2029	6-30-2029	3.9217	3.9217
39	7-1-2029	9-30-2029	3.9648	3.9648
40	10-1-2029	12-31-2029	4.0057	4.0057
41	1-1-2030	3-31-2030	3.6884	3.6884
42	4-1-2030	6-30-2030	3.6905	3.6905
43	7-1-2030	9-30-2030	3.7311	3.7311
44	10-1-2030	12-31-2030	3.7704	3.7704
45	1-1-2031	3-31-2031	3.6088	3.6088
46	4-1-2031	6-30-2031	3.6116	3.6116
47	7-1-2031	9-30-2031	3.6512	3.6512
48	10-1-2031	12-31-2031	3.6890	3.6890

## West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

49	1-1-2032	3-31-2032	3.5765	3.5765
50	4-1-2032	6-30-2032	3.5401	3.5401
51	7-1-2032	9-30-2032	3.5790	3.5790
52	10-1-2032	12-31-2032	3.6158	3.6158
53	1-1-2033	3-31-2033	3.4764	3.4764
54	4-1-2033	6-30-2033	3.4793	3.4793
55	7-1-2033	9-30-2033	3.5175	3.5175
56	10-1-2033	12-31-2033	3.5537	3.5537
57	1-1-2034	3-31-2034	3.4219	3.4219
58	4-1-2034	6-30-2034	3.4241	3.4241
59	7-1-2034	9-30-2034	3.4617	3.4617
60	10-1-2034	12-31-2034	3.4980	3.4980
61	1-1-2035	3-31-2035	3.3472	3.3472
62	4-1-2035	6-30-2035	3.3483	3.3483
63	7-1-2035	9-30-2035	3.3851	3.3851
64	10-1-2035	12-31-2035	3.4216	3.4216
65	1-1-2036	3-31-2036	3.3844	3.3844
66	4-1-2036	6-30-2036	3.3483	3.3483
67	7-1-2036	9-30-2036	3.3851	3.3851
68	10-1-2036	12-31-2036	3.4216	3.4216
69	1-1-2037	3-31-2037	3.3472	3.3472
70	4-1-2037	6-30-2037	3.3483	3.3483
71	7-1-2037	9-30-2037	3.3851	3.3851
72	10-1-2037	12-31-2037	3.4216	3.4216
73	1-1-2038	3-31-2038	3.3472	3.3472
74	4-1-2038	6-30-2038	3.3483	3.3483
75	7-1-2038	9-30-2038	3.3851	3.3851

## West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

76	10-1-2038	12-31-2038	3.4216	3.4216
77	1-1-2039	3-31-2039	3.3472	3.3472
78	4-1-2039	6-30-2039	3.3483	3.3483
79	7-1-2039	9-30-2039	3.3851	3.3851
80	10-1-2039	12-31-2039	3.4216	3.4216
81	1-1-2040	3-31-2040	3.2133	3.2133
82	4-1-2040	6-30-2040	3.1753	3.1753
83	7-1-2040	9-30-2040	3.2102	3.2102
84	10-1-2040	12-31-2040	3.2486	3.2486
85	1-1-2041	3-31-2041	3.1780	3.1780
86	4-1-2041	6-30-2041	2.5442	2.5442
87	7-1-2041	9-30-2041	0.1542	0.1542
88	10-1-2041	12-31-2041	0.1542	0.1542
89	1-1-2042	3-31-2042	0.1509	0.1509
90	4-1-2042	6-30-2042	0.1525	0.1525
91	7-1-2042	9-30-2042	1.1558	1.1558
92	10-1-2042	12-31-2042	6.7389	6.7389
93	1-1-2043	3-31-2043	6.5924	6.5924
94	4-1-2043	6-30-2043	6.6628	6.6628
95	7-1-2043	9-30-2043	6.7360	6.7360
		Highest	6.7389	6.7389



West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	26.3271	0.5810	50.3629	2.6700e-003		0.2803	0.2803		0.2803	0.2803	0.0000	82.5598	82.5598	0.0786	0.0000	84.5253
Energy	0.3442	2.9755	1.5045	0.0188		0.2378	0.2378		0.2378	0.2378	0.0000	5,223.2722	5,223.2722	0.4317	0.1382	5,275.2600
Mobile	5.6692	29.7395	54.1924	0.2377	26.7438	0.1271	26.8710	7.1605	0.1181	7.2786	0.0000	22,018.6311	22,018.6311	0.8863	0.0000	22,040.7880
Waste						0.0000	0.0000		0.0000	0.0000	656.7082	0.0000	656.7082	38.8104	0.0000	1,626.9669
Water						0.0000	0.0000		0.0000	0.0000	136.8393	198.0850	334.9243	0.5109	0.3058	438.8385
<b>Total</b>	<b>32.3405</b>	<b>33.2960</b>	<b>106.0598</b>	<b>0.2591</b>	<b>26.7438</b>	<b>0.6452</b>	<b>27.3890</b>	<b>7.1605</b>	<b>0.6361</b>	<b>7.7966</b>	<b>793.5476</b>	<b>27,522.5480</b>	<b>28,316.0956</b>	<b>40.7178</b>	<b>0.4441</b>	<b>29,466.3787</b>

West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	26.3271	0.5810	50.3629	2.6700e-003		0.2803	0.2803		0.2803	0.2803	0.0000	82.5598	82.5598	0.0786	0.0000	84.5253
Energy	0.3442	2.9755	1.5045	0.0188		0.2378	0.2378		0.2378	0.2378	0.0000	5,223.2722	5,223.2722	0.4317	0.1382	5,275.2600
Mobile	5.6491	29.6410	53.7260	0.2351	26.4229	0.1259	26.5489	7.0746	0.1170	7.1915	0.0000	21,783.7369	21,783.7369	0.8793	0.0000	21,805.7200
Waste						0.0000	0.0000		0.0000	0.0000	656.7082	0.0000	656.7082	38.8104	0.0000	1,626.9669
Water						0.0000	0.0000		0.0000	0.0000	136.8393	198.0850	334.9243	0.5109	0.3058	438.8385
<b>Total</b>	<b>32.3203</b>	<b>33.1974</b>	<b>105.5933</b>	<b>0.2566</b>	<b>26.4229</b>	<b>0.6440</b>	<b>27.0669</b>	<b>7.0746</b>	<b>0.6350</b>	<b>7.7096</b>	<b>793.5476</b>	<b>27,287.6538</b>	<b>28,081.2014</b>	<b>40.7109</b>	<b>0.4441</b>	<b>29,231.3107</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.06	0.30	0.44	0.98	1.20	0.18	1.18	1.20	0.17	1.12	0.00	0.85	0.83	0.02	0.00	0.80

**3.0 Construction Detail**

**Construction Phase**

West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	2/23/2021	5	300	
2	Site Preparation	Site Preparation	2/24/2021	11/2/2021	5	180	
3	Grading	Grading	11/3/2021	8/15/2023	5	465	
4	Building Construction	Building Construction	8/16/2023	6/11/2041	5	4650	
5	Paving	Paving	6/12/2041	9/16/2042	5	330	
6	Architectural Coating	Architectural Coating	9/17/2042	12/22/2043	5	330	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 1162.5**

**Acres of Paving: 0**

**Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 887,580; Non-Residential Outdoor: 295,860; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

## West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	1,040.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,207.00	1,188.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,041.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1025	0.0000	0.1025	0.0155	0.0000	0.0155	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4339	4.3493	2.8497	5.0800e-003		0.2173	0.2173		0.2020	0.2020	0.0000	445.3818	445.3818	0.1257	0.0000	448.5250
<b>Total</b>	<b>0.4339</b>	<b>4.3493</b>	<b>2.8497</b>	<b>5.0800e-003</b>	<b>0.1025</b>	<b>0.2173</b>	<b>0.3198</b>	<b>0.0155</b>	<b>0.2020</b>	<b>0.2175</b>	<b>0.0000</b>	<b>445.3818</b>	<b>445.3818</b>	<b>0.1257</b>	<b>0.0000</b>	<b>448.5250</b>

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**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.4900e-003	0.1305	0.0295	3.6000e-004	8.5000e-003	4.7000e-004	8.9700e-003	2.3100e-003	4.5000e-004	2.7600e-003	0.0000	34.7469	34.7469	2.0200e-003	0.0000	34.7974
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3100e-003	4.9600e-003	0.0544	1.4000e-004	0.0144	1.0000e-004	0.0145	3.8400e-003	1.0000e-004	3.9300e-003	0.0000	12.7870	12.7870	3.6000e-004	0.0000	12.7960
<b>Total</b>	<b>0.0108</b>	<b>0.1354</b>	<b>0.0839</b>	<b>5.0000e-004</b>	<b>0.0229</b>	<b>5.7000e-004</b>	<b>0.0235</b>	<b>6.1500e-003</b>	<b>5.5000e-004</b>	<b>6.6900e-003</b>	<b>0.0000</b>	<b>47.5338</b>	<b>47.5338</b>	<b>2.3800e-003</b>	<b>0.0000</b>	<b>47.5934</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1025	0.0000	0.1025	0.0155	0.0000	0.0155	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4339	4.3493	2.8497	5.0800e-003		0.2173	0.2173		0.2020	0.2020	0.0000	445.3812	445.3812	0.1257	0.0000	448.5244
<b>Total</b>	<b>0.4339</b>	<b>4.3493</b>	<b>2.8497</b>	<b>5.0800e-003</b>	<b>0.1025</b>	<b>0.2173</b>	<b>0.3198</b>	<b>0.0155</b>	<b>0.2020</b>	<b>0.2175</b>	<b>0.0000</b>	<b>445.3812</b>	<b>445.3812</b>	<b>0.1257</b>	<b>0.0000</b>	<b>448.5244</b>

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**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.4900e-003	0.1305	0.0295	3.6000e-004	8.5000e-003	4.7000e-004	8.9700e-003	2.3100e-003	4.5000e-004	2.7600e-003	0.0000	34.7469	34.7469	2.0200e-003	0.0000	34.7974
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3100e-003	4.9600e-003	0.0544	1.4000e-004	0.0144	1.0000e-004	0.0145	3.8400e-003	1.0000e-004	3.9300e-003	0.0000	12.7870	12.7870	3.6000e-004	0.0000	12.7960
<b>Total</b>	<b>0.0108</b>	<b>0.1354</b>	<b>0.0839</b>	<b>5.0000e-004</b>	<b>0.0229</b>	<b>5.7000e-004</b>	<b>0.0235</b>	<b>6.1500e-003</b>	<b>5.5000e-004</b>	<b>6.6900e-003</b>	<b>0.0000</b>	<b>47.5338</b>	<b>47.5338</b>	<b>2.3800e-003</b>	<b>0.0000</b>	<b>47.5934</b>

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0149	0.0000	0.0149	2.2500e-003	0.0000	2.2500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0601	0.5974	0.4097	7.4000e-004		0.0295	0.0295		0.0274	0.0274	0.0000	64.6015	64.6015	0.0182	0.0000	65.0561
<b>Total</b>	<b>0.0601</b>	<b>0.5974</b>	<b>0.4097</b>	<b>7.4000e-004</b>	<b>0.0149</b>	<b>0.0295</b>	<b>0.0444</b>	<b>2.2500e-003</b>	<b>0.0274</b>	<b>0.0296</b>	<b>0.0000</b>	<b>64.6015</b>	<b>64.6015</b>	<b>0.0182</b>	<b>0.0000</b>	<b>65.0561</b>

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**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.7000e-004	0.0174	3.9700e-003	5.0000e-005	6.8800e-003	6.0000e-005	6.9400e-003	1.7200e-003	6.0000e-005	1.7800e-003	0.0000	4.9811	4.9811	2.9000e-004	0.0000	4.9883
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.9000e-004	6.4000e-004	7.2100e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1100e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.7915	1.7915	5.0000e-005	0.0000	1.7926
<b>Total</b>	<b>1.4600e-003</b>	<b>0.0180</b>	<b>0.0112</b>	<b>7.0000e-005</b>	<b>8.9700e-003</b>	<b>7.0000e-005</b>	<b>9.0500e-003</b>	<b>2.2800e-003</b>	<b>7.0000e-005</b>	<b>2.3500e-003</b>	<b>0.0000</b>	<b>6.7725</b>	<b>6.7725</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>6.7809</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0149	0.0000	0.0149	2.2500e-003	0.0000	2.2500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0601	0.5974	0.4097	7.4000e-004		0.0295	0.0295		0.0274	0.0274	0.0000	64.6014	64.6014	0.0182	0.0000	65.0560
<b>Total</b>	<b>0.0601</b>	<b>0.5974</b>	<b>0.4097</b>	<b>7.4000e-004</b>	<b>0.0149</b>	<b>0.0295</b>	<b>0.0444</b>	<b>2.2500e-003</b>	<b>0.0274</b>	<b>0.0296</b>	<b>0.0000</b>	<b>64.6014</b>	<b>64.6014</b>	<b>0.0182</b>	<b>0.0000</b>	<b>65.0560</b>



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**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.7000e-004	0.0174	3.9700e-003	5.0000e-005	6.8800e-003	6.0000e-005	6.9400e-003	1.7200e-003	6.0000e-005	1.7800e-003	0.0000	4.9811	4.9811	2.9000e-004	0.0000	4.9883
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.9000e-004	6.4000e-004	7.2100e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1100e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.7915	1.7915	5.0000e-005	0.0000	1.7926
<b>Total</b>	<b>1.4600e-003</b>	<b>0.0180</b>	<b>0.0112</b>	<b>7.0000e-005</b>	<b>8.9700e-003</b>	<b>7.0000e-005</b>	<b>9.0500e-003</b>	<b>2.2800e-003</b>	<b>7.0000e-005</b>	<b>2.3500e-003</b>	<b>0.0000</b>	<b>6.7725</b>	<b>6.7725</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>6.7809</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.6260	0.0000	1.6260	0.8938	0.0000	0.8938	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3499	3.6447	1.9039	3.4200e-003		0.1840	0.1840		0.1693	0.1693	0.0000	300.9215	300.9215	0.0973	0.0000	303.3546
<b>Total</b>	<b>0.3499</b>	<b>3.6447</b>	<b>1.9039</b>	<b>3.4200e-003</b>	<b>1.6260</b>	<b>0.1840</b>	<b>1.8100</b>	<b>0.8938</b>	<b>0.1693</b>	<b>1.0630</b>	<b>0.0000</b>	<b>300.9215</b>	<b>300.9215</b>	<b>0.0973</b>	<b>0.0000</b>	<b>303.3546</b>

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**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6100e-003	3.6700e-003	0.0410	1.1000e-004	0.0119	8.0000e-005	0.0120	3.1600e-003	8.0000e-005	3.2400e-003	0.0000	10.1830	10.1830	2.7000e-004	0.0000	10.1897
<b>Total</b>	<b>5.6100e-003</b>	<b>3.6700e-003</b>	<b>0.0410</b>	<b>1.1000e-004</b>	<b>0.0119</b>	<b>8.0000e-005</b>	<b>0.0120</b>	<b>3.1600e-003</b>	<b>8.0000e-005</b>	<b>3.2400e-003</b>	<b>0.0000</b>	<b>10.1830</b>	<b>10.1830</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>10.1897</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.6260	0.0000	1.6260	0.8938	0.0000	0.8938	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3499	3.6447	1.9039	3.4200e-003		0.1840	0.1840		0.1693	0.1693	0.0000	300.9211	300.9211	0.0973	0.0000	303.3542
<b>Total</b>	<b>0.3499</b>	<b>3.6447</b>	<b>1.9039</b>	<b>3.4200e-003</b>	<b>1.6260</b>	<b>0.1840</b>	<b>1.8100</b>	<b>0.8938</b>	<b>0.1693</b>	<b>1.0630</b>	<b>0.0000</b>	<b>300.9211</b>	<b>300.9211</b>	<b>0.0973</b>	<b>0.0000</b>	<b>303.3542</b>

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**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6100e-003	3.6700e-003	0.0410	1.1000e-004	0.0119	8.0000e-005	0.0120	3.1600e-003	8.0000e-005	3.2400e-003	0.0000	10.1830	10.1830	2.7000e-004	0.0000	10.1897
<b>Total</b>	<b>5.6100e-003</b>	<b>3.6700e-003</b>	<b>0.0410</b>	<b>1.1000e-004</b>	<b>0.0119</b>	<b>8.0000e-005</b>	<b>0.0120</b>	<b>3.1600e-003</b>	<b>8.0000e-005</b>	<b>3.2400e-003</b>	<b>0.0000</b>	<b>10.1830</b>	<b>10.1830</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>10.1897</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.7459	0.0000	0.7459	0.1377	0.0000	0.1377	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0901	0.9976	0.6639	1.3300e-003		0.0427	0.0427		0.0393	0.0393	0.0000	117.1642	117.1642	0.0379	0.0000	118.1115
<b>Total</b>	<b>0.0901</b>	<b>0.9976</b>	<b>0.6639</b>	<b>1.3300e-003</b>	<b>0.7459</b>	<b>0.0427</b>	<b>0.7886</b>	<b>0.1377</b>	<b>0.0393</b>	<b>0.1770</b>	<b>0.0000</b>	<b>117.1642</b>	<b>117.1642</b>	<b>0.0379</b>	<b>0.0000</b>	<b>118.1115</b>

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**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4900e-003	9.7000e-004	0.0109	3.0000e-005	3.1600e-003	2.0000e-005	3.1800e-003	8.4000e-004	2.0000e-005	8.6000e-004	0.0000	2.7029	2.7029	7.0000e-005	0.0000	2.7047
<b>Total</b>	<b>1.4900e-003</b>	<b>9.7000e-004</b>	<b>0.0109</b>	<b>3.0000e-005</b>	<b>3.1600e-003</b>	<b>2.0000e-005</b>	<b>3.1800e-003</b>	<b>8.4000e-004</b>	<b>2.0000e-005</b>	<b>8.6000e-004</b>	<b>0.0000</b>	<b>2.7029</b>	<b>2.7029</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>2.7047</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.7459	0.0000	0.7459	0.1377	0.0000	0.1377	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0901	0.9976	0.6639	1.3300e-003		0.0427	0.0427		0.0393	0.0393	0.0000	117.1641	117.1641	0.0379	0.0000	118.1114
<b>Total</b>	<b>0.0901</b>	<b>0.9976</b>	<b>0.6639</b>	<b>1.3300e-003</b>	<b>0.7459</b>	<b>0.0427</b>	<b>0.7886</b>	<b>0.1377</b>	<b>0.0393</b>	<b>0.1770</b>	<b>0.0000</b>	<b>117.1641</b>	<b>117.1641</b>	<b>0.0379</b>	<b>0.0000</b>	<b>118.1114</b>

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**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4900e-003	9.7000e-004	0.0109	3.0000e-005	3.1600e-003	2.0000e-005	3.1800e-003	8.4000e-004	2.0000e-005	8.6000e-004	0.0000	2.7029	2.7029	7.0000e-005	0.0000	2.7047
<b>Total</b>	<b>1.4900e-003</b>	<b>9.7000e-004</b>	<b>0.0109</b>	<b>3.0000e-005</b>	<b>3.1600e-003</b>	<b>2.0000e-005</b>	<b>3.1800e-003</b>	<b>8.4000e-004</b>	<b>2.0000e-005</b>	<b>8.6000e-004</b>	<b>0.0000</b>	<b>2.7029</b>	<b>2.7029</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>2.7047</b>

**3.4 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3993	0.0000	1.3993	0.4969	0.0000	0.4969	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4712	5.0497	3.7754	8.0700e-003		0.2125	0.2125		0.1955	0.1955	0.0000	708.9498	708.9498	0.2293	0.0000	714.6820
<b>Total</b>	<b>0.4712</b>	<b>5.0497</b>	<b>3.7754</b>	<b>8.0700e-003</b>	<b>1.3993</b>	<b>0.2125</b>	<b>1.6118</b>	<b>0.4969</b>	<b>0.1955</b>	<b>0.6924</b>	<b>0.0000</b>	<b>708.9498</b>	<b>708.9498</b>	<b>0.2293</b>	<b>0.0000</b>	<b>714.6820</b>

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**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.4100e-003	5.2900e-003	0.0605	1.7000e-004	0.0191	1.3000e-004	0.0192	5.0800e-003	1.2000e-004	5.2000e-003	0.0000	15.7577	15.7577	3.9000e-004	0.0000	15.7673
<b>Total</b>	<b>8.4100e-003</b>	<b>5.2900e-003</b>	<b>0.0605</b>	<b>1.7000e-004</b>	<b>0.0191</b>	<b>1.3000e-004</b>	<b>0.0192</b>	<b>5.0800e-003</b>	<b>1.2000e-004</b>	<b>5.2000e-003</b>	<b>0.0000</b>	<b>15.7577</b>	<b>15.7577</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>15.7673</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3993	0.0000	1.3993	0.4969	0.0000	0.4969	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4712	5.0497	3.7754	8.0700e-003		0.2125	0.2125		0.1955	0.1955	0.0000	708.9490	708.9490	0.2293	0.0000	714.6812
<b>Total</b>	<b>0.4712</b>	<b>5.0497</b>	<b>3.7754</b>	<b>8.0700e-003</b>	<b>1.3993</b>	<b>0.2125</b>	<b>1.6118</b>	<b>0.4969</b>	<b>0.1955</b>	<b>0.6924</b>	<b>0.0000</b>	<b>708.9490</b>	<b>708.9490</b>	<b>0.2293</b>	<b>0.0000</b>	<b>714.6812</b>

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**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.4100e-003	5.2900e-003	0.0605	1.7000e-004	0.0191	1.3000e-004	0.0192	5.0800e-003	1.2000e-004	5.2000e-003	0.0000	15.7577	15.7577	3.9000e-004	0.0000	15.7673
<b>Total</b>	<b>8.4100e-003</b>	<b>5.2900e-003</b>	<b>0.0605</b>	<b>1.7000e-004</b>	<b>0.0191</b>	<b>1.3000e-004</b>	<b>0.0192</b>	<b>5.0800e-003</b>	<b>1.2000e-004</b>	<b>5.2000e-003</b>	<b>0.0000</b>	<b>15.7577</b>	<b>15.7577</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>15.7673</b>

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1042	0.0000	1.1042	0.3347	0.0000	0.3347	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2691	2.7958	2.2721	5.0300e-003		0.1154	0.1154		0.1062	0.1062	0.0000	441.7352	441.7352	0.1429	0.0000	445.3068
<b>Total</b>	<b>0.2691</b>	<b>2.7958</b>	<b>2.2721</b>	<b>5.0300e-003</b>	<b>1.1042</b>	<b>0.1154</b>	<b>1.2196</b>	<b>0.3347</b>	<b>0.1062</b>	<b>0.4408</b>	<b>0.0000</b>	<b>441.7352</b>	<b>441.7352</b>	<b>0.1429</b>	<b>0.0000</b>	<b>445.3068</b>

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**3.4 Grading - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9100e-003	2.9700e-003	0.0346	1.0000e-004	0.0119	8.0000e-005	0.0120	3.1600e-003	7.0000e-005	3.2400e-003	0.0000	9.4496	9.4496	2.2000e-004	0.0000	9.4549
<b>Total</b>	<b>4.9100e-003</b>	<b>2.9700e-003</b>	<b>0.0346</b>	<b>1.0000e-004</b>	<b>0.0119</b>	<b>8.0000e-005</b>	<b>0.0120</b>	<b>3.1600e-003</b>	<b>7.0000e-005</b>	<b>3.2400e-003</b>	<b>0.0000</b>	<b>9.4496</b>	<b>9.4496</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>9.4549</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1042	0.0000	1.1042	0.3347	0.0000	0.3347	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2691	2.7958	2.2721	5.0300e-003		0.1154	0.1154		0.1062	0.1062	0.0000	441.7347	441.7347	0.1429	0.0000	445.3063
<b>Total</b>	<b>0.2691</b>	<b>2.7958</b>	<b>2.2721</b>	<b>5.0300e-003</b>	<b>1.1042</b>	<b>0.1154</b>	<b>1.2196</b>	<b>0.3347</b>	<b>0.1062</b>	<b>0.4408</b>	<b>0.0000</b>	<b>441.7347</b>	<b>441.7347</b>	<b>0.1429</b>	<b>0.0000</b>	<b>445.3063</b>



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**3.4 Grading - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9100e-003	2.9700e-003	0.0346	1.0000e-004	0.0119	8.0000e-005	0.0120	3.1600e-003	7.0000e-005	3.2400e-003	0.0000	9.4496	9.4496	2.2000e-004	0.0000	9.4549
<b>Total</b>	<b>4.9100e-003</b>	<b>2.9700e-003</b>	<b>0.0346</b>	<b>1.0000e-004</b>	<b>0.0119</b>	<b>8.0000e-005</b>	<b>0.0120</b>	<b>3.1600e-003</b>	<b>7.0000e-005</b>	<b>3.2400e-003</b>	<b>0.0000</b>	<b>9.4496</b>	<b>9.4496</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>9.4549</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0771	0.7049	0.7960	1.3200e-003		0.0343	0.0343		0.0323	0.0323	0.0000	113.5843	113.5843	0.0270	0.0000	114.2598
<b>Total</b>	<b>0.0771</b>	<b>0.7049</b>	<b>0.7960</b>	<b>1.3200e-003</b>		<b>0.0343</b>	<b>0.0343</b>		<b>0.0323</b>	<b>0.0323</b>	<b>0.0000</b>	<b>113.5843</b>	<b>113.5843</b>	<b>0.0270</b>	<b>0.0000</b>	<b>114.2598</b>

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**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1343	4.7787	1.2983	0.0138	0.3403	6.8700e-003	0.3471	0.0983	6.5700e-003	0.1049	0.0000	1,328.8818	1,328.8818	0.0681	0.0000	1,330.5832
Worker	0.7728	0.4671	5.4498	0.0165	1.8739	0.0125	1.8863	0.4984	0.0115	0.5099	0.0000	1,488.2635	1,488.2635	0.0339	0.0000	1,489.1114
<b>Total</b>	<b>0.9072</b>	<b>5.2458</b>	<b>6.7481</b>	<b>0.0303</b>	<b>2.2141</b>	<b>0.0193</b>	<b>2.2335</b>	<b>0.5967</b>	<b>0.0180</b>	<b>0.6148</b>	<b>0.0000</b>	<b>2,817.1452</b>	<b>2,817.1452</b>	<b>0.1020</b>	<b>0.0000</b>	<b>2,819.6946</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0771	0.7049	0.7960	1.3200e-003		0.0343	0.0343		0.0323	0.0323	0.0000	113.5842	113.5842	0.0270	0.0000	114.2597
<b>Total</b>	<b>0.0771</b>	<b>0.7049</b>	<b>0.7960</b>	<b>1.3200e-003</b>		<b>0.0343</b>	<b>0.0343</b>		<b>0.0323</b>	<b>0.0323</b>	<b>0.0000</b>	<b>113.5842</b>	<b>113.5842</b>	<b>0.0270</b>	<b>0.0000</b>	<b>114.2597</b>

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**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1343	4.7787	1.2983	0.0138	0.3403	6.8700e-003	0.3471	0.0983	6.5700e-003	0.1049	0.0000	1,328.8818	1,328.8818	0.0681	0.0000	1,330.5832
Worker	0.7728	0.4671	5.4498	0.0165	1.8739	0.0125	1.8863	0.4984	0.0115	0.5099	0.0000	1,488.2635	1,488.2635	0.0339	0.0000	1,489.1114
<b>Total</b>	<b>0.9072</b>	<b>5.2458</b>	<b>6.7481</b>	<b>0.0303</b>	<b>2.2141</b>	<b>0.0193</b>	<b>2.2335</b>	<b>0.5967</b>	<b>0.0180</b>	<b>0.6148</b>	<b>0.0000</b>	<b>2,817.1452</b>	<b>2,817.1452</b>	<b>0.1020</b>	<b>0.0000</b>	<b>2,819.6946</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179
<b>Total</b>	<b>0.1928</b>	<b>1.7611</b>	<b>2.1179</b>	<b>3.5300e-003</b>		<b>0.0803</b>	<b>0.0803</b>		<b>0.0756</b>	<b>0.0756</b>	<b>0.0000</b>	<b>303.7223</b>	<b>303.7223</b>	<b>0.0718</b>	<b>0.0000</b>	<b>305.5179</b>

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**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3422	12.5319	3.2448	0.0367	0.9096	0.0174	0.9270	0.2628	0.0167	0.2795	0.0000	3,532.0998	3,532.0998	0.1797	0.0000	3,536.5933
Worker	1.9428	1.1286	13.4927	0.0423	5.0097	0.0326	5.0423	1.3324	0.0300	1.3624	0.0000	3,824.1571	3,824.1571	0.0818	0.0000	3,826.2020
<b>Total</b>	<b>2.2850</b>	<b>13.6605</b>	<b>16.7375</b>	<b>0.0790</b>	<b>5.9193</b>	<b>0.0500</b>	<b>5.9693</b>	<b>1.5953</b>	<b>0.0467</b>	<b>1.6419</b>	<b>0.0000</b>	<b>7,356.2569</b>	<b>7,356.2569</b>	<b>0.2615</b>	<b>0.0000</b>	<b>7,362.7953</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
<b>Total</b>	<b>0.1928</b>	<b>1.7611</b>	<b>2.1179</b>	<b>3.5300e-003</b>		<b>0.0803</b>	<b>0.0803</b>		<b>0.0756</b>	<b>0.0756</b>	<b>0.0000</b>	<b>303.7220</b>	<b>303.7220</b>	<b>0.0718</b>	<b>0.0000</b>	<b>305.5175</b>

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**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3422	12.5319	3.2448	0.0367	0.9096	0.0174	0.9270	0.2628	0.0167	0.2795	0.0000	3,532.0998	3,532.0998	0.1797	0.0000	3,536.5933
Worker	1.9428	1.1286	13.4927	0.0423	5.0097	0.0326	5.0423	1.3324	0.0300	1.3624	0.0000	3,824.1571	3,824.1571	0.0818	0.0000	3,826.2020
<b>Total</b>	<b>2.2850</b>	<b>13.6605</b>	<b>16.7375</b>	<b>0.0790</b>	<b>5.9193</b>	<b>0.0500</b>	<b>5.9693</b>	<b>1.5953</b>	<b>0.0467</b>	<b>1.6419</b>	<b>0.0000</b>	<b>7,356.2569</b>	<b>7,356.2569</b>	<b>0.2615</b>	<b>0.0000</b>	<b>7,362.7953</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3270	12.2526	3.0605	0.0363	0.9060	0.0165	0.9225	0.2618	0.0157	0.2776	0.0000	3,498.7573	3,498.7573	0.1770	0.0000	3,503.1810
Worker	1.8277	1.0209	12.4503	0.0404	4.9906	0.0318	5.0224	1.3273	0.0293	1.3566	0.0000	3,657.0391	3,657.0391	0.0739	0.0000	3,658.8854
<b>Total</b>	<b>2.1547</b>	<b>13.2735</b>	<b>15.5108</b>	<b>0.0768</b>	<b>5.8966</b>	<b>0.0483</b>	<b>5.9449</b>	<b>1.5891</b>	<b>0.0450</b>	<b>1.6342</b>	<b>0.0000</b>	<b>7,155.7964</b>	<b>7,155.7964</b>	<b>0.2508</b>	<b>0.0000</b>	<b>7,162.0664</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>

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**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3270	12.2526	3.0605	0.0363	0.9060	0.0165	0.9225	0.2618	0.0157	0.2776	0.0000	3,498.7573	3,498.7573	0.1770	0.0000	3,503.1810
Worker	1.8277	1.0209	12.4503	0.0404	4.9906	0.0318	5.0224	1.3273	0.0293	1.3566	0.0000	3,657.0391	3,657.0391	0.0739	0.0000	3,658.8854
<b>Total</b>	<b>2.1547</b>	<b>13.2735</b>	<b>15.5108</b>	<b>0.0768</b>	<b>5.8966</b>	<b>0.0483</b>	<b>5.9449</b>	<b>1.5891</b>	<b>0.0450</b>	<b>1.6342</b>	<b>0.0000</b>	<b>7,155.7964</b>	<b>7,155.7964</b>	<b>0.2508</b>	<b>0.0000</b>	<b>7,162.0664</b>

**3.5 Building Construction - 2026**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3147	12.0325	2.9205	0.0361	0.9060	0.0156	0.9215	0.2618	0.0149	0.2767	0.0000	3,479.8878	3,479.8878	0.1750	0.0000	3,484.2638
Worker	1.7326	0.9327	11.5882	0.0389	4.9906	0.0309	5.0215	1.3273	0.0284	1.3558	0.0000	3,521.1653	3,521.1653	0.0672	0.0000	3,522.8461
<b>Total</b>	<b>2.0473</b>	<b>12.9651</b>	<b>14.5087</b>	<b>0.0750</b>	<b>5.8966</b>	<b>0.0465</b>	<b>5.9430</b>	<b>1.5891</b>	<b>0.0433</b>	<b>1.6324</b>	<b>0.0000</b>	<b>7,001.0531</b>	<b>7,001.0531</b>	<b>0.2423</b>	<b>0.0000</b>	<b>7,007.1099</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>



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**3.5 Building Construction - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3147	12.0325	2.9205	0.0361	0.9060	0.0156	0.9215	0.2618	0.0149	0.2767	0.0000	3,479.8878	3,479.8878	0.1750	0.0000	3,484.2638
Worker	1.7326	0.9327	11.5882	0.0389	4.9906	0.0309	5.0215	1.3273	0.0284	1.3558	0.0000	3,521.1653	3,521.1653	0.0672	0.0000	3,522.8461
<b>Total</b>	<b>2.0473</b>	<b>12.9651</b>	<b>14.5087</b>	<b>0.0750</b>	<b>5.8966</b>	<b>0.0465</b>	<b>5.9430</b>	<b>1.5891</b>	<b>0.0433</b>	<b>1.6324</b>	<b>0.0000</b>	<b>7,001.0531</b>	<b>7,001.0531</b>	<b>0.2423</b>	<b>0.0000</b>	<b>7,007.1099</b>

**3.5 Building Construction - 2027**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2027**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3039	11.8301	2.7989	0.0359	0.9059	0.0148	0.9207	0.2618	0.0142	0.2759	0.0000	3,462.1431	3,462.1431	0.1732	0.0000	3,466.4725
Worker	1.6394	0.8534	10.8099	0.0376	4.9906	0.0294	5.0200	1.3273	0.0270	1.3544	0.0000	3,399.5328	3,399.5328	0.0613	0.0000	3,401.0641
<b>Total</b>	<b>1.9433</b>	<b>12.6835</b>	<b>13.6087</b>	<b>0.0735</b>	<b>5.8965</b>	<b>0.0442</b>	<b>5.9407</b>	<b>1.5891</b>	<b>0.0412</b>	<b>1.6303</b>	<b>0.0000</b>	<b>6,861.6758</b>	<b>6,861.6758</b>	<b>0.2344</b>	<b>0.0000</b>	<b>6,867.5367</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>

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**3.5 Building Construction - 2027**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3039	11.8301	2.7989	0.0359	0.9059	0.0148	0.9207	0.2618	0.0142	0.2759	0.0000	3,462.1431	3,462.1431	0.1732	0.0000	3,466.4725
Worker	1.6394	0.8534	10.8099	0.0376	4.9906	0.0294	5.0200	1.3273	0.0270	1.3544	0.0000	3,399.5328	3,399.5328	0.0613	0.0000	3,401.0641
<b>Total</b>	<b>1.9433</b>	<b>12.6835</b>	<b>13.6087</b>	<b>0.0735</b>	<b>5.8965</b>	<b>0.0442</b>	<b>5.9407</b>	<b>1.5891</b>	<b>0.0412</b>	<b>1.6303</b>	<b>0.0000</b>	<b>6,861.6758</b>	<b>6,861.6758</b>	<b>0.2344</b>	<b>0.0000</b>	<b>6,867.5367</b>

**3.5 Building Construction - 2028**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671
<b>Total</b>	<b>0.1778</b>	<b>1.6211</b>	<b>2.0910</b>	<b>3.5000e-003</b>		<b>0.0686</b>	<b>0.0686</b>		<b>0.0645</b>	<b>0.0645</b>	<b>0.0000</b>	<b>301.4953</b>	<b>301.4953</b>	<b>0.0709</b>	<b>0.0000</b>	<b>303.2671</b>

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**3.5 Building Construction - 2028**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2932	11.6131	2.6857	0.0356	0.9024	0.0141	0.9165	0.2607	0.0135	0.2742	0.0000	3,433.7983	3,433.7983	0.1706	0.0000	3,438.0642
Worker	1.5369	0.7800	10.0849	0.0362	4.9715	0.0273	4.9988	1.3223	0.0251	1.3474	0.0000	3,278.9467	3,278.9467	0.0559	0.0000	3,280.3436
<b>Total</b>	<b>1.8302</b>	<b>12.3931</b>	<b>12.7707</b>	<b>0.0718</b>	<b>5.8739</b>	<b>0.0414</b>	<b>5.9153</b>	<b>1.5830</b>	<b>0.0386</b>	<b>1.6216</b>	<b>0.0000</b>	<b>6,712.7451</b>	<b>6,712.7451</b>	<b>0.2265</b>	<b>0.0000</b>	<b>6,718.4078</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667
<b>Total</b>	<b>0.1778</b>	<b>1.6211</b>	<b>2.0910</b>	<b>3.5000e-003</b>		<b>0.0686</b>	<b>0.0686</b>		<b>0.0645</b>	<b>0.0645</b>	<b>0.0000</b>	<b>301.4949</b>	<b>301.4949</b>	<b>0.0709</b>	<b>0.0000</b>	<b>303.2667</b>

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**3.5 Building Construction - 2028**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2932	11.6131	2.6857	0.0356	0.9024	0.0141	0.9165	0.2607	0.0135	0.2742	0.0000	3,433.798 3	3,433.798 3	0.1706	0.0000	3,438.064 2
Worker	1.5369	0.7800	10.0849	0.0362	4.9715	0.0273	4.9988	1.3223	0.0251	1.3474	0.0000	3,278.946 7	3,278.946 7	0.0559	0.0000	3,280.343 6
<b>Total</b>	<b>1.8302</b>	<b>12.3931</b>	<b>12.7707</b>	<b>0.0718</b>	<b>5.8739</b>	<b>0.0414</b>	<b>5.9153</b>	<b>1.5830</b>	<b>0.0386</b>	<b>1.6216</b>	<b>0.0000</b>	<b>6,712.745 1</b>	<b>6,712.745 1</b>	<b>0.2265</b>	<b>0.0000</b>	<b>6,718.407 8</b>

**3.5 Building Construction - 2029**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2029**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2858	11.4938	2.6100	0.0356	0.9058	0.0135	0.9193	0.2617	0.0129	0.2746	0.0000	3,433.2265	3,433.2265	0.1694	0.0000	3,437.4616
Worker	1.4375	0.7173	9.4648	0.0353	4.9906	0.0255	5.0161	1.3273	0.0235	1.3508	0.0000	3,195.8629	3,195.8629	0.0512	0.0000	3,197.1423
<b>Total</b>	<b>1.7233</b>	<b>12.2111</b>	<b>12.0748</b>	<b>0.0709</b>	<b>5.8964</b>	<b>0.0390</b>	<b>5.9354</b>	<b>1.5891</b>	<b>0.0364</b>	<b>1.6254</b>	<b>0.0000</b>	<b>6,629.0894</b>	<b>6,629.0894</b>	<b>0.2206</b>	<b>0.0000</b>	<b>6,634.6040</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>

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**3.5 Building Construction - 2029**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2858	11.4938	2.6100	0.0356	0.9058	0.0135	0.9193	0.2617	0.0129	0.2746	0.0000	3,433.2265	3,433.2265	0.1694	0.0000	3,437.4616
Worker	1.4375	0.7173	9.4648	0.0353	4.9906	0.0255	5.0161	1.3273	0.0235	1.3508	0.0000	3,195.8629	3,195.8629	0.0512	0.0000	3,197.1423
<b>Total</b>	<b>1.7233</b>	<b>12.2111</b>	<b>12.0748</b>	<b>0.0709</b>	<b>5.8964</b>	<b>0.0390</b>	<b>5.9354</b>	<b>1.5891</b>	<b>0.0364</b>	<b>1.6254</b>	<b>0.0000</b>	<b>6,629.0894</b>	<b>6,629.0894</b>	<b>0.2206</b>	<b>0.0000</b>	<b>6,634.6040</b>

**3.5 Building Construction - 2030**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
<b>Total</b>	<b>0.1708</b>	<b>1.0355</b>	<b>2.1085</b>	<b>4.0400e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>343.0336</b>	<b>343.0336</b>	<b>0.0138</b>	<b>0.0000</b>	<b>343.3777</b>

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**3.5 Building Construction - 2030**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2780	11.3402	2.5391	0.0355	0.9057	0.0128	0.9185	0.2617	0.0122	0.2739	0.0000	3,420.9238	3,420.9238	0.1675	0.0000	3,425.1100
Worker	1.3357	0.6581	8.8719	0.0344	4.9906	0.0238	5.0144	1.3273	0.0219	1.3492	0.0000	3,111.5619	3,111.5619	0.0468	0.0000	3,112.7318
<b>Total</b>	<b>1.6137</b>	<b>11.9983</b>	<b>11.4110</b>	<b>0.0698</b>	<b>5.8964</b>	<b>0.0366</b>	<b>5.9329</b>	<b>1.5890</b>	<b>0.0341</b>	<b>1.6231</b>	<b>0.0000</b>	<b>6,532.4857</b>	<b>6,532.4857</b>	<b>0.2143</b>	<b>0.0000</b>	<b>6,537.8418</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
<b>Total</b>	<b>0.1708</b>	<b>1.0355</b>	<b>2.1085</b>	<b>4.0400e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>343.0332</b>	<b>343.0332</b>	<b>0.0138</b>	<b>0.0000</b>	<b>343.3773</b>



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**3.5 Building Construction - 2030**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2780	11.3402	2.5391	0.0355	0.9057	0.0128	0.9185	0.2617	0.0122	0.2739	0.0000	3,420.9238	3,420.9238	0.1675	0.0000	3,425.1100
Worker	1.3357	0.6581	8.8719	0.0344	4.9906	0.0238	5.0144	1.3273	0.0219	1.3492	0.0000	3,111.5619	3,111.5619	0.0468	0.0000	3,112.7318
<b>Total</b>	<b>1.6137</b>	<b>11.9983</b>	<b>11.4110</b>	<b>0.0698</b>	<b>5.8964</b>	<b>0.0366</b>	<b>5.9329</b>	<b>1.5890</b>	<b>0.0341</b>	<b>1.6231</b>	<b>0.0000</b>	<b>6,532.4857</b>	<b>6,532.4857</b>	<b>0.2143</b>	<b>0.0000</b>	<b>6,537.8418</b>

**3.5 Building Construction - 2031**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
<b>Total</b>	<b>0.1708</b>	<b>1.0355</b>	<b>2.1085</b>	<b>4.0400e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>343.0336</b>	<b>343.0336</b>	<b>0.0138</b>	<b>0.0000</b>	<b>343.3777</b>

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**3.5 Building Construction - 2031**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2714	11.2009	2.4810	0.0353	0.9057	0.0122	0.9179	0.2617	0.0116	0.2733	0.0000	3,410.4625	3,410.4625	0.1658	0.0000	3,414.6064
Worker	1.2279	0.6022	8.3061	0.0336	4.9906	0.0221	5.0127	1.3273	0.0204	1.3477	0.0000	3,037.6093	3,037.6093	0.0427	0.0000	3,038.6767
<b>Total</b>	<b>1.4993</b>	<b>11.8031</b>	<b>10.7871</b>	<b>0.0689</b>	<b>5.8963</b>	<b>0.0343</b>	<b>5.9306</b>	<b>1.5890</b>	<b>0.0320</b>	<b>1.6210</b>	<b>0.0000</b>	<b>6,448.0718</b>	<b>6,448.0718</b>	<b>0.2085</b>	<b>0.0000</b>	<b>6,453.2830</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
<b>Total</b>	<b>0.1708</b>	<b>1.0355</b>	<b>2.1085</b>	<b>4.0400e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>343.0332</b>	<b>343.0332</b>	<b>0.0138</b>	<b>0.0000</b>	<b>343.3773</b>

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**3.5 Building Construction - 2031**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2714	11.2009	2.4810	0.0353	0.9057	0.0122	0.9179	0.2617	0.0116	0.2733	0.0000	3,410.4625	3,410.4625	0.1658	0.0000	3,414.6064
Worker	1.2279	0.6022	8.3061	0.0336	4.9906	0.0221	5.0127	1.3273	0.0204	1.3477	0.0000	3,037.6093	3,037.6093	0.0427	0.0000	3,038.6767
<b>Total</b>	<b>1.4993</b>	<b>11.8031</b>	<b>10.7871</b>	<b>0.0689</b>	<b>5.8963</b>	<b>0.0343</b>	<b>5.9306</b>	<b>1.5890</b>	<b>0.0320</b>	<b>1.6210</b>	<b>0.0000</b>	<b>6,448.0718</b>	<b>6,448.0718</b>	<b>0.2085</b>	<b>0.0000</b>	<b>6,453.2830</b>

**3.5 Building Construction - 2032**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933
<b>Total</b>	<b>0.1715</b>	<b>1.0394</b>	<b>2.1166</b>	<b>4.0600e-003</b>		<b>0.0194</b>	<b>0.0194</b>		<b>0.0194</b>	<b>0.0194</b>	<b>0.0000</b>	<b>344.3479</b>	<b>344.3479</b>	<b>0.0138</b>	<b>0.0000</b>	<b>344.6933</b>

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**3.5 Building Construction - 2032**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2670	11.1140	2.4442	0.0354	0.9091	0.0117	0.9209	0.2627	0.0112	0.2739	0.0000	3,414.9530	3,414.9530	0.1649	0.0000	3,419.0754
Worker	1.1358	0.5561	7.8377	0.0330	5.0097	0.0207	5.0304	1.3324	0.0190	1.3514	0.0000	2,984.6115	2,984.6115	0.0393	0.0000	2,985.5932
<b>Total</b>	<b>1.4028</b>	<b>11.6700</b>	<b>10.2819</b>	<b>0.0683</b>	<b>5.9189</b>	<b>0.0324</b>	<b>5.9513</b>	<b>1.5951</b>	<b>0.0302</b>	<b>1.6253</b>	<b>0.0000</b>	<b>6,399.5645</b>	<b>6,399.5645</b>	<b>0.2042</b>	<b>0.0000</b>	<b>6,404.6686</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929
<b>Total</b>	<b>0.1715</b>	<b>1.0394</b>	<b>2.1166</b>	<b>4.0600e-003</b>		<b>0.0194</b>	<b>0.0194</b>		<b>0.0194</b>	<b>0.0194</b>	<b>0.0000</b>	<b>344.3475</b>	<b>344.3475</b>	<b>0.0138</b>	<b>0.0000</b>	<b>344.6929</b>

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**3.5 Building Construction - 2032**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2670	11.1140	2.4442	0.0354	0.9091	0.0117	0.9209	0.2627	0.0112	0.2739	0.0000	3,414.9530	3,414.9530	0.1649	0.0000	3,419.0754
Worker	1.1358	0.5561	7.8377	0.0330	5.0097	0.0207	5.0304	1.3324	0.0190	1.3514	0.0000	2,984.6115	2,984.6115	0.0393	0.0000	2,985.5932
<b>Total</b>	<b>1.4028</b>	<b>11.6700</b>	<b>10.2819</b>	<b>0.0683</b>	<b>5.9189</b>	<b>0.0324</b>	<b>5.9513</b>	<b>1.5951</b>	<b>0.0302</b>	<b>1.6253</b>	<b>0.0000</b>	<b>6,399.5645</b>	<b>6,399.5645</b>	<b>0.2042</b>	<b>0.0000</b>	<b>6,404.6686</b>

**3.5 Building Construction - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
<b>Total</b>	<b>0.1702</b>	<b>1.0315</b>	<b>2.1004</b>	<b>4.0200e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>341.7193</b>	<b>341.7193</b>	<b>0.0137</b>	<b>0.0000</b>	<b>342.0621</b>

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**3.5 Building Construction - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2604	10.9146	2.3866	0.0350	0.9022	0.0112	0.9134	0.2607	0.0107	0.2714	0.0000	3,381.4469	3,381.4469	0.1623	0.0000	3,385.5051
Worker	1.0488	0.5125	7.3598	0.0321	4.9715	0.0191	4.9906	1.3223	0.0176	1.3398	0.0000	2,906.5334	2,906.5334	0.0360	0.0000	2,907.4333
<b>Total</b>	<b>1.3092</b>	<b>11.4271</b>	<b>9.7464</b>	<b>0.0671</b>	<b>5.8737</b>	<b>0.0303</b>	<b>5.9040</b>	<b>1.5829</b>	<b>0.0283</b>	<b>1.6112</b>	<b>0.0000</b>	<b>6,287.9803</b>	<b>6,287.9803</b>	<b>0.1983</b>	<b>0.0000</b>	<b>6,292.9384</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
<b>Total</b>	<b>0.1702</b>	<b>1.0315</b>	<b>2.1004</b>	<b>4.0200e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>341.7189</b>	<b>341.7189</b>	<b>0.0137</b>	<b>0.0000</b>	<b>342.0617</b>

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**3.5 Building Construction - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2604	10.9146	2.3866	0.0350	0.9022	0.0112	0.9134	0.2607	0.0107	0.2714	0.0000	3,381.4469	3,381.4469	0.1623	0.0000	3,385.5051
Worker	1.0488	0.5125	7.3598	0.0321	4.9715	0.0191	4.9906	1.3223	0.0176	1.3398	0.0000	2,906.5334	2,906.5334	0.0360	0.0000	2,907.4333
<b>Total</b>	<b>1.3092</b>	<b>11.4271</b>	<b>9.7464</b>	<b>0.0671</b>	<b>5.8737</b>	<b>0.0303</b>	<b>5.9040</b>	<b>1.5829</b>	<b>0.0283</b>	<b>1.6112</b>	<b>0.0000</b>	<b>6,287.9803</b>	<b>6,287.9803</b>	<b>0.1983</b>	<b>0.0000</b>	<b>6,292.9384</b>

**3.5 Building Construction - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
<b>Total</b>	<b>0.1702</b>	<b>1.0315</b>	<b>2.1004</b>	<b>4.0200e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>341.7193</b>	<b>341.7193</b>	<b>0.0137</b>	<b>0.0000</b>	<b>342.0621</b>

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**3.5 Building Construction - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2561	10.8085	2.3511	0.0350	0.9022	0.0108	0.9130	0.2607	0.0103	0.2710	0.0000	3,375.2102	3,375.2102	0.1611	0.0000	3,379.2376
Worker	0.9799	0.4789	6.9643	0.0316	4.9715	0.0178	4.9893	1.3223	0.0164	1.3387	0.0000	2,858.7639	2,858.7639	0.0332	0.0000	2,859.5946
<b>Total</b>	<b>1.2360</b>	<b>11.2875</b>	<b>9.3154</b>	<b>0.0665</b>	<b>5.8736</b>	<b>0.0287</b>	<b>5.9023</b>	<b>1.5829</b>	<b>0.0268</b>	<b>1.6097</b>	<b>0.0000</b>	<b>6,233.9741</b>	<b>6,233.9741</b>	<b>0.1943</b>	<b>0.0000</b>	<b>6,238.8322</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
<b>Total</b>	<b>0.1702</b>	<b>1.0315</b>	<b>2.1004</b>	<b>4.0200e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>341.7189</b>	<b>341.7189</b>	<b>0.0137</b>	<b>0.0000</b>	<b>342.0617</b>



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**3.5 Building Construction - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2561	10.8085	2.3511	0.0350	0.9022	0.0108	0.9130	0.2607	0.0103	0.2710	0.0000	3,375.2102	3,375.2102	0.1611	0.0000	3,379.2376
Worker	0.9799	0.4789	6.9643	0.0316	4.9715	0.0178	4.9893	1.3223	0.0164	1.3387	0.0000	2,858.7639	2,858.7639	0.0332	0.0000	2,859.5946
<b>Total</b>	<b>1.2360</b>	<b>11.2875</b>	<b>9.3154</b>	<b>0.0665</b>	<b>5.8736</b>	<b>0.0287</b>	<b>5.9023</b>	<b>1.5829</b>	<b>0.0268</b>	<b>1.6097</b>	<b>0.0000</b>	<b>6,233.9741</b>	<b>6,233.9741</b>	<b>0.1943</b>	<b>0.0000</b>	<b>6,238.8322</b>

**3.5 Building Construction - 2035**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
<b>Total</b>	<b>0.1588</b>	<b>0.9346</b>	<b>2.1034</b>	<b>4.0400e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>343.0336</b>	<b>343.0336</b>	<b>0.0128</b>	<b>0.0000</b>	<b>343.3530</b>

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**3.5 Building Construction - 2035**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2534	10.7558	2.3303	0.0350	0.9056	0.0105	0.9161	0.2617	0.0101	0.2717	0.0000	3,383.0399	3,383.0399	0.1606	0.0000	3,387.0540
Worker	0.9237	0.4545	6.6516	0.0312	4.9906	0.0168	5.0074	1.3273	0.0154	1.3428	0.0000	2,828.9802	2,828.9802	0.0310	0.0000	2,829.7552
<b>Total</b>	<b>1.1770</b>	<b>11.2103</b>	<b>8.9819</b>	<b>0.0663</b>	<b>5.8962</b>	<b>0.0273</b>	<b>5.9235</b>	<b>1.5890</b>	<b>0.0255</b>	<b>1.6144</b>	<b>0.0000</b>	<b>6,212.0200</b>	<b>6,212.0200</b>	<b>0.1916</b>	<b>0.0000</b>	<b>6,216.8091</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
<b>Total</b>	<b>0.1588</b>	<b>0.9346</b>	<b>2.1034</b>	<b>4.0400e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>343.0332</b>	<b>343.0332</b>	<b>0.0128</b>	<b>0.0000</b>	<b>343.3526</b>

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**3.5 Building Construction - 2035**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2534	10.7558	2.3303	0.0350	0.9056	0.0105	0.9161	0.2617	0.0101	0.2717	0.0000	3,383.0399	3,383.0399	0.1606	0.0000	3,387.0540
Worker	0.9237	0.4545	6.6516	0.0312	4.9906	0.0168	5.0074	1.3273	0.0154	1.3428	0.0000	2,828.9802	2,828.9802	0.0310	0.0000	2,829.7552
<b>Total</b>	<b>1.1770</b>	<b>11.2103</b>	<b>8.9819</b>	<b>0.0663</b>	<b>5.8962</b>	<b>0.0273</b>	<b>5.9235</b>	<b>1.5890</b>	<b>0.0255</b>	<b>1.6144</b>	<b>0.0000</b>	<b>6,212.0200</b>	<b>6,212.0200</b>	<b>0.1916</b>	<b>0.0000</b>	<b>6,216.8091</b>

**3.5 Building Construction - 2036**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686
<b>Total</b>	<b>0.1594</b>	<b>0.9381</b>	<b>2.1114</b>	<b>4.0600e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>344.3479</b>	<b>344.3479</b>	<b>0.0128</b>	<b>0.0000</b>	<b>344.6686</b>

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**3.5 Building Construction - 2036**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2543	10.7970	2.3392	0.0352	0.9091	0.0106	0.9196	0.2627	0.0101	0.2727	0.0000	3,396.0017	3,396.0017	0.1612	0.0000	3,400.0312
Worker	0.9272	0.4563	6.6771	0.0314	5.0097	0.0168	5.0265	1.3324	0.0155	1.3479	0.0000	2,839.8192	2,839.8192	0.0311	0.0000	2,840.5972
<b>Total</b>	<b>1.1815</b>	<b>11.2533</b>	<b>9.0163</b>	<b>0.0665</b>	<b>5.9188</b>	<b>0.0274</b>	<b>5.9462</b>	<b>1.5951</b>	<b>0.0256</b>	<b>1.6206</b>	<b>0.0000</b>	<b>6,235.8209</b>	<b>6,235.8209</b>	<b>0.1923</b>	<b>0.0000</b>	<b>6,240.6283</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682
<b>Total</b>	<b>0.1594</b>	<b>0.9381</b>	<b>2.1114</b>	<b>4.0600e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>344.3475</b>	<b>344.3475</b>	<b>0.0128</b>	<b>0.0000</b>	<b>344.6682</b>

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**3.5 Building Construction - 2036**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2543	10.7970	2.3392	0.0352	0.9091	0.0106	0.9196	0.2627	0.0101	0.2727	0.0000	3,396.0017	3,396.0017	0.1612	0.0000	3,400.0312
Worker	0.9272	0.4563	6.6771	0.0314	5.0097	0.0168	5.0265	1.3324	0.0155	1.3479	0.0000	2,839.8192	2,839.8192	0.0311	0.0000	2,840.5972
<b>Total</b>	<b>1.1815</b>	<b>11.2533</b>	<b>9.0163</b>	<b>0.0665</b>	<b>5.9188</b>	<b>0.0274</b>	<b>5.9462</b>	<b>1.5951</b>	<b>0.0256</b>	<b>1.6206</b>	<b>0.0000</b>	<b>6,235.8209</b>	<b>6,235.8209</b>	<b>0.1923</b>	<b>0.0000</b>	<b>6,240.6283</b>

**3.5 Building Construction - 2037**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
<b>Total</b>	<b>0.1588</b>	<b>0.9346</b>	<b>2.1034</b>	<b>4.0400e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>343.0336</b>	<b>343.0336</b>	<b>0.0128</b>	<b>0.0000</b>	<b>343.3530</b>

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**3.5 Building Construction - 2037**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2534	10.7558	2.3303	0.0350	0.9056	0.0105	0.9161	0.2617	0.0101	0.2717	0.0000	3,383.0399	3,383.0399	0.1606	0.0000	3,387.0540
Worker	0.9237	0.4545	6.6516	0.0312	4.9906	0.0168	5.0074	1.3273	0.0154	1.3428	0.0000	2,828.9802	2,828.9802	0.0310	0.0000	2,829.7552
<b>Total</b>	<b>1.1770</b>	<b>11.2103</b>	<b>8.9819</b>	<b>0.0663</b>	<b>5.8962</b>	<b>0.0273</b>	<b>5.9235</b>	<b>1.5890</b>	<b>0.0255</b>	<b>1.6144</b>	<b>0.0000</b>	<b>6,212.0200</b>	<b>6,212.0200</b>	<b>0.1916</b>	<b>0.0000</b>	<b>6,216.8091</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
<b>Total</b>	<b>0.1588</b>	<b>0.9346</b>	<b>2.1034</b>	<b>4.0400e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>343.0332</b>	<b>343.0332</b>	<b>0.0128</b>	<b>0.0000</b>	<b>343.3526</b>

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**3.5 Building Construction - 2037**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2534	10.7558	2.3303	0.0350	0.9056	0.0105	0.9161	0.2617	0.0101	0.2717	0.0000	3,383.0399	3,383.0399	0.1606	0.0000	3,387.0540
Worker	0.9237	0.4545	6.6516	0.0312	4.9906	0.0168	5.0074	1.3273	0.0154	1.3428	0.0000	2,828.9802	2,828.9802	0.0310	0.0000	2,829.7552
<b>Total</b>	<b>1.1770</b>	<b>11.2103</b>	<b>8.9819</b>	<b>0.0663</b>	<b>5.8962</b>	<b>0.0273</b>	<b>5.9235</b>	<b>1.5890</b>	<b>0.0255</b>	<b>1.6144</b>	<b>0.0000</b>	<b>6,212.0200</b>	<b>6,212.0200</b>	<b>0.1916</b>	<b>0.0000</b>	<b>6,216.8091</b>

**3.5 Building Construction - 2038**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
<b>Total</b>	<b>0.1588</b>	<b>0.9346</b>	<b>2.1034</b>	<b>4.0400e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>343.0336</b>	<b>343.0336</b>	<b>0.0128</b>	<b>0.0000</b>	<b>343.3530</b>

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**3.5 Building Construction - 2038**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2534	10.7558	2.3303	0.0350	0.9056	0.0105	0.9161	0.2617	0.0101	0.2717	0.0000	3,383.0399	3,383.0399	0.1606	0.0000	3,387.0540
Worker	0.9237	0.4545	6.6516	0.0312	4.9906	0.0168	5.0074	1.3273	0.0154	1.3428	0.0000	2,828.9802	2,828.9802	0.0310	0.0000	2,829.7552
<b>Total</b>	<b>1.1770</b>	<b>11.2103</b>	<b>8.9819</b>	<b>0.0663</b>	<b>5.8962</b>	<b>0.0273</b>	<b>5.9235</b>	<b>1.5890</b>	<b>0.0255</b>	<b>1.6144</b>	<b>0.0000</b>	<b>6,212.0200</b>	<b>6,212.0200</b>	<b>0.1916</b>	<b>0.0000</b>	<b>6,216.8091</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
<b>Total</b>	<b>0.1588</b>	<b>0.9346</b>	<b>2.1034</b>	<b>4.0400e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>343.0332</b>	<b>343.0332</b>	<b>0.0128</b>	<b>0.0000</b>	<b>343.3526</b>



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**3.5 Building Construction - 2038**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2534	10.7558	2.3303	0.0350	0.9056	0.0105	0.9161	0.2617	0.0101	0.2717	0.0000	3,383.0399	3,383.0399	0.1606	0.0000	3,387.0540
Worker	0.9237	0.4545	6.6516	0.0312	4.9906	0.0168	5.0074	1.3273	0.0154	1.3428	0.0000	2,828.9802	2,828.9802	0.0310	0.0000	2,829.7552
<b>Total</b>	<b>1.1770</b>	<b>11.2103</b>	<b>8.9819</b>	<b>0.0663</b>	<b>5.8962</b>	<b>0.0273</b>	<b>5.9235</b>	<b>1.5890</b>	<b>0.0255</b>	<b>1.6144</b>	<b>0.0000</b>	<b>6,212.0200</b>	<b>6,212.0200</b>	<b>0.1916</b>	<b>0.0000</b>	<b>6,216.8091</b>

**3.5 Building Construction - 2039**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7193	341.7193	0.0127	0.0000	342.0375
<b>Total</b>	<b>0.1582</b>	<b>0.9310</b>	<b>2.0953</b>	<b>4.0200e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>341.7193</b>	<b>341.7193</b>	<b>0.0127</b>	<b>0.0000</b>	<b>342.0375</b>

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**3.5 Building Construction - 2039**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2524	10.7146	2.3213	0.0349	0.9021	0.0105	0.9126	0.2606	0.0100	0.2707	0.0000	3,370.0780	3,370.0780	0.1600	0.0000	3,374.0767
Worker	0.9202	0.4528	6.6261	0.0311	4.9715	0.0167	4.9882	1.3223	0.0154	1.3376	0.0000	2,818.1412	2,818.1412	0.0309	0.0000	2,818.9132
<b>Total</b>	<b>1.1725</b>	<b>11.1674</b>	<b>8.9475</b>	<b>0.0660</b>	<b>5.8736</b>	<b>0.0272</b>	<b>5.9008</b>	<b>1.5829</b>	<b>0.0254</b>	<b>1.6083</b>	<b>0.0000</b>	<b>6,188.2192</b>	<b>6,188.2192</b>	<b>0.1908</b>	<b>0.0000</b>	<b>6,192.9899</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7189	341.7189	0.0127	0.0000	342.0371
<b>Total</b>	<b>0.1582</b>	<b>0.9310</b>	<b>2.0953</b>	<b>4.0200e-003</b>		<b>0.0118</b>	<b>0.0118</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>341.7189</b>	<b>341.7189</b>	<b>0.0127</b>	<b>0.0000</b>	<b>342.0371</b>

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**3.5 Building Construction - 2039**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2524	10.7146	2.3213	0.0349	0.9021	0.0105	0.9126	0.2606	0.0100	0.2707	0.0000	3,370.0780	3,370.0780	0.1600	0.0000	3,374.0767
Worker	0.9202	0.4528	6.6261	0.0311	4.9715	0.0167	4.9882	1.3223	0.0154	1.3376	0.0000	2,818.1412	2,818.1412	0.0309	0.0000	2,818.9132
<b>Total</b>	<b>1.1725</b>	<b>11.1674</b>	<b>8.9475</b>	<b>0.0660</b>	<b>5.8736</b>	<b>0.0272</b>	<b>5.9008</b>	<b>1.5829</b>	<b>0.0254</b>	<b>1.6083</b>	<b>0.0000</b>	<b>6,188.2192</b>	<b>6,188.2192</b>	<b>0.1908</b>	<b>0.0000</b>	<b>6,192.9899</b>

**3.5 Building Construction - 2040**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0337	343.0337	0.0123	0.0000	343.3419
<b>Total</b>	<b>0.1562</b>	<b>0.8992</b>	<b>2.1035</b>	<b>4.0400e-003</b>		<b>9.6200e-003</b>	<b>9.6200e-003</b>		<b>9.6200e-003</b>	<b>9.6200e-003</b>	<b>0.0000</b>	<b>343.0337</b>	<b>343.0337</b>	<b>0.0123</b>	<b>0.0000</b>	<b>343.3419</b>

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**3.5 Building Construction - 2040**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2420	10.4433	2.2410	0.0349	0.9055	9.7000e-003	0.9152	0.2616	9.2800e-003	0.2709	0.0000	3,373.5155	3,373.5155	0.1561	0.0000	3,377.4173
Worker	0.7035	0.3710	5.5974	0.0299	4.9906	0.0128	5.0034	1.3273	0.0118	1.3392	0.0000	2,705.4018	2,705.4018	0.0238	0.0000	2,705.9963
<b>Total</b>	<b>0.9456</b>	<b>10.8143</b>	<b>7.8384</b>	<b>0.0648</b>	<b>5.8961</b>	<b>0.0225</b>	<b>5.9187</b>	<b>1.5890</b>	<b>0.0211</b>	<b>1.6100</b>	<b>0.0000</b>	<b>6,078.9173</b>	<b>6,078.9173</b>	<b>0.1799</b>	<b>0.0000</b>	<b>6,083.4136</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1562	0.8992	2.1035	4.0400e-003		9.6200e-003	9.6200e-003		9.6200e-003	9.6200e-003	0.0000	343.0333	343.0333	0.0123	0.0000	343.3415
<b>Total</b>	<b>0.1562</b>	<b>0.8992</b>	<b>2.1035</b>	<b>4.0400e-003</b>		<b>9.6200e-003</b>	<b>9.6200e-003</b>		<b>9.6200e-003</b>	<b>9.6200e-003</b>	<b>0.0000</b>	<b>343.0333</b>	<b>343.0333</b>	<b>0.0123</b>	<b>0.0000</b>	<b>343.3415</b>

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**3.5 Building Construction - 2040**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2420	10.4433	2.2410	0.0349	0.9055	9.7000e-003	0.9152	0.2616	9.2800e-003	0.2709	0.0000	3,373.5155	3,373.5155	0.1561	0.0000	3,377.4173
Worker	0.7035	0.3710	5.5974	0.0299	4.9906	0.0128	5.0034	1.3273	0.0118	1.3392	0.0000	2,705.4018	2,705.4018	0.0238	0.0000	2,705.9963
<b>Total</b>	<b>0.9456</b>	<b>10.8143</b>	<b>7.8384</b>	<b>0.0648</b>	<b>5.8961</b>	<b>0.0225</b>	<b>5.9187</b>	<b>1.5890</b>	<b>0.0211</b>	<b>1.6100</b>	<b>0.0000</b>	<b>6,078.9173</b>	<b>6,078.9173</b>	<b>0.1799</b>	<b>0.0000</b>	<b>6,083.4136</b>

**3.5 Building Construction - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0694	0.3996	0.9349	1.8000e-003		4.2800e-003	4.2800e-003		4.2800e-003	4.2800e-003	0.0000	152.4594	152.4594	5.4800e-003	0.0000	152.5964
<b>Total</b>	<b>0.0694</b>	<b>0.3996</b>	<b>0.9349</b>	<b>1.8000e-003</b>		<b>4.2800e-003</b>	<b>4.2800e-003</b>		<b>4.2800e-003</b>	<b>4.2800e-003</b>	<b>0.0000</b>	<b>152.4594</b>	<b>152.4594</b>	<b>5.4800e-003</b>	<b>0.0000</b>	<b>152.5964</b>

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**3.5 Building Construction - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1076	4.6415	0.9960	0.0155	0.4025	4.3100e-003	0.4068	0.1163	4.1200e-003	0.1204	0.0000	1,499.3402	1,499.3402	0.0694	0.0000	1,501.0744
Worker	0.3127	0.1649	2.4877	0.0133	2.2181	5.7100e-003	2.2238	0.5899	5.2500e-003	0.5952	0.0000	1,202.4008	1,202.4008	0.0106	0.0000	1,202.6650
<b>Total</b>	<b>0.4203</b>	<b>4.8063</b>	<b>3.4837</b>	<b>0.0288</b>	<b>2.6205</b>	<b>0.0100</b>	<b>2.6305</b>	<b>0.7062</b>	<b>9.3700e-003</b>	<b>0.7156</b>	<b>0.0000</b>	<b>2,701.7410</b>	<b>2,701.7410</b>	<b>0.0799</b>	<b>0.0000</b>	<b>2,703.7394</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0694	0.3996	0.9349	1.8000e-003		4.2800e-003	4.2800e-003		4.2800e-003	4.2800e-003	0.0000	152.4592	152.4592	5.4800e-003	0.0000	152.5962
<b>Total</b>	<b>0.0694</b>	<b>0.3996</b>	<b>0.9349</b>	<b>1.8000e-003</b>		<b>4.2800e-003</b>	<b>4.2800e-003</b>		<b>4.2800e-003</b>	<b>4.2800e-003</b>	<b>0.0000</b>	<b>152.4592</b>	<b>152.4592</b>	<b>5.4800e-003</b>	<b>0.0000</b>	<b>152.5962</b>

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**3.5 Building Construction - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1076	4.6415	0.9960	0.0155	0.4025	4.3100e-003	0.4068	0.1163	4.1200e-003	0.1204	0.0000	1,499.3402	1,499.3402	0.0694	0.0000	1,501.0744
Worker	0.3127	0.1649	2.4877	0.0133	2.2181	5.7100e-003	2.2238	0.5899	5.2500e-003	0.5952	0.0000	1,202.4008	1,202.4008	0.0106	0.0000	1,202.6650
<b>Total</b>	<b>0.4203</b>	<b>4.8063</b>	<b>3.4837</b>	<b>0.0288</b>	<b>2.6205</b>	<b>0.0100</b>	<b>2.6305</b>	<b>0.7062</b>	<b>9.3700e-003</b>	<b>0.7156</b>	<b>0.0000</b>	<b>2,701.7410</b>	<b>2,701.7410</b>	<b>0.0799</b>	<b>0.0000</b>	<b>2,703.7394</b>

**3.6 Paving - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0733	0.2651	1.1468	2.0300e-003		8.4400e-003	8.4400e-003		8.4400e-003	8.4400e-003	0.0000	174.7215	174.7215	5.8700e-003	0.0000	174.8683
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0733</b>	<b>0.2651</b>	<b>1.1468</b>	<b>2.0300e-003</b>		<b>8.4400e-003</b>	<b>8.4400e-003</b>		<b>8.4400e-003</b>	<b>8.4400e-003</b>	<b>0.0000</b>	<b>174.7215</b>	<b>174.7215</b>	<b>5.8700e-003</b>	<b>0.0000</b>	<b>174.8683</b>

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**3.6 Paving - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1300e-003	5.9000e-004	8.9600e-003	5.0000e-005	7.9900e-003	2.0000e-005	8.0100e-003	2.1200e-003	2.0000e-005	2.1400e-003	0.0000	4.3298	4.3298	4.0000e-005	0.0000	4.3307
<b>Total</b>	<b>1.1300e-003</b>	<b>5.9000e-004</b>	<b>8.9600e-003</b>	<b>5.0000e-005</b>	<b>7.9900e-003</b>	<b>2.0000e-005</b>	<b>8.0100e-003</b>	<b>2.1200e-003</b>	<b>2.0000e-005</b>	<b>2.1400e-003</b>	<b>0.0000</b>	<b>4.3298</b>	<b>4.3298</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>4.3307</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0733	0.2651	1.1468	2.0300e-003		8.4400e-003	8.4400e-003		8.4400e-003	8.4400e-003	0.0000	174.7213	174.7213	5.8700e-003	0.0000	174.8681
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0733</b>	<b>0.2651</b>	<b>1.1468</b>	<b>2.0300e-003</b>		<b>8.4400e-003</b>	<b>8.4400e-003</b>		<b>8.4400e-003</b>	<b>8.4400e-003</b>	<b>0.0000</b>	<b>174.7213</b>	<b>174.7213</b>	<b>5.8700e-003</b>	<b>0.0000</b>	<b>174.8681</b>



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**3.6 Paving - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1300e-003	5.9000e-004	8.9600e-003	5.0000e-005	7.9900e-003	2.0000e-005	8.0100e-003	2.1200e-003	2.0000e-005	2.1400e-003	0.0000	4.3298	4.3298	4.0000e-005	0.0000	4.3307
<b>Total</b>	<b>1.1300e-003</b>	<b>5.9000e-004</b>	<b>8.9600e-003</b>	<b>5.0000e-005</b>	<b>7.9900e-003</b>	<b>2.0000e-005</b>	<b>8.0100e-003</b>	<b>2.1200e-003</b>	<b>2.0000e-005</b>	<b>2.1400e-003</b>	<b>0.0000</b>	<b>4.3298</b>	<b>4.3298</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>4.3307</b>

**3.6 Paving - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0935	0.3382	1.4631	2.5900e-003		0.0108	0.0108		0.0108	0.0108	0.0000	222.9205	222.9205	7.4900e-003	0.0000	223.1078
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0935</b>	<b>0.3382</b>	<b>1.4631</b>	<b>2.5900e-003</b>		<b>0.0108</b>	<b>0.0108</b>		<b>0.0108</b>	<b>0.0108</b>	<b>0.0000</b>	<b>222.9205</b>	<b>222.9205</b>	<b>7.4900e-003</b>	<b>0.0000</b>	<b>223.1078</b>

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**3.6 Paving - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4400e-003	7.6000e-004	0.0114	6.0000e-005	0.0102	3.0000e-005	0.0102	2.7100e-003	2.0000e-005	2.7300e-003	0.0000	5.5242	5.5242	5.0000e-005	0.0000	5.5254
<b>Total</b>	<b>1.4400e-003</b>	<b>7.6000e-004</b>	<b>0.0114</b>	<b>6.0000e-005</b>	<b>0.0102</b>	<b>3.0000e-005</b>	<b>0.0102</b>	<b>2.7100e-003</b>	<b>2.0000e-005</b>	<b>2.7300e-003</b>	<b>0.0000</b>	<b>5.5242</b>	<b>5.5242</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>5.5254</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0935	0.3382	1.4631	2.5900e-003		0.0108	0.0108		0.0108	0.0108	0.0000	222.9203	222.9203	7.4900e-003	0.0000	223.1076
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0935</b>	<b>0.3382</b>	<b>1.4631</b>	<b>2.5900e-003</b>		<b>0.0108</b>	<b>0.0108</b>		<b>0.0108</b>	<b>0.0108</b>	<b>0.0000</b>	<b>222.9203</b>	<b>222.9203</b>	<b>7.4900e-003</b>	<b>0.0000</b>	<b>223.1076</b>

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**3.6 Paving - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4400e-003	7.6000e-004	0.0114	6.0000e-005	0.0102	3.0000e-005	0.0102	2.7100e-003	2.0000e-005	2.7300e-003	0.0000	5.5242	5.5242	5.0000e-005	0.0000	5.5254
<b>Total</b>	<b>1.4400e-003</b>	<b>7.6000e-004</b>	<b>0.0114</b>	<b>6.0000e-005</b>	<b>0.0102</b>	<b>3.0000e-005</b>	<b>0.0102</b>	<b>2.7100e-003</b>	<b>2.0000e-005</b>	<b>2.7300e-003</b>	<b>0.0000</b>	<b>5.5242</b>	<b>5.5242</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>5.5254</b>

**3.7 Architectural Coating - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	7.6929					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3700e-003	0.0276	0.0681	1.1000e-004		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	9.7024	9.7024	3.4000e-004	0.0000	9.7109
<b>Total</b>	<b>7.6972</b>	<b>0.0276</b>	<b>0.0681</b>	<b>1.1000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>9.7024</b>	<b>9.7024</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>9.7109</b>

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**3.7 Architectural Coating - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0410	0.0216	0.3259	1.7400e-003	0.2905	7.5000e-004	0.2913	0.0773	6.9000e-004	0.0780	0.0000	157.4955	157.4955	1.3800e-003	0.0000	157.5301
<b>Total</b>	<b>0.0410</b>	<b>0.0216</b>	<b>0.3259</b>	<b>1.7400e-003</b>	<b>0.2905</b>	<b>7.5000e-004</b>	<b>0.2913</b>	<b>0.0773</b>	<b>6.9000e-004</b>	<b>0.0780</b>	<b>0.0000</b>	<b>157.4955</b>	<b>157.4955</b>	<b>1.3800e-003</b>	<b>0.0000</b>	<b>157.5301</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	7.6929					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3700e-003	0.0276	0.0681	1.1000e-004		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	9.7024	9.7024	3.4000e-004	0.0000	9.7109
<b>Total</b>	<b>7.6972</b>	<b>0.0276</b>	<b>0.0681</b>	<b>1.1000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>9.7024</b>	<b>9.7024</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>9.7109</b>

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**3.7 Architectural Coating - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0410	0.0216	0.3259	1.7400e-003	0.2905	7.5000e-004	0.2913	0.0773	6.9000e-004	0.0780	0.0000	157.4955	157.4955	1.3800e-003	0.0000	157.5301
<b>Total</b>	<b>0.0410</b>	<b>0.0216</b>	<b>0.3259</b>	<b>1.7400e-003</b>	<b>0.2905</b>	<b>7.5000e-004</b>	<b>0.2913</b>	<b>0.0773</b>	<b>6.9000e-004</b>	<b>0.0780</b>	<b>0.0000</b>	<b>157.4955</b>	<b>157.4955</b>	<b>1.3800e-003</b>	<b>0.0000</b>	<b>157.5301</b>

**3.7 Architectural Coating - 2043**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	25.7103					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0146	0.0923	0.2276	3.8000e-004		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004	0.0000	32.4263	32.4263	1.1400e-003	0.0000	32.4549
<b>Total</b>	<b>25.7249</b>	<b>0.0923</b>	<b>0.2276</b>	<b>3.8000e-004</b>		<b>9.4000e-004</b>	<b>9.4000e-004</b>		<b>9.4000e-004</b>	<b>9.4000e-004</b>	<b>0.0000</b>	<b>32.4263</b>	<b>32.4263</b>	<b>1.1400e-003</b>	<b>0.0000</b>	<b>32.4549</b>

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**3.7 Architectural Coating - 2043**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1369	0.0722	1.0890	5.8100e-003	0.9710	2.5000e-003	0.9735	0.2583	2.3000e-003	0.2606	0.0000	526.3664	526.3664	4.6300e-003	0.0000	526.4820
<b>Total</b>	<b>0.1369</b>	<b>0.0722</b>	<b>1.0890</b>	<b>5.8100e-003</b>	<b>0.9710</b>	<b>2.5000e-003</b>	<b>0.9735</b>	<b>0.2583</b>	<b>2.3000e-003</b>	<b>0.2606</b>	<b>0.0000</b>	<b>526.3664</b>	<b>526.3664</b>	<b>4.6300e-003</b>	<b>0.0000</b>	<b>526.4820</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	25.7103					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0146	0.0923	0.2276	3.8000e-004		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004	0.0000	32.4263	32.4263	1.1400e-003	0.0000	32.4548
<b>Total</b>	<b>25.7249</b>	<b>0.0923</b>	<b>0.2276</b>	<b>3.8000e-004</b>		<b>9.4000e-004</b>	<b>9.4000e-004</b>		<b>9.4000e-004</b>	<b>9.4000e-004</b>	<b>0.0000</b>	<b>32.4263</b>	<b>32.4263</b>	<b>1.1400e-003</b>	<b>0.0000</b>	<b>32.4548</b>

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**3.7 Architectural Coating - 2043**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1369	0.0722	1.0890	5.8100e-003	0.9710	2.5000e-003	0.9735	0.2583	2.3000e-003	0.2606	0.0000	526.3664	526.3664	4.6300e-003	0.0000	526.4820
<b>Total</b>	<b>0.1369</b>	<b>0.0722</b>	<b>1.0890</b>	<b>5.8100e-003</b>	<b>0.9710</b>	<b>2.5000e-003</b>	<b>0.9735</b>	<b>0.2583</b>	<b>2.3000e-003</b>	<b>0.2606</b>	<b>0.0000</b>	<b>526.3664</b>	<b>526.3664</b>	<b>4.6300e-003</b>	<b>0.0000</b>	<b>526.4820</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Integrate Below Market Rate Housing

West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	5.6491	29.6410	53.7260	0.2351	26.4229	0.1259	26.5489	7.0746	0.1170	7.1915	0.0000	21,783.73 69	21,783.73 69	0.8793	0.0000	21,805.72 00
Unmitigated	5.6692	29.7395	54.1924	0.2377	26.7438	0.1271	26.8710	7.1605	0.1181	7.2786	0.0000	22,018.631 1	22,018.631 1	0.8863	0.0000	22,040.78 80

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	10,972.35	11,921.40	10106.55	13,501,464	13,339,447
Apartments Mid Rise	20,515.25	19,713.15	18078.10	34,799,150	34,381,560
City Park	150.26	1,808.63	1330.83	1,025,459	1,013,153
Condo/Townhouse	871.50	850.50	726.00	2,175,327	2,149,223
Elementary School	1,535.29	0.00	0.00	2,306,054	2,278,381
General Light Industry	1,290.84	244.46	125.94	2,696,455	2,664,098
Racquet Club	883.89	1,345.05	1096.20	1,294,152	1,278,622
Regional Shopping Center	10,419.65	12,193.68	6159.06	14,063,079	13,894,322
<b>Total</b>	<b>46,639.03</b>	<b>48,076.87</b>	<b>37,622.68</b>	<b>71,861,140</b>	<b>70,998,807</b>

4.3 Trip Type Information



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Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	1.10	5.00	6.50	46.50	12.50	41.00	86	11	3
Apartments Mid Rise	4.47	5.00	6.50	46.50	12.50	41.00	86	11	3
City Park	10.00	5.00	6.50	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Elementary School	10.00	5.00	6.50	65.00	30.00	5.00	63	25	12
General Light Industry	10.00	5.00	6.50	59.00	28.00	13.00	92	5	3
Racquet Club	10.00	5.00	6.50	11.50	69.50	19.00	52	39	9
Regional Shopping Center	10.00	5.00	6.50	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Apartments Mid Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
City Park	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Condo/Townhouse	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Elementary School	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
General Light Industry	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Racquet Club	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Regional Shopping Center	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated							0.0000	0.0000		0.0000	0.0000	1,817.3299	1,817.3299	0.3664	0.0758	1,849.0779
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	1,817.3299	1,817.3299	0.3664	0.0758	1,849.0779
NaturalGas Mitigated	0.3442	2.9755	1.5045	0.0188			0.2378	0.2378		0.2378	0.2378	3,405.9423	3,405.9423	0.0653	0.0624	3,426.1821
NaturalGas Unmitigated	0.3442	2.9755	1.5045	0.0188			0.2378	0.2378		0.2378	0.2378	3,405.9423	3,405.9423	0.0653	0.0624	3,426.1821

West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.96743e+007	0.1061	0.9066	0.3858	5.7900e-003		0.0733	0.0733		0.0733	0.0733	0.0000	1,049.8932	1,049.8932	0.0201	0.0193	1,056.1322
Apartments Mid Rise	2.94194e+007	0.1586	1.3556	0.5769	8.6500e-003		0.1096	0.1096		0.1096	0.1096	0.0000	1,569.9308	1,569.9308	0.0301	0.0288	1,579.2602
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	3.0023e+006	0.0162	0.1383	0.0589	8.8000e-004		0.0112	0.0112		0.0112	0.0112	0.0000	160.2141	160.2141	3.0700e-003	2.9400e-003	161.1661
Elementary School	1.51837e+006	8.1900e-003	0.0744	0.0625	4.5000e-004		5.6600e-003	5.6600e-003		5.6600e-003	5.6600e-003	0.0000	81.0260	81.0260	1.5500e-003	1.4900e-003	81.5075
General Light Industry	6.63201e+006	0.0358	0.3251	0.2731	1.9500e-003		0.0247	0.0247		0.0247	0.0247	0.0000	353.9094	353.9094	6.7800e-003	6.4900e-003	356.0125
Racquet Club	2.25603e+006	0.0122	0.1106	0.0929	6.6000e-004		8.4000e-003	8.4000e-003		8.4000e-003	8.4000e-003	0.0000	120.3904	120.3904	2.3100e-003	2.2100e-003	121.1058
Regional Shopping Center	1.32259e+006	7.1300e-003	0.0648	0.0545	3.9000e-004		4.9300e-003	4.9300e-003		4.9300e-003	4.9300e-003	0.0000	70.5784	70.5784	1.3500e-003	1.2900e-003	70.9978
<b>Total</b>		<b>0.3442</b>	<b>2.9755</b>	<b>1.5045</b>	<b>0.0188</b>		<b>0.2378</b>	<b>0.2378</b>		<b>0.2378</b>	<b>0.2378</b>	<b>0.0000</b>	<b>3,405.9423</b>	<b>3,405.9423</b>	<b>0.0653</b>	<b>0.0625</b>	<b>3,426.1821</b>

West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.96743e+007	0.1061	0.9066	0.3858	5.7900e-003		0.0733	0.0733		0.0733	0.0733	0.0000	1,049.8932	1,049.8932	0.0201	0.0193	1,056.1322
Apartments Mid Rise	2.94194e+007	0.1586	1.3556	0.5769	8.6500e-003		0.1096	0.1096		0.1096	0.1096	0.0000	1,569.9308	1,569.9308	0.0301	0.0288	1,579.2602
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	3.0023e+006	0.0162	0.1383	0.0589	8.8000e-004		0.0112	0.0112		0.0112	0.0112	0.0000	160.2141	160.2141	3.0700e-003	2.9400e-003	161.1661
Elementary School	1.51837e+006	8.1900e-003	0.0744	0.0625	4.5000e-004		5.6600e-003	5.6600e-003		5.6600e-003	5.6600e-003	0.0000	81.0260	81.0260	1.5500e-003	1.4900e-003	81.5075
General Light Industry	6.63201e+006	0.0358	0.3251	0.2731	1.9500e-003		0.0247	0.0247		0.0247	0.0247	0.0000	353.9094	353.9094	6.7800e-003	6.4900e-003	356.0125
Racquet Club	2.25603e+006	0.0122	0.1106	0.0929	6.6000e-004		8.4000e-003	8.4000e-003		8.4000e-003	8.4000e-003	0.0000	120.3904	120.3904	2.3100e-003	2.2100e-003	121.1058
Regional Shopping Center	1.32259e+006	7.1300e-003	0.0648	0.0545	3.9000e-004		4.9300e-003	4.9300e-003		4.9300e-003	4.9300e-003	0.0000	70.5784	70.5784	1.3500e-003	1.2900e-003	70.9978
<b>Total</b>		<b>0.3442</b>	<b>2.9755</b>	<b>1.5045</b>	<b>0.0188</b>		<b>0.2378</b>	<b>0.2378</b>		<b>0.2378</b>	<b>0.2378</b>	<b>0.0000</b>	<b>3,405.9423</b>	<b>3,405.9423</b>	<b>0.0653</b>	<b>0.0625</b>	<b>3,426.1821</b>

## West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

**5.3 Energy by Land Use - Electricity****Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	7.03188e+006	458.8248	0.0925	0.0191	466.8403
Apartments Mid Rise	1.30317e+007	850.3060	0.1714	0.0355	865.1605
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	772652	50.4149	0.0102	2.1000e-003	51.2957
Elementary School	728340	47.5237	9.5800e-003	1.9800e-003	48.3539
General Light Industry	2.81134e+006	183.4376	0.0370	7.6500e-003	186.6422
Racquet Club	892080	58.2076	0.0117	2.4300e-003	59.2244
Regional Shopping Center	2.58417e+006	168.6153	0.0340	7.0300e-003	171.5609
<b>Total</b>		<b>1,817.3299</b>	<b>0.3664</b>	<b>0.0758</b>	<b>1,849.0779</b>

West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

**5.3 Energy by Land Use - Electricity**

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	7.03188e+006	458.8248	0.0925	0.0191	466.8403
Apartments Mid Rise	1.30317e+007	850.3060	0.1714	0.0355	865.1605
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	772652	50.4149	0.0102	2.1000e-003	51.2957
Elementary School	728340	47.5237	9.5800e-003	1.9800e-003	48.3539
General Light Industry	2.81134e+006	183.4376	0.0370	7.6500e-003	186.6422
Racquet Club	892080	58.2076	0.0117	2.4300e-003	59.2244
Regional Shopping Center	2.58417e+006	168.6153	0.0340	7.0300e-003	171.5609
<b>Total</b>		<b>1,817.3299</b>	<b>0.3664</b>	<b>0.0758</b>	<b>1,849.0779</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	26.3271	0.5810	50.3629	2.6700e-003		0.2803	0.2803		0.2803	0.2803	0.0000	82.5598	82.5598	0.0786	0.0000	84.5253
Unmitigated	26.3271	0.5810	50.3629	2.6700e-003		0.2803	0.2803		0.2803	0.2803	0.0000	82.5598	82.5598	0.0786	0.0000	84.5253

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.3403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	21.4805					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5064	0.5810	50.3629	2.6700e-003		0.2803	0.2803		0.2803	0.2803	0.0000	82.5598	82.5598	0.0786	0.0000	84.5253
<b>Total</b>	<b>26.3271</b>	<b>0.5810</b>	<b>50.3629</b>	<b>2.6700e-003</b>		<b>0.2803</b>	<b>0.2803</b>		<b>0.2803</b>	<b>0.2803</b>	<b>0.0000</b>	<b>82.5598</b>	<b>82.5598</b>	<b>0.0786</b>	<b>0.0000</b>	<b>84.5253</b>

West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.3403					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	21.4805					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5064	0.5810	50.3629	2.6700e-003		0.2803	0.2803		0.2803	0.2803	0.0000	82.5598	82.5598	0.0786	0.0000	84.5253
<b>Total</b>	<b>26.3271</b>	<b>0.5810</b>	<b>50.3629</b>	<b>2.6700e-003</b>		<b>0.2803</b>	<b>0.2803</b>		<b>0.2803</b>	<b>0.2803</b>	<b>0.0000</b>	<b>82.5598</b>	<b>82.5598</b>	<b>0.0786</b>	<b>0.0000</b>	<b>84.5253</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**



West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	334.9243	0.5109	0.3058	438.8385
Unmitigated	334.9243	0.5109	0.3058	438.8385

West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	108.481 / 68.3905	89.2679	0.1424	0.0856	118.3323
Apartments Mid Rise	201 / 126.717	165.4003	0.2638	0.1586	219.2524
City Park	0 / 94.7228	21.6321	4.3600e-003	9.0000e-004	22.0100
Condo/Townhouse	9.7731 / 6.1613	8.0422	0.0128	7.7100e-003	10.6606
Elementary School	2.88519 / 7.41907	3.6531	4.0400e-003	2.3300e-003	4.4485
General Light Industry	42.8275 / 0	29.0761	0.0550	0.0335	40.4428
Racquet Club	3.72602 / 2.28369	3.0512	4.8900e-003	2.9400e-003	4.0492
Regional Shopping Center	18.0752 / 11.0783	14.8015	0.0237	0.0143	19.6429
<b>Total</b>		<b>334.9243</b>	<b>0.5109</b>	<b>0.3058</b>	<b>438.8385</b>

## West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

**7.2 Water by Land Use****Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	108.481 / 68.3905	89.2679	0.1424	0.0856	118.3323
Apartments Mid Rise	201 / 126.717	165.4003	0.2638	0.1586	219.2524
City Park	0 / 94.7228	21.6321	4.3600e-003	9.0000e-004	22.0100
Condo/Townhouse	9.7731 / 6.1613	8.0422	0.0128	7.7100e-003	10.6606
Elementary School	2.88519 / 7.41907	3.6531	4.0400e-003	2.3300e-003	4.4485
General Light Industry	42.8275 / 0	29.0761	0.0550	0.0335	40.4428
Racquet Club	3.72602 / 2.28369	3.0512	4.8900e-003	2.9400e-003	4.0492
Regional Shopping Center	18.0752 / 11.0783	14.8015	0.0237	0.0143	19.6429
<b>Total</b>		<b>334.9243</b>	<b>0.5109</b>	<b>0.3058</b>	<b>438.8385</b>

**8.0 Waste Detail****8.1 Mitigation Measures Waste**

West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	656.7082	38.8104	0.0000	1,626.9669
Unmitigated	656.7082	38.8104	0.0000	1,626.9669

## West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

**8.2 Waste by Land Use****Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	765.9	155.4708	9.1881	0.0000	385.1723
Apartments Mid Rise	1419.1	288.0645	17.0241	0.0000	713.6675
City Park	6.84	1.3885	0.0821	0.0000	3.4399
Condo/Townhouse	69	14.0064	0.8278	0.0000	34.7002
Elementary School	129.35	26.2569	1.5517	0.0000	65.0503
General Light Industry	229.65	46.6169	2.7550	0.0000	115.4913
Racquet Club	359.1	72.8941	4.3079	0.0000	180.5919
Regional Shopping Center	256.22	52.0103	3.0737	0.0000	128.8534
<b>Total</b>		<b>656.7082</b>	<b>38.8104</b>	<b>0.0000</b>	<b>1,626.9669</b>

West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

**8.2 Waste by Land Use**

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	765.9	155.4708	9.1881	0.0000	385.1723
Apartments Mid Rise	1419.1	288.0645	17.0241	0.0000	713.6675
City Park	6.84	1.3885	0.0821	0.0000	3.4399
Condo/Townhouse	69	14.0064	0.8278	0.0000	34.7002
Elementary School	129.35	26.2569	1.5517	0.0000	65.0503
General Light Industry	229.65	46.6169	2.7550	0.0000	115.4913
Racquet Club	359.1	72.8941	4.3079	0.0000	180.5919
Regional Shopping Center	256.22	52.0103	3.0737	0.0000	128.8534
<b>Total</b>		<b>656.7082</b>	<b>38.8104</b>	<b>0.0000</b>	<b>1,626.9669</b>

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

**Fire Pumps and Emergency Generators**

West Broadway Future\_VMT Adj\_incl Project Features and Miti - Sacramento County, Annual

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**West Broadway Future\_VMT Adj\_incl Project Features**  
**Sacramento County, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	99.50	1000sqft	2.28	99,500.00	0
General Light Industry	185.20	1000sqft	4.25	185,200.00	0
City Park	79.50	Acre	79.50	3,463,020.00	0
Racquet Club	63.00	1000sqft	1.45	63,000.00	0
Apartments Low Rise	1,665.00	Dwelling Unit	104.06	1,665,000.00	4446
Apartments Mid Rise	3,085.00	Dwelling Unit	81.18	3,085,000.00	8237
Condo/Townhouse	150.00	Dwelling Unit	9.38	150,000.00	401
Regional Shopping Center	244.02	1000sqft	5.60	244,020.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.5	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	6			<b>Operational Year</b>	2035
<b>Utility Company</b>	Sacramento Municipal Utility District				
<b>CO2 Intensity (lb/MW hr)</b>	143.85	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Mobile Land Use Mitigation -  
 Area Mitigation -



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Table Name	Column Name	Default Value	New Value
tblEnergyUse	T24E	511.12	240.23
tblEnergyUse	T24E	460.92	428.66
tblEnergyUse	T24E	381.61	354.90
tblEnergyUse	T24E	3.41	2.39
tblEnergyUse	T24E	3.26	2.28
tblEnergyUse	T24NG	9,411.72	8,188.20
tblEnergyUse	T24NG	7,061.10	6,143.16
tblEnergyUse	T24NG	17,864.25	15,541.90
tblProjectCharacteristics	CO2IntensityFactor	590.31	143.85
tblVehicleTrips	HW_TL	10.00	1.10
tblVehicleTrips	HW_TL	10.00	4.47

## 2.0 Emissions Summary

### 2.1 Overall Construction (Maximum Daily Emission)

#### Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.3988	34.2446	22.4075	0.0426	0.9636	1.6631	2.6267	0.1669	1.5461	1.7129	0.0000	4,141.9974	4,141.9974	1.0784	0.0000	4,168.9575
2021	4.2650	46.4505	31.3888	0.0634	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,141.6763	6,141.6763	1.9464	0.0000	6,190.3360
2022	3.6939	38.8890	29.5095	0.0634	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,141.2229	6,141.2229	1.9474	0.0000	6,189.9086
2023	21.2742	122.2499	156.5951	0.6310	46.7565	1.4255	47.8573	12.5632	1.3114	13.5963	0.0000	64,525.5978	64,525.5978	2.9565	0.0000	64,599.5095

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	20.0534	118.4241	146.2173	0.6165	46.7558	1.0010	47.7567	12.5630	0.9388	13.5018	0.0000	63,092.90 38	63,092.90 38	2.8589	0.0000	63,164.37 59
2025	18.9753	114.7957	136.9677	0.6022	46.7551	0.9030	47.6582	12.5628	0.8466	13.4094	0.0000	61,679.21 42	61,679.21 42	2.7727	0.0000	61,748.53 16
2026	18.1198	112.3588	129.0718	0.5894	46.7546	0.8883	47.6429	12.5625	0.8328	13.3953	0.0000	60,409.35 73	60,409.35 73	2.7003	0.0000	60,476.86 54
2027	17.2885	110.1343	121.9846	0.5778	46.7541	0.8704	47.6244	12.5624	0.8160	13.3783	0.0000	59,265.10 27	59,265.10 27	2.6338	0.0000	59,330.94 79
2028	16.4300	108.2198	115.7830	0.5677	46.7537	0.8498	47.6034	12.5622	0.7968	13.3590	0.0000	58,254.65 49	58,254.65 49	2.5739	0.0000	58,319.00 35
2029	15.5034	106.4094	109.9209	0.5586	46.7533	0.8297	47.5830	12.5621	0.7781	13.3401	0.0000	57,355.83 66	57,355.83 66	2.5161	0.0000	57,418.73 98
2030	14.5529	100.1977	104.7741	0.5546	46.7529	0.4311	47.1840	12.5619	0.4121	12.9740	0.0000	56,903.28 79	56,903.28 79	1.9775	0.0000	56,952.72 56
2031	13.6167	98.6582	99.8647	0.5476	46.7527	0.4133	47.1659	12.5618	0.3955	12.9573	0.0000	56,209.41 79	56,209.41 79	1.9283	0.0000	56,257.62 45
2032	12.7840	97.2618	95.5831	0.5415	46.7524	0.3974	47.1498	12.5617	0.3807	12.9425	0.0000	55,609.69 88	55,609.69 88	1.8852	0.0000	55,656.82 98
2033	12.1054	96.0494	91.9741	0.5363	46.7522	0.3834	47.1356	12.5617	0.3677	12.9294	0.0000	55,091.60 51	55,091.60 51	1.8487	0.0000	55,137.82 36
2034	11.5095	94.9507	88.5700	0.5318	46.7520	0.3701	47.1222	12.5616	0.3554	12.9170	0.0000	54,645.28 55	54,645.28 55	1.8146	0.0000	54,690.65 06
2035	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2036	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2037	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.45 70
2038	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.45 70
2039	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.45 70
2040	9.0029	89.8678	76.5969	0.5169	46.7513	0.2473	46.9986	12.5613	0.2361	12.7974	0.0000	53,170.73 78	53,170.73 78	1.6720	0.0000	53,212.53 66
2041	9.0029	89.8678	76.5969	0.5169	46.7513	0.2473	46.9986	12.5613	0.2361	12.7974	0.0000	53,170.73 78	53,170.73 78	1.6720	0.0000	53,212.53 66

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2042	203.7352	3.6657	15.9387	0.0474	7.9189	0.1167	7.9460	2.1006	0.1167	2.1261	0.0000	4,718.8696	4,718.8696	0.0898	0.0000	4,720.0798
2043	203.7352	1.3616	10.1907	0.0474	7.9189	0.0271	7.9460	2.1006	0.0255	2.1261	0.0000	4,718.8696	4,718.8696	0.0484	0.0000	4,720.0798
<b>Maximum</b>	<b>203.7352</b>	<b>122.2499</b>	<b>156.5951</b>	<b>0.6310</b>	<b>46.7565</b>	<b>2.0454</b>	<b>47.8573</b>	<b>12.5632</b>	<b>1.8818</b>	<b>13.5963</b>	<b>0.0000</b>	<b>64,525.5978</b>	<b>64,525.5978</b>	<b>2.9565</b>	<b>0.0000</b>	<b>64,599.5095</b>

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.3988	34.2446	22.4075	0.0426	0.9636	1.6631	2.6267	0.1669	1.5461	1.7129	0.0000	4,141.9974	4,141.9974	1.0784	0.0000	4,168.9575
2021	4.2650	46.4505	31.3888	0.0634	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,141.6763	6,141.6763	1.9464	0.0000	6,190.3360
2022	3.6939	38.8890	29.5095	0.0634	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,141.2229	6,141.2229	1.9474	0.0000	6,189.9086
2023	21.2742	122.2499	156.5951	0.6310	46.7565	1.4255	47.8573	12.5632	1.3114	13.5963	0.0000	64,525.5978	64,525.5978	2.9565	0.0000	64,599.5095
2024	20.0534	118.4241	146.2173	0.6165	46.7558	1.0010	47.7567	12.5630	0.9388	13.5018	0.0000	63,092.9038	63,092.9038	2.8589	0.0000	63,164.3759
2025	18.9753	114.7957	136.9677	0.6022	46.7551	0.9030	47.6582	12.5628	0.8466	13.4094	0.0000	61,679.2142	61,679.2142	2.7727	0.0000	61,748.5316
2026	18.1198	112.3588	129.0718	0.5894	46.7546	0.8883	47.6429	12.5625	0.8328	13.3953	0.0000	60,409.3573	60,409.3573	2.7003	0.0000	60,476.8654
2027	17.2885	110.1343	121.9846	0.5778	46.7541	0.8704	47.6244	12.5624	0.8160	13.3783	0.0000	59,265.1027	59,265.1027	2.6338	0.0000	59,330.9479
2028	16.4300	108.2198	115.7830	0.5677	46.7537	0.8498	47.6034	12.5622	0.7968	13.3590	0.0000	58,254.6549	58,254.6549	2.5739	0.0000	58,319.0035

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2029	15.5034	106.4094	109.9209	0.5586	46.7533	0.8297	47.5830	12.5621	0.7781	13.3401	0.0000	57,355.83 66	57,355.83 66	2.5161	0.0000	57,418.73 98
2030	14.5529	100.1977	104.7741	0.5546	46.7529	0.4311	47.1840	12.5619	0.4121	12.9740	0.0000	56,903.28 79	56,903.28 79	1.9775	0.0000	56,952.72 56
2031	13.6167	98.6582	99.8647	0.5476	46.7527	0.4133	47.1659	12.5618	0.3955	12.9573	0.0000	56,209.41 79	56,209.41 79	1.9283	0.0000	56,257.62 45
2032	12.7840	97.2618	95.5831	0.5415	46.7524	0.3974	47.1498	12.5617	0.3807	12.9425	0.0000	55,609.69 88	55,609.69 88	1.8852	0.0000	55,656.82 98
2033	12.1054	96.0494	91.9741	0.5363	46.7522	0.3834	47.1356	12.5617	0.3677	12.9294	0.0000	55,091.60 51	55,091.60 51	1.8487	0.0000	55,137.82 36
2034	11.5095	94.9507	88.5700	0.5318	46.7520	0.3701	47.1222	12.5616	0.3554	12.9170	0.0000	54,645.28 55	54,645.28 55	1.8146	0.0000	54,690.65 06
2035	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2036	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2037	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2038	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2039	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2040	9.0029	89.8678	76.5969	0.5169	46.7513	0.2473	46.9986	12.5613	0.2361	12.7974	0.0000	53,170.73 78	53,170.73 78	1.6720	0.0000	53,212.53 66
2041	9.0029	89.8678	76.5969	0.5169	46.7513	0.2473	46.9986	12.5613	0.2361	12.7974	0.0000	53,170.73 78	53,170.73 78	1.6720	0.0000	53,212.53 66
2042	203.7352	3.6657	15.9387	0.0474	7.9189	0.1167	7.9460	2.1006	0.1167	2.1261	0.0000	4,718.869 6	4,718.869 6	0.0898	0.0000	4,720.079 8
2043	203.7352	1.3616	10.1907	0.0474	7.9189	0.0271	7.9460	2.1006	0.0255	2.1261	0.0000	4,718.869 6	4,718.869 6	0.0484	0.0000	4,720.079 8
<b>Maximum</b>	<b>203.7352</b>	<b>122.2499</b>	<b>156.5951</b>	<b>0.6310</b>	<b>46.7565</b>	<b>2.0454</b>	<b>47.8573</b>	<b>12.5632</b>	<b>1.8818</b>	<b>13.5963</b>	<b>0.0000</b>	<b>64,525.59 78</b>	<b>64,525.59 78</b>	<b>2.9565</b>	<b>0.0000</b>	<b>64,599.50 95</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Energy	1.7672	15.2905	7.8124	0.0964		1.2210	1.2210		1.2210	1.2210		19,278.51 31	19,278.51 31	0.3695	0.3534	19,393.07 57
Mobile	32.2460	186.4951	352.5024	1.4447	172.4106	0.7951	173.2057	46.0310	0.7386	46.7695		147,534.5 953	147,534.5 953	6.2819		147,691.6 415
<b>Total</b>	<b>182.0684</b>	<b>206.4338</b>	<b>763.2181</b>	<b>1.5624</b>	<b>172.4106</b>	<b>4.2582</b>	<b>176.6688</b>	<b>46.0310</b>	<b>4.2016</b>	<b>50.2326</b>	<b>0.0000</b>	<b>167,541.1 616</b>	<b>167,541.1 616</b>	<b>7.3447</b>	<b>0.3534</b>	<b>167,830.1 030</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Energy	1.7672	15.2905	7.8124	0.0964		1.2210	1.2210		1.2210	1.2210		19,278.51 31	19,278.51 31	0.3695	0.3534	19,393.07 57
Mobile	32.1190	185.8499	349.6608	1.4292	170.3417	0.7877	171.1294	45.4786	0.7317	46.2103		145,953.7 924	145,953.7 924	6.2341		146,109.6 449
<b>Total</b>	<b>181.9414</b>	<b>205.7886</b>	<b>760.3766</b>	<b>1.5469</b>	<b>170.3417</b>	<b>4.2508</b>	<b>174.5924</b>	<b>45.4786</b>	<b>4.1947</b>	<b>49.6733</b>	<b>0.0000</b>	<b>165,960.3 587</b>	<b>165,960.3 587</b>	<b>7.2969</b>	<b>0.3534</b>	<b>166,248.1 064</b>

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.07	0.31	0.37	0.99	1.20	0.17	1.18	1.20	0.16	1.11	0.00	0.94	0.94	0.65	0.00	0.94

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	2/23/2021	5	300	
2	Site Preparation	Site Preparation	2/24/2021	11/2/2021	5	180	
3	Grading	Grading	11/3/2021	8/15/2023	5	465	
4	Building Construction	Building Construction	8/16/2023	6/11/2041	5	4650	
5	Paving	Paving	6/12/2041	9/16/2042	5	330	
6	Architectural Coating	Architectural Coating	9/17/2042	12/22/2043	5	330	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 887,580; Non-Residential Outdoor: 295,860; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	1,040.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,207.00	1,188.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,041.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>		<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0272	1.0012	0.2350	2.7000e-003	0.0670	3.6300e-003	0.0706	0.0181	3.4800e-003	0.0216		289.7592	289.7592	0.0175		290.1955
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0595	0.0424	0.4194	1.0500e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		104.5333	104.5333	3.0100e-003		104.6084
<b>Total</b>	<b>0.0867</b>	<b>1.0436</b>	<b>0.6543</b>	<b>3.7500e-003</b>	<b>0.1811</b>	<b>4.4200e-003</b>	<b>0.1855</b>	<b>0.0484</b>	<b>4.2100e-003</b>	<b>0.0526</b>		<b>394.2924</b>	<b>394.2924</b>	<b>0.0205</b>		<b>394.8039</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>	<b>0.0000</b>	<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0272	1.0012	0.2350	2.7000e-003	0.0670	3.6300e-003	0.0706	0.0181	3.4800e-003	0.0216		289.7592	289.7592	0.0175		290.1955
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0595	0.0424	0.4194	1.0500e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		104.5333	104.5333	3.0100e-003		104.6084
<b>Total</b>	<b>0.0867</b>	<b>1.0436</b>	<b>0.6543</b>	<b>3.7500e-003</b>	<b>0.1811</b>	<b>4.4200e-003</b>	<b>0.1855</b>	<b>0.0484</b>	<b>4.2100e-003</b>	<b>0.0526</b>		<b>394.2924</b>	<b>394.2924</b>	<b>0.0205</b>		<b>394.8039</b>

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>		<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

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**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0251	0.9188	0.2176	2.6700e-003	0.3763	3.2000e-003	0.3795	0.0941	3.0600e-003	0.0971		286.3691	286.3691	0.0171		286.7967
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0554	0.0380	0.3827	1.0100e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		100.9746	100.9746	2.6900e-003		101.0419
<b>Total</b>	<b>0.0805</b>	<b>0.9568</b>	<b>0.6003</b>	<b>3.6800e-003</b>	<b>0.4904</b>	<b>3.9700e-003</b>	<b>0.4944</b>	<b>0.1243</b>	<b>3.7700e-003</b>	<b>0.1281</b>		<b>387.3437</b>	<b>387.3437</b>	<b>0.0198</b>		<b>387.8386</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>	<b>0.0000</b>	<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

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**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0251	0.9188	0.2176	2.6700e-003	0.3763	3.2000e-003	0.3795	0.0941	3.0600e-003	0.0971		286.3691	286.3691	0.0171		286.7967
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0554	0.0380	0.3827	1.0100e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		100.9746	100.9746	2.6900e-003		101.0419
<b>Total</b>	<b>0.0805</b>	<b>0.9568</b>	<b>0.6003</b>	<b>3.6800e-003</b>	<b>0.4904</b>	<b>3.9700e-003</b>	<b>0.4944</b>	<b>0.1243</b>	<b>3.7700e-003</b>	<b>0.1281</b>		<b>387.3437</b>	<b>387.3437</b>	<b>0.0198</b>		<b>387.8386</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>		<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

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**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0664	0.0456	0.4593	1.2200e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		121.1696	121.1696	3.2300e-003		121.2503
<b>Total</b>	<b>0.0664</b>	<b>0.0456</b>	<b>0.4593</b>	<b>1.2200e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>121.1696</b>	<b>121.1696</b>	<b>3.2300e-003</b>		<b>121.2503</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>	<b>0.0000</b>	<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0664	0.0456	0.4593	1.2200e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		121.1696	121.1696	3.2300e-003		121.2503
<b>Total</b>	<b>0.0664</b>	<b>0.0456</b>	<b>0.4593</b>	<b>1.2200e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>121.1696</b>	<b>121.1696</b>	<b>3.2300e-003</b>		<b>121.2503</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>		<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0738	0.0507	0.5103	1.3500e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		134.6329	134.6329	3.5900e-003		134.7226
<b>Total</b>	<b>0.0738</b>	<b>0.0507</b>	<b>0.5103</b>	<b>1.3500e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>134.6329</b>	<b>134.6329</b>	<b>3.5900e-003</b>		<b>134.7226</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>	<b>0.0000</b>	<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>



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**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0738	0.0507	0.5103	1.3500e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		134.6329	134.6329	3.5900e-003		134.7226
<b>Total</b>	<b>0.0738</b>	<b>0.0507</b>	<b>0.5103</b>	<b>1.3500e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>134.6329</b>	<b>134.6329</b>	<b>3.5900e-003</b>		<b>134.7226</b>

**3.4 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>		<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

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**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0690	0.0456	0.4680	1.3000e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		129.8123	129.8123	3.2200e-003		129.8928
<b>Total</b>	<b>0.0690</b>	<b>0.0456</b>	<b>0.4680</b>	<b>1.3000e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>129.8123</b>	<b>129.8123</b>	<b>3.2200e-003</b>		<b>129.8928</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>	<b>0.0000</b>	<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0690	0.0456	0.4680	1.3000e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		129.8123	129.8123	3.2200e-003		129.8928
<b>Total</b>	<b>0.0690</b>	<b>0.0456</b>	<b>0.4680</b>	<b>1.3000e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>129.8123</b>	<b>129.8123</b>	<b>3.2200e-003</b>		<b>129.8928</b>

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>		<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.4 Grading - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0410	0.4288	1.2500e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		124.9394	124.9394	2.8800e-003		125.0114
<b>Total</b>	<b>0.0647</b>	<b>0.0410</b>	<b>0.4288</b>	<b>1.2500e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>124.9394</b>	<b>124.9394</b>	<b>2.8800e-003</b>		<b>125.0114</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>	<b>0.0000</b>	<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.4 Grading - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0410	0.4288	1.2500e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		124.9394	124.9394	2.8800e-003		125.0114
<b>Total</b>	<b>0.0647</b>	<b>0.0410</b>	<b>0.4288</b>	<b>1.2500e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>124.9394</b>	<b>124.9394</b>	<b>2.8800e-003</b>		<b>125.0114</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.8608	97.1949	28.7205	0.2776	7.1468	0.1470	7.2939	2.0564	0.1406	2.1970		29,442.4101	29,442.4101	1.5995		29,482.3967
Worker	16.8406	10.6702	111.6307	0.3265	39.6096	0.2541	39.8637	10.5068	0.2340	10.7409		32,527.9778	32,527.9778	0.7492		32,546.7067
<b>Total</b>	<b>19.7014</b>	<b>107.8651</b>	<b>140.3511</b>	<b>0.6040</b>	<b>46.7565</b>	<b>0.4011</b>	<b>47.1575</b>	<b>12.5632</b>	<b>0.3746</b>	<b>12.9378</b>		<b>61,970.3878</b>	<b>61,970.3878</b>	<b>2.3486</b>		<b>62,029.1034</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.8608	97.1949	28.7205	0.2776	7.1468	0.1470	7.2939	2.0564	0.1406	2.1970		29,442.4101	29,442.4101	1.5995		29,482.3967
Worker	16.8406	10.6702	111.6307	0.3265	39.6096	0.2541	39.8637	10.5068	0.2340	10.7409		32,527.9778	32,527.9778	0.7492		32,546.7067
<b>Total</b>	<b>19.7014</b>	<b>107.8651</b>	<b>140.3511</b>	<b>0.6040</b>	<b>46.7565</b>	<b>0.4011</b>	<b>47.1575</b>	<b>12.5632</b>	<b>0.3746</b>	<b>12.9378</b>		<b>61,970.3878</b>	<b>61,970.3878</b>	<b>2.3486</b>		<b>62,029.1034</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>		<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7242	95.3374	26.8405	0.2758	7.1462	0.1392	7.2854	2.0562	0.1331	2.1893		29,273.1878	29,273.1878	1.5800		29,312.6887
Worker	15.8576	9.6430	103.2100	0.3137	39.6096	0.2485	39.8581	10.5068	0.2288	10.7356		31,264.0171	31,264.0171	0.6745		31,280.8796
<b>Total</b>	<b>18.5818</b>	<b>104.9804</b>	<b>130.0505</b>	<b>0.5895</b>	<b>46.7558</b>	<b>0.3877</b>	<b>47.1434</b>	<b>12.5630</b>	<b>0.3619</b>	<b>12.9249</b>		<b>60,537.2049</b>	<b>60,537.2049</b>	<b>2.2545</b>		<b>60,593.5683</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>	<b>0.0000</b>	<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7242	95.3374	26.8405	0.2758	7.1462	0.1392	7.2854	2.0562	0.1331	2.1893		29,273.1878	29,273.1878	1.5800		29,312.6887
Worker	15.8576	9.6430	103.2100	0.3137	39.6096	0.2485	39.8581	10.5068	0.2288	10.7356		31,264.0171	31,264.0171	0.6745		31,280.8796
<b>Total</b>	<b>18.5818</b>	<b>104.9804</b>	<b>130.0505</b>	<b>0.5895</b>	<b>46.7558</b>	<b>0.3877</b>	<b>47.1434</b>	<b>12.5630</b>	<b>0.3619</b>	<b>12.9249</b>		<b>60,537.2049</b>	<b>60,537.2049</b>	<b>2.2545</b>		<b>60,593.5683</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6110	93.5705	25.4014	0.2741	7.1455	0.1316	7.2772	2.0559	0.1259	2.1818		29,109.92 84	29,109.92 84	1.5613		29,148.96 16
Worker	14.9969	8.7555	95.4816	0.3011	39.6096	0.2439	39.8535	10.5068	0.2245	10.7313		30,012.81 15	30,012.81 15	0.6104		30,028.07 19
<b>Total</b>	<b>17.6079</b>	<b>102.3260</b>	<b>120.8830</b>	<b>0.5752</b>	<b>46.7551</b>	<b>0.3755</b>	<b>47.1306</b>	<b>12.5628</b>	<b>0.3504</b>	<b>12.9131</b>		<b>59,122.73 99</b>	<b>59,122.73 99</b>	<b>2.1718</b>		<b>59,177.03 35</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6110	93.5705	25.4014	0.2741	7.1455	0.1316	7.2772	2.0559	0.1259	2.1818		29,109.9284	29,109.9284	1.5613		29,148.9616
Worker	14.9969	8.7555	95.4816	0.3011	39.6096	0.2439	39.8535	10.5068	0.2245	10.7313		30,012.8115	30,012.8115	0.6104		30,028.0719
<b>Total</b>	<b>17.6079</b>	<b>102.3260</b>	<b>120.8830</b>	<b>0.5752</b>	<b>46.7551</b>	<b>0.3755</b>	<b>47.1306</b>	<b>12.5628</b>	<b>0.3504</b>	<b>12.9131</b>		<b>59,122.7399</b>	<b>59,122.7399</b>	<b>2.1718</b>		<b>59,177.0335</b>

**3.5 Building Construction - 2026**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5111	91.8911	24.2274	0.2726	7.1450	0.1241	7.2690	2.0557	0.1186	2.1744		28,955.01 35	28,955.01 35	1.5444		28,993.62 42
Worker	14.2414	7.9980	88.7598	0.2899	39.6096	0.2367	39.8463	10.5068	0.2179	10.7247		28,897.86 94	28,897.86 94	0.5550		28,911.743 1
<b>Total</b>	<b>16.7524</b>	<b>99.8891</b>	<b>112.9872</b>	<b>0.5624</b>	<b>46.7546</b>	<b>0.3608</b>	<b>47.1154</b>	<b>12.5625</b>	<b>0.3365</b>	<b>12.8991</b>		<b>57,852.88 30</b>	<b>57,852.88 30</b>	<b>2.0994</b>		<b>57,905.36 73</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5111	91.8911	24.2274	0.2726	7.1450	0.1241	7.2690	2.0557	0.1186	2.1744		28,955.01 35	28,955.01 35	1.5444		28,993.62 42
Worker	14.2414	7.9980	88.7598	0.2899	39.6096	0.2367	39.8463	10.5068	0.2179	10.7247		28,897.86 94	28,897.86 94	0.5550		28,911.743 1
<b>Total</b>	<b>16.7524</b>	<b>99.8891</b>	<b>112.9872</b>	<b>0.5624</b>	<b>46.7546</b>	<b>0.3608</b>	<b>47.1154</b>	<b>12.5625</b>	<b>0.3365</b>	<b>12.8991</b>		<b>57,852.88 30</b>	<b>57,852.88 30</b>	<b>2.0994</b>		<b>57,905.36 73</b>

**3.5 Building Construction - 2027**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2027**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4234	90.3468	23.2061	0.2711	7.1445	0.1178	7.2622	2.0555	0.1126	2.1681		28,809.24 93	28,809.24 93	1.5279		28,847.44 68
Worker	13.4977	7.3178	82.6938	0.2798	39.6096	0.2251	39.8347	10.5068	0.2071	10.7140		27,899.37 91	27,899.37 91	0.5050		27,912.00 31
<b>Total</b>	<b>15.9211</b>	<b>97.6646</b>	<b>105.8999</b>	<b>0.5509</b>	<b>46.7541</b>	<b>0.3428</b>	<b>47.0969</b>	<b>12.5624</b>	<b>0.3197</b>	<b>12.8821</b>		<b>56,708.62 84</b>	<b>56,708.62 84</b>	<b>2.0329</b>		<b>56,759.44 99</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2027**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4234	90.3468	23.2061	0.2711	7.1445	0.1178	7.2622	2.0555	0.1126	2.1681		28,809.24 93	28,809.24 93	1.5279		28,847.44 68
Worker	13.4977	7.3178	82.6938	0.2798	39.6096	0.2251	39.8347	10.5068	0.2071	10.7140		27,899.37 91	27,899.37 91	0.5050		27,912.00 31
<b>Total</b>	<b>15.9211</b>	<b>97.6646</b>	<b>105.8999</b>	<b>0.5509</b>	<b>46.7541</b>	<b>0.3428</b>	<b>47.0969</b>	<b>12.5624</b>	<b>0.3197</b>	<b>12.8821</b>		<b>56,708.62 84</b>	<b>56,708.62 84</b>	<b>2.0329</b>		<b>56,759.44 99</b>

**3.5 Building Construction - 2028**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2028**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3456	89.0365	22.3407	0.2698	7.1441	0.1122	7.2562	2.0554	0.1073	2.1626		28,685.42 41	28,685.42 41	1.5110		28,723.20 02
Worker	12.7170	6.7137	77.3576	0.2709	39.6096	0.2100	39.8197	10.5068	0.1933	10.7001		27,012.75 64	27,012.75 64	0.4620		27,024.30 53
<b>Total</b>	<b>15.0626</b>	<b>95.7501</b>	<b>99.6983</b>	<b>0.5407</b>	<b>46.7537</b>	<b>0.3222</b>	<b>47.0759</b>	<b>12.5622</b>	<b>0.3005</b>	<b>12.8628</b>		<b>55,698.18 06</b>	<b>55,698.18 06</b>	<b>1.9730</b>		<b>55,747.50 54</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2028**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3456	89.0365	22.3407	0.2698	7.1441	0.1122	7.2562	2.0554	0.1073	2.1626		28,685.42 41	28,685.42 41	1.5110		28,723.20 02
Worker	12.7170	6.7137	77.3576	0.2709	39.6096	0.2100	39.8197	10.5068	0.1933	10.7001		27,012.75 64	27,012.75 64	0.4620		27,024.30 53
<b>Total</b>	<b>15.0626</b>	<b>95.7501</b>	<b>99.6983</b>	<b>0.5407</b>	<b>46.7537</b>	<b>0.3222</b>	<b>47.0759</b>	<b>12.5622</b>	<b>0.3005</b>	<b>12.8628</b>		<b>55,698.18 06</b>	<b>55,698.18 06</b>	<b>1.9730</b>		<b>55,747.50 54</b>

**3.5 Building Construction - 2029**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2029**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2754	87.7901	21.6134	0.2687	7.1437	0.1065	7.2501	2.0552	0.1018	2.1570		28,572.6966	28,572.6966	1.4942		28,610.0524
Worker	11.8607	6.1496	72.2228	0.2629	39.6096	0.1956	39.8053	10.5068	0.1800	10.6868		26,226.6656	26,226.6656	0.4210		26,237.1894
<b>Total</b>	<b>14.1360</b>	<b>93.9397</b>	<b>93.8362</b>	<b>0.5316</b>	<b>46.7533</b>	<b>0.3021</b>	<b>47.0554</b>	<b>12.5621</b>	<b>0.2818</b>	<b>12.8439</b>		<b>54,799.3622</b>	<b>54,799.3622</b>	<b>1.9152</b>		<b>54,847.2418</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2029**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2754	87.7901	21.6134	0.2687	7.1437	0.1065	7.2501	2.0552	0.1018	2.1570		28,572.6966	28,572.6966	1.4942		28,610.0524
Worker	11.8607	6.1496	72.2228	0.2629	39.6096	0.1956	39.8053	10.5068	0.1800	10.6868		26,226.6656	26,226.6656	0.4210		26,237.1894
<b>Total</b>	<b>14.1360</b>	<b>93.9397</b>	<b>93.8362</b>	<b>0.5316</b>	<b>46.7533</b>	<b>0.3021</b>	<b>47.0554</b>	<b>12.5621</b>	<b>0.2818</b>	<b>12.8439</b>		<b>54,799.3622</b>	<b>54,799.3622</b>	<b>1.9152</b>		<b>54,847.2418</b>

**3.5 Building Construction - 2030**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2030**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2121	86.6224	21.0134	0.2677	7.1433	0.1007	7.2440	2.0551	0.0963	2.1514		28,471.74 95	28,471.74 95	1.4768		28,508.66 91
Worker	11.0317	5.6406	67.6038	0.2559	39.6096	0.1822	39.7919	10.5068	0.1677	10.6745		25,533.99 16	25,533.99 16	0.3845		25,543.60 36
<b>Total</b>	<b>13.2438</b>	<b>92.2630</b>	<b>88.6171</b>	<b>0.5236</b>	<b>46.7529</b>	<b>0.2830</b>	<b>47.0359</b>	<b>12.5619</b>	<b>0.2640</b>	<b>12.8259</b>		<b>54,005.74 12</b>	<b>54,005.74 12</b>	<b>1.8613</b>		<b>54,052.27 27</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2030**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2121	86.6224	21.0134	0.2677	7.1433	0.1007	7.2440	2.0551	0.0963	2.1514		28,471.74 95	28,471.74 95	1.4768		28,508.66 91
Worker	11.0317	5.6406	67.6038	0.2559	39.6096	0.1822	39.7919	10.5068	0.1677	10.6745		25,533.99 16	25,533.99 16	0.3845		25,543.60 36
<b>Total</b>	<b>13.2438</b>	<b>92.2630</b>	<b>88.6171</b>	<b>0.5236</b>	<b>46.7529</b>	<b>0.2830</b>	<b>47.0359</b>	<b>12.5619</b>	<b>0.2640</b>	<b>12.8259</b>		<b>54,005.74 12</b>	<b>54,005.74 12</b>	<b>1.8613</b>		<b>54,052.27 27</b>

**3.5 Building Construction - 2031**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2031**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1586	85.5638	20.5196	0.2668	7.1431	0.0956	7.2387	2.0550	0.0914	2.1464		28,385.7165	28,385.7165	1.4617		28,422.2598
Worker	10.1491	5.1598	63.1882	0.2498	39.6096	0.1695	39.7791	10.5068	0.1559	10.6628		24,926.1546	24,926.1546	0.3503		24,934.9118
<b>Total</b>	<b>12.3076</b>	<b>90.7236</b>	<b>83.7078</b>	<b>0.5166</b>	<b>46.7527</b>	<b>0.2651</b>	<b>47.0178</b>	<b>12.5618</b>	<b>0.2473</b>	<b>12.8092</b>		<b>53,311.8711</b>	<b>53,311.8711</b>	<b>1.8120</b>		<b>53,357.1717</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2031**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1586	85.5638	20.5196	0.2668	7.1431	0.0956	7.2387	2.0550	0.0914	2.1464		28,385.7165	28,385.7165	1.4617		28,422.2598
Worker	10.1491	5.1598	63.1882	0.2498	39.6096	0.1695	39.7791	10.5068	0.1559	10.6628		24,926.1546	24,926.1546	0.3503		24,934.9118
<b>Total</b>	<b>12.3076</b>	<b>90.7236</b>	<b>83.7078</b>	<b>0.5166</b>	<b>46.7527</b>	<b>0.2651</b>	<b>47.0178</b>	<b>12.5618</b>	<b>0.2473</b>	<b>12.8092</b>		<b>53,311.8711</b>	<b>53,311.8711</b>	<b>1.8120</b>		<b>53,357.1717</b>

**3.5 Building Construction - 2032**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2032**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1141	84.5818	20.1273	0.2661	7.1428	0.0916	7.2344	2.0549	0.0875	2.1425		28,315.2811	28,315.2811	1.4485		28,351.4930
Worker	9.3608	4.7455	59.2989	0.2444	39.6096	0.1577	39.7673	10.5068	0.1451	10.6519		24,396.8710	24,396.8710	0.3205		24,404.8839
<b>Total</b>	<b>11.4749</b>	<b>89.3272</b>	<b>79.4261</b>	<b>0.5106</b>	<b>46.7524</b>	<b>0.2493</b>	<b>47.0017</b>	<b>12.5617</b>	<b>0.2326</b>	<b>12.7943</b>		<b>52,712.1521</b>	<b>52,712.1521</b>	<b>1.7690</b>		<b>52,756.3770</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2032**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1141	84.5818	20.1273	0.2661	7.1428	0.0916	7.2344	2.0549	0.0875	2.1425		28,315.2811	28,315.2811	1.4485		28,351.4930
Worker	9.3608	4.7455	59.2989	0.2444	39.6096	0.1577	39.7673	10.5068	0.1451	10.6519		24,396.8710	24,396.8710	0.3205		24,404.8839
<b>Total</b>	<b>11.4749</b>	<b>89.3272</b>	<b>79.4261</b>	<b>0.5106</b>	<b>46.7524</b>	<b>0.2493</b>	<b>47.0017</b>	<b>12.5617</b>	<b>0.2326</b>	<b>12.7943</b>		<b>52,712.1521</b>	<b>52,712.1521</b>	<b>1.7690</b>		<b>52,756.3770</b>

**3.5 Building Construction - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0766	83.7085	19.7940	0.2655	7.1426	0.0881	7.2307	2.0549	0.0843	2.1391		28,253.44 28	28,253.44 28	1.4368		28,289.36 21
Worker	8.7197	4.4063	56.0231	0.2398	39.6096	0.1471	39.7567	10.5068	0.1353	10.6421		23,940.61 55	23,940.61 55	0.2957		23,948.00 87
<b>Total</b>	<b>10.7962</b>	<b>88.1148</b>	<b>75.8171</b>	<b>0.5053</b>	<b>46.7522</b>	<b>0.2352</b>	<b>46.9874</b>	<b>12.5617</b>	<b>0.2196</b>	<b>12.7812</b>		<b>52,194.05 84</b>	<b>52,194.05 84</b>	<b>1.7325</b>		<b>52,237.37 08</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0766	83.7085	19.7940	0.2655	7.1426	0.0881	7.2307	2.0549	0.0843	2.1391		28,253.44 28	28,253.44 28	1.4368		28,289.36 21
Worker	8.7197	4.4063	56.0231	0.2398	39.6096	0.1471	39.7567	10.5068	0.1353	10.6421		23,940.61 55	23,940.61 55	0.2957		23,948.00 87
<b>Total</b>	<b>10.7962</b>	<b>88.1148</b>	<b>75.8171</b>	<b>0.5053</b>	<b>46.7522</b>	<b>0.2352</b>	<b>46.9874</b>	<b>12.5617</b>	<b>0.2196</b>	<b>12.7812</b>		<b>52,194.05 84</b>	<b>52,194.05 84</b>	<b>1.7325</b>		<b>52,237.37 08</b>

**3.5 Building Construction - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0419	82.8990	19.4904	0.2650	7.1424	0.0848	7.2272	2.0548	0.0811	2.1358		28,201.2999	28,201.2999	1.4258		28,236.9445
Worker	8.1585	4.1171	52.9227	0.2358	39.6096	0.1372	39.7468	10.5068	0.1262	10.6330		23,546.4388	23,546.4388	0.2726		23,553.2532
<b>Total</b>	<b>10.2003</b>	<b>87.0161</b>	<b>72.4131</b>	<b>0.5008</b>	<b>46.7520</b>	<b>0.2220</b>	<b>46.9740</b>	<b>12.5616</b>	<b>0.2073</b>	<b>12.7689</b>		<b>51,747.7387</b>	<b>51,747.7387</b>	<b>1.6984</b>		<b>51,790.1977</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0419	82.8990	19.4904	0.2650	7.1424	0.0848	7.2272	2.0548	0.0811	2.1358		28,201.29 99	28,201.29 99	1.4258		28,236.94 45
Worker	8.1585	4.1171	52.9227	0.2358	39.6096	0.1372	39.7468	10.5068	0.1262	10.6330		23,546.43 88	23,546.43 88	0.2726		23,553.25 32
<b>Total</b>	<b>10.2003</b>	<b>87.0161</b>	<b>72.4131</b>	<b>0.5008</b>	<b>46.7520</b>	<b>0.2220</b>	<b>46.9740</b>	<b>12.5616</b>	<b>0.2073</b>	<b>12.7689</b>		<b>51,747.73 87</b>	<b>51,747.73 87</b>	<b>1.6984</b>		<b>51,790.19 77</b>

**3.5 Building Construction - 2035**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2035**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2035**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2036**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2036**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2036**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2037**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2037**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2037**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2038**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2038**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

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**3.5 Building Construction - 2038**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2039**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2039**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

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**3.5 Building Construction - 2039**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2040**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>		<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2040**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>	<b>0.0000</b>	<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2040**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**3.5 Building Construction - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>		<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>	<b>0.0000</b>	<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**3.6 Paving - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>		<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.6 Paving - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.6 Paving - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**3.6 Paving - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>		<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.6 Paving - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.6 Paving - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**3.7 Architectural Coating - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**3.7 Architectural Coating - 2043**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2043**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2043**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Integrate Below Market Rate Housing

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	32.1190	185.8499	349.6608	1.4292	170.3417	0.7877	171.1294	45.4786	0.7317	46.2103		145,953.7924	145,953.7924	6.2341		146,109.6449
Unmitigated	32.2460	186.4951	352.5024	1.4447	172.4106	0.7951	173.2057	46.0310	0.7386	46.7695		147,534.5953	147,534.5953	6.2819		147,691.6415

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	10,972.35	11,921.40	10106.55	13,501,464	13,339,447
Apartments Mid Rise	20,515.25	19,713.15	18078.10	34,799,150	34,381,560
City Park	150.26	1,808.63	1330.83	1,025,459	1,013,153
Condo/Townhouse	871.50	850.50	726.00	2,175,327	2,149,223
Elementary School	1,535.29	0.00	0.00	2,306,054	2,278,381
General Light Industry	1,290.84	244.46	125.94	2,696,455	2,664,098
Racquet Club	883.89	1,345.05	1096.20	1,294,152	1,278,622
Regional Shopping Center	10,419.65	12,193.68	6159.06	14,063,079	13,894,322
<b>Total</b>	<b>46,639.03</b>	<b>48,076.87</b>	<b>37,622.68</b>	<b>71,861,140</b>	<b>70,998,807</b>

4.3 Trip Type Information

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	1.10	5.00	6.50	46.50	12.50	41.00	86	11	3
Apartments Mid Rise	4.47	5.00	6.50	46.50	12.50	41.00	86	11	3
City Park	10.00	5.00	6.50	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Elementary School	10.00	5.00	6.50	65.00	30.00	5.00	63	25	12
General Light Industry	10.00	5.00	6.50	59.00	28.00	13.00	92	5	3
Racquet Club	10.00	5.00	6.50	11.50	69.50	19.00	52	39	9
Regional Shopping Center	10.00	5.00	6.50	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Apartments Mid Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
City Park	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Condo/Townhouse	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Elementary School	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
General Light Industry	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Racquet Club	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Regional Shopping Center	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.7672	15.2905	7.8124	0.0964		1.2210	1.2210		1.2210	1.2210		19,278.5131	19,278.5131	0.3695	0.3534	19,393.0757
NaturalGas Unmitigated	1.7672	15.2905	7.8124	0.0964		1.2210	1.2210		1.2210	1.2210		19,278.5131	19,278.5131	0.3695	0.3534	19,393.0757

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	49608.8	0.5350	4.5718	1.9454	0.0292		0.3696	0.3696		0.3696	0.3696		5,836.3281	5,836.3281	0.1119	0.1070	5,871.0105
Apartments Mid Rise	74633	0.8049	6.8779	2.9268	0.0439		0.5561	0.5561		0.5561	0.5561		8,780.3525	8,780.3525	0.1683	0.1610	8,832.5297
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	7491.33	0.0808	0.6904	0.2938	4.4100e-003		0.0558	0.0558		0.0558	0.0558		881.3328	881.3328	0.0169	0.0162	886.5701
Elementary School	4159.92	0.0449	0.4078	0.3426	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.4021	489.4021	9.3800e-003	8.9700e-003	492.3104
General Light Industry	18169.9	0.1960	1.7814	1.4963	0.0107		0.1354	0.1354		0.1354	0.1354		2,137.6348	2,137.6348	0.0410	0.0392	2,150.3377
Racquet Club	6180.9	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3623.53	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.7672</b>	<b>15.2905</b>	<b>7.8124</b>	<b>0.0964</b>		<b>1.2210</b>	<b>1.2210</b>		<b>1.2210</b>	<b>1.2210</b>		<b>19,278.5131</b>	<b>19,278.5131</b>	<b>0.3695</b>	<b>0.3534</b>	<b>19,393.0757</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	49.6088	0.5350	4.5718	1.9454	0.0292		0.3696	0.3696		0.3696	0.3696		5,836.3281	5,836.3281	0.1119	0.1070	5,871.0105
Apartments Mid Rise	74.633	0.8049	6.8779	2.9268	0.0439		0.5561	0.5561		0.5561	0.5561		8,780.3525	8,780.3525	0.1683	0.1610	8,832.5297
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	7.49133	0.0808	0.6904	0.2938	4.4100e-003		0.0558	0.0558		0.0558	0.0558		881.3328	881.3328	0.0169	0.0162	886.5701
Elementary School	4.15992	0.0449	0.4078	0.3426	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.4021	489.4021	9.3800e-003	8.9700e-003	492.3104
General Light Industry	18.1699	0.1960	1.7814	1.4963	0.0107		0.1354	0.1354		0.1354	0.1354		2,137.6348	2,137.6348	0.0410	0.0392	2,150.3377
Racquet Club	6.1809	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3.62353	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.7672</b>	<b>15.2905</b>	<b>7.8124</b>	<b>0.0964</b>		<b>1.2210</b>	<b>1.2210</b>		<b>1.2210</b>	<b>1.2210</b>		<b>19,278.5131</b>	<b>19,278.5131</b>	<b>0.3695</b>	<b>0.3534</b>	<b>19,393.0757</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Unmitigated	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.3031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.7012					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0509	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421		728.0532	728.0532	0.6933		745.3858
<b>Total</b>	<b>148.0552</b>	<b>4.6482</b>	<b>402.9034</b>	<b>0.0214</b>		<b>2.2421</b>	<b>2.2421</b>		<b>2.2421</b>	<b>2.2421</b>	<b>0.0000</b>	<b>728.0532</b>	<b>728.0532</b>	<b>0.6933</b>	<b>0.0000</b>	<b>745.3858</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.3031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.7012					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0509	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421		728.0532	728.0532	0.6933		745.3858
<b>Total</b>	<b>148.0552</b>	<b>4.6482</b>	<b>402.9034</b>	<b>0.0214</b>		<b>2.2421</b>	<b>2.2421</b>		<b>2.2421</b>	<b>2.2421</b>	<b>0.0000</b>	<b>728.0532</b>	<b>728.0532</b>	<b>0.6933</b>	<b>0.0000</b>	<b>745.3858</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**West Broadway Future\_VMT Adj\_incl Project Features**  
**Sacramento County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	99.50	1000sqft	2.28	99,500.00	0
General Light Industry	185.20	1000sqft	4.25	185,200.00	0
City Park	79.50	Acre	79.50	3,463,020.00	0
Racquet Club	63.00	1000sqft	1.45	63,000.00	0
Apartments Low Rise	1,665.00	Dwelling Unit	104.06	1,665,000.00	4446
Apartments Mid Rise	3,085.00	Dwelling Unit	81.18	3,085,000.00	8237
Condo/Townhouse	150.00	Dwelling Unit	9.38	150,000.00	401
Regional Shopping Center	244.02	1000sqft	5.60	244,020.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.5	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	6			<b>Operational Year</b>	2035
<b>Utility Company</b>	Sacramento Municipal Utility District				
<b>CO2 Intensity (lb/MW hr)</b>	143.85	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Mobile Land Use Mitigation -  
 Area Mitigation -

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

Table Name	Column Name	Default Value	New Value
tblEnergyUse	T24E	511.12	240.23
tblEnergyUse	T24E	460.92	428.66
tblEnergyUse	T24E	381.61	354.90
tblEnergyUse	T24E	3.41	2.39
tblEnergyUse	T24E	3.26	2.28
tblEnergyUse	T24NG	9,411.72	7,999.96
tblEnergyUse	T24NG	7,061.10	6,001.94
tblEnergyUse	T24NG	17,864.25	15,184.61
tblProjectCharacteristics	CO2IntensityFactor	590.31	143.85
tblVehicleTrips	HW_TL	10.00	1.10
tblVehicleTrips	HW_TL	10.00	4.47

## 2.0 Emissions Summary

### 2.1 Overall Construction (Maximum Daily Emission)

#### Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.4031	34.1972	22.4625	0.0428	0.9636	1.6630	2.6266	0.1669	1.5460	1.7128	0.0000	4,161.0109	4,161.0109	1.0780	0.0000	4,187.9619
2021	4.2713	46.4409	31.4768	0.0636	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,160.3393	6,160.3393	1.9469	0.0000	6,209.0112
2022	3.6996	38.8804	29.5925	0.0636	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,159.2088	6,159.2088	1.9479	0.0000	6,207.9058
2023	22.4719	119.2605	173.1881	0.6835	46.7565	1.4255	47.8455	12.5632	1.3114	13.5850	0.0000	69,810.4029	69,810.4029	2.9444	0.0000	69,884.0130

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	21.1338	115.6870	161.9332	0.6672	46.7558	0.9904	47.7462	12.5630	0.9287	13.4917	0.0000	68,192.73 27	68,192.73 27	2.8390	0.0000	68,263.70 70
2025	19.9569	112.2740	151.7380	0.6511	46.7551	0.8936	47.6488	12.5628	0.8376	13.4004	0.0000	66,595.65 57	66,595.65 57	2.7463	0.0000	66,664.31 25
2026	19.0027	110.0231	143.0229	0.6366	46.7546	0.8801	47.6347	12.5625	0.8249	13.3875	0.0000	65,163.09 79	65,163.09 79	2.6682	0.0000	65,229.80 32
2027	18.0807	107.9678	135.1941	0.6236	46.7541	0.8631	47.6171	12.5624	0.8090	13.3713	0.0000	63,874.92 07	63,874.92 07	2.5966	0.0000	63,939.83 67
2028	17.1520	106.1917	128.3256	0.6121	46.7537	0.8433	47.5969	12.5622	0.7906	13.3528	0.0000	62,737.23 79	62,737.23 79	2.5328	0.0000	62,800.55 71
2029	16.1568	104.5102	121.8388	0.6020	46.7533	0.8240	47.5773	12.5621	0.7727	13.3347	0.0000	61,726.94 21	61,726.94 21	2.4713	0.0000	61,788.72 42
2030	15.1379	98.4166	116.1306	0.5970	46.7529	0.4263	47.1793	12.5619	0.4075	12.9695	0.0000	61,177.47 63	61,177.47 63	1.9297	0.0000	61,225.71 77
2031	14.1377	96.9869	110.7029	0.5891	46.7527	0.4092	47.1619	12.5618	0.3916	12.9535	0.0000	60,399.97 36	60,399.97 36	1.8776	0.0000	60,446.91 29
2032	13.2426	95.6826	105.9571	0.5824	46.7524	0.3939	47.1463	12.5617	0.3774	12.9391	0.0000	59,728.18 29	59,728.18 29	1.8321	0.0000	59,773.98 47
2033	12.5072	94.5469	101.9519	0.5765	46.7522	0.3803	47.1325	12.5617	0.3647	12.9264	0.0000	59,148.32 75	59,148.32 75	1.7936	0.0000	59,193.16 64
2034	11.8418	93.5149	98.1731	0.5715	46.7520	0.3674	47.1195	12.5616	0.3528	12.9144	0.0000	58,649.27 77	58,649.27 77	1.7576	0.0000	58,693.21 75
2035	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.36 85	58,226.36 85	1.7179	0.0000	58,269.31 64
2036	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.36 85	58,226.36 85	1.7179	0.0000	58,269.31 64
2037	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.36 85	58,226.36 85	1.7179	0.0000	58,269.31 64
2038	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.36 85	58,226.36 85	1.7179	0.0000	58,269.31 64
2039	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.36 85	58,226.36 85	1.7179	0.0000	58,269.31 64
2040	9.0426	88.6590	84.9205	0.5548	46.7513	0.2459	46.9972	12.5613	0.2347	12.7960	0.0000	56,996.96 60	56,996.96 60	1.6108	0.0000	57,037.23 47
2041	9.0426	88.6590	84.9205	0.5548	46.7513	0.2459	46.9972	12.5613	0.2347	12.7960	0.0000	56,996.96 60	56,996.96 60	1.6108	0.0000	57,037.23 47

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2042	203.7631	3.6641	15.9692	0.0536	7.9189	0.1167	7.9460	2.1006	0.1167	2.1261	0.0000	5,339.707 2	5,339.707 2	0.0899	0.0000	5,341.107 0
2043	203.7631	1.2458	12.3048	0.0536	7.9189	0.0271	7.9460	2.1006	0.0255	2.1261	0.0000	5,339.707 2	5,339.707 2	0.0560	0.0000	5,341.107 0
<b>Maximum</b>	<b>203.7631</b>	<b>119.2605</b>	<b>173.1881</b>	<b>0.6835</b>	<b>46.7565</b>	<b>2.0454</b>	<b>47.8455</b>	<b>12.5632</b>	<b>1.8818</b>	<b>13.5850</b>	<b>0.0000</b>	<b>69,810.40 29</b>	<b>69,810.40 29</b>	<b>2.9444</b>	<b>0.0000</b>	<b>69,884.01 30</b>

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.4031	34.1972	22.4625	0.0428	0.9636	1.6630	2.6266	0.1669	1.5460	1.7128	0.0000	4,161.010 9	4,161.010 9	1.0780	0.0000	4,187.961 9
2021	4.2713	46.4409	31.4768	0.0636	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,160.339 2	6,160.339 2	1.9469	0.0000	6,209.0112
2022	3.6996	38.8804	29.5925	0.0636	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,159.208 8	6,159.208 8	1.9479	0.0000	6,207.905 8
2023	22.4719	119.2605	173.1881	0.6835	46.7565	1.4255	47.8455	12.5632	1.3114	13.5850	0.0000	69,810.40 29	69,810.40 29	2.9444	0.0000	69,884.01 30
2024	21.1338	115.6870	161.9332	0.6672	46.7558	0.9904	47.7462	12.5630	0.9287	13.4917	0.0000	68,192.73 27	68,192.73 27	2.8390	0.0000	68,263.70 70
2025	19.9569	112.2740	151.7380	0.6511	46.7551	0.8936	47.6488	12.5628	0.8376	13.4004	0.0000	66,595.65 57	66,595.65 57	2.7463	0.0000	66,664.31 25
2026	19.0027	110.0231	143.0229	0.6366	46.7546	0.8801	47.6347	12.5625	0.8249	13.3875	0.0000	65,163.09 79	65,163.09 79	2.6682	0.0000	65,229.80 32
2027	18.0807	107.9678	135.1941	0.6236	46.7541	0.8631	47.6171	12.5624	0.8090	13.3713	0.0000	63,874.92 07	63,874.92 07	2.5966	0.0000	63,939.83 67
2028	17.1520	106.1917	128.3256	0.6121	46.7537	0.8433	47.5969	12.5622	0.7906	13.3528	0.0000	62,737.23 79	62,737.23 79	2.5328	0.0000	62,800.55 71

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2029	16.1568	104.5102	121.8388	0.6020	46.7533	0.8240	47.5773	12.5621	0.7727	13.3347	0.0000	61,726.94 21	61,726.94 21	2.4713	0.0000	61,788.72 42
2030	15.1379	98.4166	116.1306	0.5970	46.7529	0.4263	47.1793	12.5619	0.4075	12.9695	0.0000	61,177.47 63	61,177.47 63	1.9297	0.0000	61,225.71 77
2031	14.1377	96.9869	110.7029	0.5891	46.7527	0.4092	47.1619	12.5618	0.3916	12.9535	0.0000	60,399.97 36	60,399.97 36	1.8776	0.0000	60,446.91 29
2032	13.2426	95.6826	105.9571	0.5824	46.7524	0.3939	47.1463	12.5617	0.3774	12.9391	0.0000	59,728.18 29	59,728.18 29	1.8321	0.0000	59,773.98 47
2033	12.5072	94.5469	101.9519	0.5765	46.7522	0.3803	47.1325	12.5617	0.3647	12.9264	0.0000	59,148.32 75	59,148.32 75	1.7936	0.0000	59,193.16 64
2034	11.8418	93.5149	98.1731	0.5715	46.7520	0.3674	47.1195	12.5616	0.3528	12.9144	0.0000	58,649.27 77	58,649.27 77	1.7576	0.0000	58,693.21 75
2035	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.36 85	58,226.36 85	1.7179	0.0000	58,269.31 64
2036	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.36 85	58,226.36 85	1.7179	0.0000	58,269.31 64
2037	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.36 85	58,226.36 85	1.7179	0.0000	58,269.31 64
2038	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.36 85	58,226.36 85	1.7179	0.0000	58,269.31 64
2039	11.1728	91.8527	94.9031	0.5672	46.7519	0.2983	47.0503	12.5616	0.2845	12.8461	0.0000	58,226.36 85	58,226.36 85	1.7179	0.0000	58,269.31 64
2040	9.0426	88.6590	84.9205	0.5548	46.7513	0.2459	46.9972	12.5613	0.2347	12.7960	0.0000	56,996.96 60	56,996.96 60	1.6108	0.0000	57,037.23 47
2041	9.0426	88.6590	84.9205	0.5548	46.7513	0.2459	46.9972	12.5613	0.2347	12.7960	0.0000	56,996.96 60	56,996.96 60	1.6108	0.0000	57,037.23 47
2042	203.7631	3.6641	15.9692	0.0536	7.9189	0.1167	7.9460	2.1006	0.1167	2.1261	0.0000	5,339.707 2	5,339.707 2	0.0899	0.0000	5,341.107 0
2043	203.7631	1.2458	12.3048	0.0536	7.9189	0.0271	7.9460	2.1006	0.0255	2.1261	0.0000	5,339.707 2	5,339.707 2	0.0560	0.0000	5,341.107 0
<b>Maximum</b>	<b>203.7631</b>	<b>119.2605</b>	<b>173.1881</b>	<b>0.6835</b>	<b>46.7565</b>	<b>2.0454</b>	<b>47.8455</b>	<b>12.5632</b>	<b>1.8818</b>	<b>13.5850</b>	<b>0.0000</b>	<b>69,810.40 29</b>	<b>69,810.40 29</b>	<b>2.9444</b>	<b>0.0000</b>	<b>69,884.01 30</b>





West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Energy	1.7435	15.0879	7.7261	0.0951		1.2046	1.2046		1.2046	1.2046		19,019.7900	19,019.7900	0.3646	0.3487	19,132.8151
Mobile	46.7006	181.9336	372.0580	1.5920	172.4106	0.7899	173.2004	46.0310	0.7335	46.7645		162,360.3128	162,360.3128	6.0713		162,512.0965
<b>Total</b>	<b>196.4993</b>	<b>201.6696</b>	<b>782.6875</b>	<b>1.7084</b>	<b>172.4106</b>	<b>4.2365</b>	<b>176.6471</b>	<b>46.0310</b>	<b>4.1801</b>	<b>50.2111</b>	<b>0.0000</b>	<b>182,108.1560</b>	<b>182,108.1560</b>	<b>7.1292</b>	<b>0.3487</b>	<b>182,390.2973</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Energy	1.7435	15.0879	7.7261	0.0951		1.2046	1.2046		1.2046	1.2046		19,019.7900	19,019.7900	0.3646	0.3487	19,132.8151
Mobile	46.5717	181.3661	368.5582	1.5749	170.3417	0.7824	171.1241	45.4786	0.7266	46.2052		160,621.2080	160,621.2080	6.0219		160,771.7547
<b>Total</b>	<b>196.3703</b>	<b>201.1021</b>	<b>779.1877</b>	<b>1.6913</b>	<b>170.3417</b>	<b>4.2291</b>	<b>174.5708</b>	<b>45.4786</b>	<b>4.1732</b>	<b>49.6518</b>	<b>0.0000</b>	<b>180,369.0512</b>	<b>180,369.0512</b>	<b>7.0797</b>	<b>0.3487</b>	<b>180,649.9555</b>

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.07	0.28	0.45	1.00	1.20	0.17	1.18	1.20	0.16	1.11	0.00	0.95	0.95	0.69	0.00	0.95

### 3.0 Construction Detail

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	2/23/2021	5	300	
2	Site Preparation	Site Preparation	2/24/2021	11/2/2021	5	180	
3	Grading	Grading	11/3/2021	8/15/2023	5	465	
4	Building Construction	Building Construction	8/16/2023	6/11/2041	5	4650	
5	Paving	Paving	6/12/2041	9/16/2042	5	330	
6	Architectural Coating	Architectural Coating	9/17/2042	12/22/2043	5	330	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 887,580; Non-Residential Outdoor: 295,860; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	1,040.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,207.00	1,188.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,041.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>		<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0263	0.9619	0.2196	2.7500e-003	0.0670	3.5200e-003	0.0705	0.0181	3.3600e-003	0.0215		294.2791	294.2791	0.0167		294.6961
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0343	0.4898	1.2000e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		119.0269	119.0269	3.4100e-003		119.1122
<b>Total</b>	<b>0.0910</b>	<b>0.9962</b>	<b>0.7093</b>	<b>3.9500e-003</b>	<b>0.1811</b>	<b>4.3100e-003</b>	<b>0.1854</b>	<b>0.0484</b>	<b>4.0900e-003</b>	<b>0.0525</b>		<b>413.3060</b>	<b>413.3060</b>	<b>0.0201</b>		<b>413.8083</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>	<b>0.0000</b>	<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0263	0.9619	0.2196	2.7500e-003	0.0670	3.5200e-003	0.0705	0.0181	3.3600e-003	0.0215		294.2791	294.2791	0.0167		294.6961
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0343	0.4898	1.2000e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		119.0269	119.0269	3.4100e-003		119.1122
<b>Total</b>	<b>0.0910</b>	<b>0.9962</b>	<b>0.7093</b>	<b>3.9500e-003</b>	<b>0.1811</b>	<b>4.3100e-003</b>	<b>0.1854</b>	<b>0.0484</b>	<b>4.0900e-003</b>	<b>0.0525</b>		<b>413.3060</b>	<b>413.3060</b>	<b>0.0201</b>		<b>413.8083</b>

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>		<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0244	0.8847	0.2035	2.7100e-003	0.3763	3.0900e-003	0.3794	0.0941	2.9600e-003	0.0970		290.8768	290.8768	0.0164		291.2859
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0601	0.0308	0.4487	1.1500e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		114.9719	114.9719	3.0600e-003		115.0483
<b>Total</b>	<b>0.0845</b>	<b>0.9155</b>	<b>0.6523</b>	<b>3.8600e-003</b>	<b>0.4904</b>	<b>3.8600e-003</b>	<b>0.4943</b>	<b>0.1243</b>	<b>3.6700e-003</b>	<b>0.1280</b>		<b>405.8487</b>	<b>405.8487</b>	<b>0.0194</b>		<b>406.3343</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>	<b>0.0000</b>	<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>



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**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0244	0.8847	0.2035	2.7100e-003	0.3763	3.0900e-003	0.3794	0.0941	2.9600e-003	0.0970		290.8768	290.8768	0.0164		291.2859
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0601	0.0308	0.4487	1.1500e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		114.9719	114.9719	3.0600e-003		115.0483
<b>Total</b>	<b>0.0845</b>	<b>0.9155</b>	<b>0.6523</b>	<b>3.8600e-003</b>	<b>0.4904</b>	<b>3.8600e-003</b>	<b>0.4943</b>	<b>0.1243</b>	<b>3.6700e-003</b>	<b>0.1280</b>		<b>405.8487</b>	<b>405.8487</b>	<b>0.0194</b>		<b>406.3343</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>		<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0721	0.0369	0.5385	1.3900e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		137.9662	137.9662	3.6700e-003		138.0580
<b>Total</b>	<b>0.0721</b>	<b>0.0369</b>	<b>0.5385</b>	<b>1.3900e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>137.9662</b>	<b>137.9662</b>	<b>3.6700e-003</b>		<b>138.0580</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>	<b>0.0000</b>	<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0721	0.0369	0.5385	1.3900e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		137.9662	137.9662	3.6700e-003		138.0580
<b>Total</b>	<b>0.0721</b>	<b>0.0369</b>	<b>0.5385</b>	<b>1.3900e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>137.9662</b>	<b>137.9662</b>	<b>3.6700e-003</b>		<b>138.0580</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>		<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

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**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0410	0.5983	1.5400e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		153.2958	153.2958	4.0800e-003		153.3978
<b>Total</b>	<b>0.0802</b>	<b>0.0410</b>	<b>0.5983</b>	<b>1.5400e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>153.2958</b>	<b>153.2958</b>	<b>4.0800e-003</b>		<b>153.3978</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>	<b>0.0000</b>	<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0410	0.5983	1.5400e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		153.2958	153.2958	4.0800e-003		153.3978
<b>Total</b>	<b>0.0802</b>	<b>0.0410</b>	<b>0.5983</b>	<b>1.5400e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>153.2958</b>	<b>153.2958</b>	<b>4.0800e-003</b>		<b>153.3978</b>

**3.4 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>		<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

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**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0748	0.0369	0.5510	1.4800e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		147.7983	147.7983	3.6700e-003		147.8899
<b>Total</b>	<b>0.0748</b>	<b>0.0369</b>	<b>0.5510</b>	<b>1.4800e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>147.7983</b>	<b>147.7983</b>	<b>3.6700e-003</b>		<b>147.8899</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>	<b>0.0000</b>	<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0748	0.0369	0.5510	1.4800e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		147.7983	147.7983	3.6700e-003		147.8899
<b>Total</b>	<b>0.0748</b>	<b>0.0369</b>	<b>0.5510</b>	<b>1.4800e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>147.7983</b>	<b>147.7983</b>	<b>3.6700e-003</b>		<b>147.8899</b>

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>		<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.4 Grading - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0699	0.0332	0.5072	1.4300e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		142.2416	142.2416	3.2900e-003		142.3238
<b>Total</b>	<b>0.0699</b>	<b>0.0332</b>	<b>0.5072</b>	<b>1.4300e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>142.2416</b>	<b>142.2416</b>	<b>3.2900e-003</b>		<b>142.3238</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>	<b>0.0000</b>	<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.4 Grading - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0699	0.0332	0.5072	1.4300e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		142.2416	142.2416	3.2900e-003		142.3238
<b>Total</b>	<b>0.0699</b>	<b>0.0332</b>	<b>0.5072</b>	<b>1.4300e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>142.2416</b>	<b>142.2416</b>	<b>3.2900e-003</b>		<b>142.3238</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6919	96.2269	24.9032	0.2849	7.1468	0.1352	7.2821	2.0564	0.1293	2.1857		30,222.5811	30,222.5811	1.4809		30,259.6023
Worker	18.2073	8.6487	132.0410	0.3718	39.6096	0.2541	39.8637	10.5068	0.2340	10.7409		37,032.6119	37,032.6119	0.8557		37,054.0046
<b>Total</b>	<b>20.8992</b>	<b>104.8756</b>	<b>156.9441</b>	<b>0.6566</b>	<b>46.7565</b>	<b>0.3893</b>	<b>47.1457</b>	<b>12.5632</b>	<b>0.3633</b>	<b>12.9265</b>		<b>67,255.1929</b>	<b>67,255.1929</b>	<b>2.3366</b>		<b>67,313.6070</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6919	96.2269	24.9032	0.2849	7.1468	0.1352	7.2821	2.0564	0.1293	2.1857		30,222.5811	30,222.5811	1.4809		30,259.6023
Worker	18.2073	8.6487	132.0410	0.3718	39.6096	0.2541	39.8637	10.5068	0.2340	10.7409		37,032.6119	37,032.6119	0.8557		37,054.0046
<b>Total</b>	<b>20.8992</b>	<b>104.8756</b>	<b>156.9441</b>	<b>0.6566</b>	<b>46.7565</b>	<b>0.3893</b>	<b>47.1457</b>	<b>12.5632</b>	<b>0.3633</b>	<b>12.9265</b>		<b>67,255.1929</b>	<b>67,255.1929</b>	<b>2.3366</b>		<b>67,313.6070</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>		<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5650	94.4237	23.2769	0.2830	7.1462	0.1286	7.2748	2.0562	0.1230	2.1791		30,045.88 59	30,045.88 59	1.4627		30,082.45 29
Worker	17.0973	7.8195	122.4894	0.3572	39.6096	0.2485	39.8581	10.5068	0.2288	10.7356		35,591.14 79	35,591.14 79	0.7719		35,610.44 64
<b>Total</b>	<b>19.6622</b>	<b>102.2432</b>	<b>145.7663</b>	<b>0.6402</b>	<b>46.7558</b>	<b>0.3771</b>	<b>47.1329</b>	<b>12.5630</b>	<b>0.3518</b>	<b>12.9148</b>		<b>65,637.03 38</b>	<b>65,637.03 38</b>	<b>2.2346</b>		<b>65,692.89 93</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.698 9	2,555.698 9	0.6044		2,570.807 7
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>	<b>0.0000</b>	<b>2,555.698 9</b>	<b>2,555.698 9</b>	<b>0.6044</b>		<b>2,570.807 7</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5650	94.4237	23.2769	0.2830	7.1462	0.1286	7.2748	2.0562	0.1230	2.1791		30,045.88 59	30,045.88 59	1.4627		30,082.45 29
Worker	17.0973	7.8195	122.4894	0.3572	39.6096	0.2485	39.8581	10.5068	0.2288	10.7356		35,591.14 79	35,591.14 79	0.7719		35,610.44 64
<b>Total</b>	<b>19.6622</b>	<b>102.2432</b>	<b>145.7663</b>	<b>0.6402</b>	<b>46.7558</b>	<b>0.3771</b>	<b>47.1329</b>	<b>12.5630</b>	<b>0.3518</b>	<b>12.9148</b>		<b>65,637.03 38</b>	<b>65,637.03 38</b>	<b>2.2346</b>		<b>65,692.89 93</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4600	92.7018	22.0403	0.2813	7.1455	0.1222	7.2678	2.0559	0.1169	2.1728		29,874.84 90	29,874.84 90	1.4455		29,910.98 62
Worker	16.1295	7.1026	113.6130	0.3428	39.6096	0.2439	39.8535	10.5068	0.2245	10.7313		34,164.33 24	34,164.33 24	0.6998		34,181.82 83
<b>Total</b>	<b>18.5895</b>	<b>99.8043</b>	<b>135.6533</b>	<b>0.6241</b>	<b>46.7551</b>	<b>0.3661</b>	<b>47.1212</b>	<b>12.5628</b>	<b>0.3414</b>	<b>12.9041</b>		<b>64,039.18 13</b>	<b>64,039.18 13</b>	<b>2.1453</b>		<b>64,092.81 45</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4600	92.7018	22.0403	0.2813	7.1455	0.1222	7.2678	2.0559	0.1169	2.1728		29,874.84 90	29,874.84 90	1.4455		29,910.98 62
Worker	16.1295	7.1026	113.6130	0.3428	39.6096	0.2439	39.8535	10.5068	0.2245	10.7313		34,164.33 24	34,164.33 24	0.6998		34,181.82 83
<b>Total</b>	<b>18.5895</b>	<b>99.8043</b>	<b>135.6533</b>	<b>0.6241</b>	<b>46.7551</b>	<b>0.3661</b>	<b>47.1212</b>	<b>12.5628</b>	<b>0.3414</b>	<b>12.9041</b>		<b>64,039.18 13</b>	<b>64,039.18 13</b>	<b>2.1453</b>		<b>64,092.81 45</b>

**3.5 Building Construction - 2026**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3674	91.0634	21.0371	0.2796	7.1450	0.1158	7.2608	2.0557	0.1108	2.1665		29,712.2131	29,712.2131	1.4299		29,747.9602
Worker	15.2678	6.4900	105.9011	0.3300	39.6096	0.2367	39.8463	10.5068	0.2179	10.7247		32,894.4105	32,894.4105	0.6374		32,910.3449
<b>Total</b>	<b>17.6353</b>	<b>97.5534</b>	<b>126.9383</b>	<b>0.6096</b>	<b>46.7546</b>	<b>0.3525</b>	<b>47.1071</b>	<b>12.5625</b>	<b>0.3287</b>	<b>12.8912</b>		<b>62,606.6235</b>	<b>62,606.6235</b>	<b>2.0673</b>		<b>62,658.3051</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3674	91.0634	21.0371	0.2796	7.1450	0.1158	7.2608	2.0557	0.1108	2.1665		29,712.2131	29,712.2131	1.4299		29,747.9602
Worker	15.2678	6.4900	105.9011	0.3300	39.6096	0.2367	39.8463	10.5068	0.2179	10.7247		32,894.4105	32,894.4105	0.6374		32,910.3449
<b>Total</b>	<b>17.6353</b>	<b>97.5534</b>	<b>126.9383</b>	<b>0.6096</b>	<b>46.7546</b>	<b>0.3525</b>	<b>47.1071</b>	<b>12.5625</b>	<b>0.3287</b>	<b>12.8912</b>		<b>62,606.6235</b>	<b>62,606.6235</b>	<b>2.0673</b>		<b>62,658.3051</b>

**3.5 Building Construction - 2027**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2027**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2860	89.5580	20.1654	0.2781	7.1445	0.1104	7.2549	2.0555	0.1056	2.1611		29,559.33 20	29,559.33 20	1.4147		29,594.69 88
Worker	14.4273	5.9401	98.9441	0.3186	39.6096	0.2251	39.8347	10.5068	0.2071	10.7140		31,759.114 3	31,759.114 3	0.5810		31,773.63 99
<b>Total</b>	<b>16.7133</b>	<b>95.4981</b>	<b>119.1095</b>	<b>0.5967</b>	<b>46.7541</b>	<b>0.3355</b>	<b>47.0896</b>	<b>12.5624</b>	<b>0.3127</b>	<b>12.8751</b>		<b>61,318.44 63</b>	<b>61,318.44 63</b>	<b>1.9957</b>		<b>61,368.33 87</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2027**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2860	89.5580	20.1654	0.2781	7.1445	0.1104	7.2549	2.0555	0.1056	2.1611		29,559.33 20	29,559.33 20	1.4147		29,594.69 88
Worker	14.4273	5.9401	98.9441	0.3186	39.6096	0.2251	39.8347	10.5068	0.2071	10.7140		31,759.11 43	31,759.114 3	0.5810		31,773.63 99
<b>Total</b>	<b>16.7133</b>	<b>95.4981</b>	<b>119.1095</b>	<b>0.5967</b>	<b>46.7541</b>	<b>0.3355</b>	<b>47.0896</b>	<b>12.5624</b>	<b>0.3127</b>	<b>12.8751</b>		<b>61,318.44 63</b>	<b>61,318.44 63</b>	<b>1.9957</b>		<b>61,368.33 87</b>

**3.5 Building Construction - 2028**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2028**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2142	88.2700	19.4314	0.2768	7.1441	0.1057	7.2497	2.0554	0.1010	2.1564		29,428.53 17	29,428.53 17	1.3993		29,463.51 46
Worker	13.5704	5.4520	92.8095	0.3084	39.6096	0.2100	39.8197	10.5068	0.1933	10.7001		30,752.23 19	30,752.23 19	0.5325		30,765.54 45
<b>Total</b>	<b>15.7846</b>	<b>93.7220</b>	<b>112.2409</b>	<b>0.5852</b>	<b>46.7537</b>	<b>0.3157</b>	<b>47.0694</b>	<b>12.5622</b>	<b>0.2943</b>	<b>12.8565</b>		<b>60,180.76 35</b>	<b>60,180.76 35</b>	<b>1.9318</b>		<b>60,229.05 90</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2028**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2142	88.2700	19.4314	0.2768	7.1441	0.1057	7.2497	2.0554	0.1010	2.1564		29,428.53 17	29,428.53 17	1.3993		29,463.51 46
Worker	13.5704	5.4520	92.8095	0.3084	39.6096	0.2100	39.8197	10.5068	0.1933	10.7001		30,752.23 19	30,752.23 19	0.5325		30,765.54 45
<b>Total</b>	<b>15.7846</b>	<b>93.7220</b>	<b>112.2409</b>	<b>0.5852</b>	<b>46.7537</b>	<b>0.3157</b>	<b>47.0694</b>	<b>12.5622</b>	<b>0.2943</b>	<b>12.8565</b>		<b>60,180.76 35</b>	<b>60,180.76 35</b>	<b>1.9318</b>		<b>60,229.05 90</b>

**3.5 Building Construction - 2029**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2029**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1493	87.0431	18.8196	0.2756	7.1437	0.1008	7.2445	2.0552	0.0964	2.1516		29,309.48 85	29,309.48 85	1.3840		29,344.08 90
Worker	12.6400	4.9975	86.9346	0.2994	39.6096	0.1956	39.8053	10.5068	0.1800	10.6868		29,860.97 93	29,860.97 93	0.4863		29,873.13 72
<b>Total</b>	<b>14.7894</b>	<b>92.0405</b>	<b>105.7541</b>	<b>0.5750</b>	<b>46.7533</b>	<b>0.2965</b>	<b>47.0498</b>	<b>12.5621</b>	<b>0.2764</b>	<b>12.8385</b>		<b>59,170.46 78</b>	<b>59,170.46 78</b>	<b>1.8703</b>		<b>59,217.22 62</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2029**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1493	87.0431	18.8196	0.2756	7.1437	0.1008	7.2445	2.0552	0.0964	2.1516		29,309.48 85	29,309.48 85	1.3840		29,344.08 90
Worker	12.6400	4.9975	86.9346	0.2994	39.6096	0.1956	39.8053	10.5068	0.1800	10.6868		29,860.97 93	29,860.97 93	0.4863		29,873.13 72
<b>Total</b>	<b>14.7894</b>	<b>92.0405</b>	<b>105.7541</b>	<b>0.5750</b>	<b>46.7533</b>	<b>0.2965</b>	<b>47.0498</b>	<b>12.5621</b>	<b>0.2764</b>	<b>12.8385</b>		<b>59,170.46 78</b>	<b>59,170.46 78</b>	<b>1.8703</b>		<b>59,217.22 62</b>

**3.5 Building Construction - 2030**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2030**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0910	85.8946	18.3174	0.2745	7.1433	0.0959	7.2393	2.0551	0.0917	2.1468		29,203.4112	29,203.4112	1.3682		29,237.6150
Worker	11.7378	4.5873	81.6563	0.2915	39.6096	0.1822	39.7919	10.5068	0.1677	10.6745		29,076.5183	29,076.5183	0.4453		29,087.6499
<b>Total</b>	<b>13.8288</b>	<b>90.4820</b>	<b>99.9736</b>	<b>0.5660</b>	<b>46.7529</b>	<b>0.2782</b>	<b>47.0311</b>	<b>12.5619</b>	<b>0.2594</b>	<b>12.8213</b>		<b>58,279.9295</b>	<b>58,279.9295</b>	<b>1.8134</b>		<b>58,325.2649</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2030**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0910	85.8946	18.3174	0.2745	7.1433	0.0959	7.2393	2.0551	0.0917	2.1468		29,203.41 12	29,203.41 2	1.3682		29,237.61 50
Worker	11.7378	4.5873	81.6563	0.2915	39.6096	0.1822	39.7919	10.5068	0.1677	10.6745		29,076.51 83	29,076.51 83	0.4453		29,087.64 99
<b>Total</b>	<b>13.8288</b>	<b>90.4820</b>	<b>99.9736</b>	<b>0.5660</b>	<b>46.7529</b>	<b>0.2782</b>	<b>47.0311</b>	<b>12.5619</b>	<b>0.2594</b>	<b>12.8213</b>		<b>58,279.92 95</b>	<b>58,279.92 95</b>	<b>1.8134</b>		<b>58,325.26 49</b>

**3.5 Building Construction - 2031**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2031**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0415	84.8515	17.9069	0.2736	7.1431	0.0916	7.2346	2.0550	0.0875	2.1426		29,113.3521	29,113.3521	1.3545		29,147.2134
Worker	10.7871	4.2008	76.6390	0.2846	39.6096	0.1695	39.7791	10.5068	0.1559	10.6628		28,389.0747	28,389.0747	0.4069		28,399.2466
<b>Total</b>	<b>12.8286</b>	<b>89.0523</b>	<b>94.5459</b>	<b>0.5582</b>	<b>46.7527</b>	<b>0.2611</b>	<b>47.0138</b>	<b>12.5618</b>	<b>0.2435</b>	<b>12.8053</b>		<b>57,502.4269</b>	<b>57,502.4269</b>	<b>1.7613</b>		<b>57,546.4600</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2031**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0415	84.8515	17.9069	0.2736	7.1431	0.0916	7.2346	2.0550	0.0875	2.1426		29,113.3521	29,113.3521	1.3545		29,147.2134
Worker	10.7871	4.2008	76.6390	0.2846	39.6096	0.1695	39.7791	10.5068	0.1559	10.6628		28,389.0747	28,389.0747	0.4069		28,399.2466
<b>Total</b>	<b>12.8286</b>	<b>89.0523</b>	<b>94.5459</b>	<b>0.5582</b>	<b>46.7527</b>	<b>0.2611</b>	<b>47.0138</b>	<b>12.5618</b>	<b>0.2435</b>	<b>12.8053</b>		<b>57,502.4269</b>	<b>57,502.4269</b>	<b>1.7613</b>		<b>57,546.4600</b>

**3.5 Building Construction - 2032**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2032**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0003	83.8808	17.5821	0.2729	7.1428	0.0880	7.2308	2.0549	0.0842	2.1391		29,039.9275	29,039.9275	1.3424		29,073.4867
Worker	9.9332	3.8672	72.2180	0.2785	39.6096	0.1577	39.7673	10.5068	0.1451	10.6519		27,790.7086	27,790.7086	0.3735		27,800.0452
<b>Total</b>	<b>11.9335</b>	<b>87.7480</b>	<b>89.8001</b>	<b>0.5514</b>	<b>46.7524</b>	<b>0.2457</b>	<b>46.9981</b>	<b>12.5617</b>	<b>0.2292</b>	<b>12.7910</b>		<b>56,830.6361</b>	<b>56,830.6361</b>	<b>1.7158</b>		<b>56,873.5319</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2032**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0003	83.8808	17.5821	0.2729	7.1428	0.0880	7.2308	2.0549	0.0842	2.1391		29,039.9275	29,039.9275	1.3424		29,073.4867
Worker	9.9332	3.8672	72.2180	0.2785	39.6096	0.1577	39.7673	10.5068	0.1451	10.6519		27,790.7086	27,790.7086	0.3735		27,800.0452
<b>Total</b>	<b>11.9335</b>	<b>87.7480</b>	<b>89.8001</b>	<b>0.5514</b>	<b>46.7524</b>	<b>0.2457</b>	<b>46.9981</b>	<b>12.5617</b>	<b>0.2292</b>	<b>12.7910</b>		<b>56,830.6361</b>	<b>56,830.6361</b>	<b>1.7158</b>		<b>56,873.5319</b>

**3.5 Building Construction - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9655	83.0189	17.3066	0.2723	7.1426	0.0850	7.2276	2.0549	0.0813	2.1361		28,975.9678	28,975.9678	1.3317		29,009.2598
Worker	9.2326	3.5934	68.4882	0.2733	39.6096	0.1471	39.7567	10.5068	0.1353	10.6421		27,274.8129	27,274.8129	0.3456		27,283.4538
<b>Total</b>	<b>11.1980</b>	<b>86.6123</b>	<b>85.7949</b>	<b>0.5456</b>	<b>46.7522</b>	<b>0.2321</b>	<b>46.9843</b>	<b>12.5617</b>	<b>0.2166</b>	<b>12.7783</b>		<b>56,250.7807</b>	<b>56,250.7807</b>	<b>1.6773</b>		<b>56,292.7135</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9655	83.0189	17.3066	0.2723	7.1426	0.0850	7.2276	2.0549	0.0813	2.1361		28,975.9678	28,975.9678	1.3317		29,009.2598
Worker	9.2326	3.5934	68.4882	0.2733	39.6096	0.1471	39.7567	10.5068	0.1353	10.6421		27,274.8129	27,274.8129	0.3456		27,283.4538
<b>Total</b>	<b>11.1980</b>	<b>86.6123</b>	<b>85.7949</b>	<b>0.5456</b>	<b>46.7522</b>	<b>0.2321</b>	<b>46.9843</b>	<b>12.5617</b>	<b>0.2166</b>	<b>12.7783</b>		<b>56,250.7807</b>	<b>56,250.7807</b>	<b>1.6773</b>		<b>56,292.7135</b>

**3.5 Building Construction - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9333	82.2208	17.0558	0.2717	7.1424	0.0821	7.2245	2.0548	0.0785	2.1333		28,922.54 57	28,922.54 57	1.3217		28,955.58 75
Worker	8.5994	3.3595	64.9603	0.2688	39.6096	0.1372	39.7468	10.5068	0.1262	10.6330		26,829.18 53	26,829.18 53	0.3197		26,837.17 72
<b>Total</b>	<b>10.5327</b>	<b>85.5803</b>	<b>82.0161</b>	<b>0.5405</b>	<b>46.7520</b>	<b>0.2193</b>	<b>46.9713</b>	<b>12.5616</b>	<b>0.2047</b>	<b>12.7663</b>		<b>55,751.73 10</b>	<b>55,751.73 10</b>	<b>1.6414</b>		<b>55,792.76 47</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9333	82.2208	17.0558	0.2717	7.1424	0.0821	7.2245	2.0548	0.0785	2.1333		28,922.54 57	28,922.54 57	1.3217		28,955.58 75
Worker	8.5994	3.3595	64.9603	0.2688	39.6096	0.1372	39.7468	10.5068	0.1262	10.6330		26,829.18 53	26,829.18 53	0.3197		26,837.17 72
<b>Total</b>	<b>10.5327</b>	<b>85.5803</b>	<b>82.0161</b>	<b>0.5405</b>	<b>46.7520</b>	<b>0.2193</b>	<b>46.9713</b>	<b>12.5616</b>	<b>0.2047</b>	<b>12.7663</b>		<b>55,751.73 10</b>	<b>55,751.73 10</b>	<b>1.6414</b>		<b>55,792.76 47</b>

**3.5 Building Construction - 2035**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2035**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.69 55	28,878.69 55	1.3123		28,911.503 4
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.12 62	26,450.12 62	0.2977		26,457.56 83
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.82 17</b>	<b>55,328.82 17</b>	<b>1.6100</b>		<b>55,369.07 17</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2035**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.69 55	28,878.69 55	1.3123		28,911.503 4
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.12 62	26,450.12 62	0.2977		26,457.56 83
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.82 17</b>	<b>55,328.82 17</b>	<b>1.6100</b>		<b>55,369.07 17</b>

**3.5 Building Construction - 2036**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2036**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.69 55	28,878.69 55	1.3123		28,911.503 4
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.12 62	26,450.12 62	0.2977		26,457.56 83
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.82 17</b>	<b>55,328.82 17</b>	<b>1.6100</b>		<b>55,369.07 17</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2036**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.69 55	28,878.69 55	1.3123		28,911.503 4
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.12 62	26,450.12 62	0.2977		26,457.56 83
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.82 17</b>	<b>55,328.82 17</b>	<b>1.6100</b>		<b>55,369.07 17</b>

**3.5 Building Construction - 2037**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2037**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.69 55	28,878.69 55	1.3123		28,911.503 4
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.12 62	26,450.12 62	0.2977		26,457.56 83
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.82 17</b>	<b>55,328.82 17</b>	<b>1.6100</b>		<b>55,369.07 17</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2037**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.69 55	28,878.69 55	1.3123		28,911.503 4
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.12 62	26,450.12 62	0.2977		26,457.56 83
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.82 17</b>	<b>55,328.82 17</b>	<b>1.6100</b>		<b>55,369.07 17</b>

**3.5 Building Construction - 2038**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2038**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.69 55	28,878.69 55	1.3123		28,911.50 34
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.12 62	26,450.12 62	0.2977		26,457.56 83
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.82 17</b>	<b>55,328.82 17</b>	<b>1.6100</b>		<b>55,369.07 17</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2038**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.69 55	28,878.69 55	1.3123		28,911.503 4
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.12 62	26,450.12 62	0.2977		26,457.56 83
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.82 17</b>	<b>55,328.82 17</b>	<b>1.6100</b>		<b>55,369.07 17</b>

**3.5 Building Construction - 2039**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2039**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.69 55	28,878.69 55	1.3123		28,911.503 4
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.12 62	26,450.12 62	0.2977		26,457.56 83
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.82 17</b>	<b>55,328.82 17</b>	<b>1.6100</b>		<b>55,369.07 17</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2039**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9047	81.5146	16.8455	0.2713	7.1423	0.0796	7.2219	2.0547	0.0761	2.1308		28,878.69 55	28,878.69 55	1.3123		28,911.503 4
Worker	8.0513	3.1767	61.9398	0.2650	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		26,450.12 62	26,450.12 62	0.2977		26,457.56 83
<b>Total</b>	<b>9.9560</b>	<b>84.6913</b>	<b>78.7854</b>	<b>0.5363</b>	<b>46.7519</b>	<b>0.2079</b>	<b>46.9598</b>	<b>12.5616</b>	<b>0.1941</b>	<b>12.7557</b>		<b>55,328.82 17</b>	<b>55,328.82 17</b>	<b>1.6100</b>		<b>55,369.07 17</b>

**3.5 Building Construction - 2040**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>		<b>2,897.547 1</b>	<b>2,897.547 1</b>	<b>0.1041</b>		<b>2,900.150 3</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2040**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.8191	79.1739	16.2195	0.2705	7.1417	0.0738	7.2155	2.0545	0.0705	2.1250		28,798.40 52	28,798.40 52	1.2761		28,830.30 76
Worker	6.0265	2.5948	52.5826	0.2533	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		25,301.01 37	25,301.01 37	0.2305		25,306.77 67
<b>Total</b>	<b>7.8456</b>	<b>81.7687</b>	<b>68.8021</b>	<b>0.5238</b>	<b>46.7513</b>	<b>0.1721</b>	<b>46.9234</b>	<b>12.5613</b>	<b>0.1610</b>	<b>12.7223</b>		<b>54,099.41 89</b>	<b>54,099.41 89</b>	<b>1.5066</b>		<b>54,137.08 43</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>	<b>0.0000</b>	<b>2,897.547 1</b>	<b>2,897.547 1</b>	<b>0.1041</b>		<b>2,900.150 3</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2040**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.8191	79.1739	16.2195	0.2705	7.1417	0.0738	7.2155	2.0545	0.0705	2.1250		28,798.40 52	28,798.40 52	1.2761		28,830.30 76
Worker	6.0265	2.5948	52.5826	0.2533	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		25,301.01 37	25,301.01 37	0.2305		25,306.77 67
<b>Total</b>	<b>7.8456</b>	<b>81.7687</b>	<b>68.8021</b>	<b>0.5238</b>	<b>46.7513</b>	<b>0.1721</b>	<b>46.9234</b>	<b>12.5613</b>	<b>0.1610</b>	<b>12.7223</b>		<b>54,099.41 89</b>	<b>54,099.41 89</b>	<b>1.5066</b>		<b>54,137.08 43</b>

**3.5 Building Construction - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.547 1	2,897.547 1	0.1041		2,900.150 3
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>		<b>2,897.547 1</b>	<b>2,897.547 1</b>	<b>0.1041</b>		<b>2,900.150 3</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.8191	79.1739	16.2195	0.2705	7.1417	0.0738	7.2155	2.0545	0.0705	2.1250		28,798.40 52	28,798.40 52	1.2761		28,830.30 76
Worker	6.0265	2.5948	52.5826	0.2533	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		25,301.01 37	25,301.01 37	0.2305		25,306.77 67
<b>Total</b>	<b>7.8456</b>	<b>81.7687</b>	<b>68.8021</b>	<b>0.5238</b>	<b>46.7513</b>	<b>0.1721</b>	<b>46.9234</b>	<b>12.5613</b>	<b>0.1610</b>	<b>12.7223</b>		<b>54,099.41 89</b>	<b>54,099.41 89</b>	<b>1.5066</b>		<b>54,137.08 43</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.547 1	2,897.547 1	0.1041		2,900.150 3
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>	<b>0.0000</b>	<b>2,897.547 1</b>	<b>2,897.547 1</b>	<b>0.1041</b>		<b>2,900.150 3</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.8191	79.1739	16.2195	0.2705	7.1417	0.0738	7.2155	2.0545	0.0705	2.1250		28,798.40 52	28,798.40 52	1.2761		28,830.30 76
Worker	6.0265	2.5948	52.5826	0.2533	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		25,301.01 37	25,301.01 37	0.2305		25,306.77 67
<b>Total</b>	<b>7.8456</b>	<b>81.7687</b>	<b>68.8021</b>	<b>0.5238</b>	<b>46.7513</b>	<b>0.1721</b>	<b>46.9234</b>	<b>12.5613</b>	<b>0.1610</b>	<b>12.7223</b>		<b>54,099.41 89</b>	<b>54,099.41 89</b>	<b>1.5066</b>		<b>54,137.08 43</b>

**3.6 Paving - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.516 8	2,656.516 8	0.0893		2,658.748 9
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>		<b>2,656.516 8</b>	<b>2,656.516 8</b>	<b>0.0893</b>		<b>2,658.748 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.6 Paving - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0174	7.4700e-003	0.1515	7.3000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		72.8856	72.8856	6.6000e-004		72.9022
<b>Total</b>	<b>0.0174</b>	<b>7.4700e-003</b>	<b>0.1515</b>	<b>7.3000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>72.8856</b>	<b>72.8856</b>	<b>6.6000e-004</b>		<b>72.9022</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.6 Paving - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0174	7.4700e-003	0.1515	7.3000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		72.8856	72.8856	6.6000e-004		72.9022
<b>Total</b>	<b>0.0174</b>	<b>7.4700e-003</b>	<b>0.1515</b>	<b>7.3000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>72.8856</b>	<b>72.8856</b>	<b>6.6000e-004</b>		<b>72.9022</b>

**3.6 Paving - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>		<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.6 Paving - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0174	7.4700e-003	0.1515	7.3000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		72.8856	72.8856	6.6000e-004		72.9022
<b>Total</b>	<b>0.0174</b>	<b>7.4700e-003</b>	<b>0.1515</b>	<b>7.3000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>72.8856</b>	<b>72.8856</b>	<b>6.6000e-004</b>		<b>72.9022</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.6 Paving - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0174	7.4700e-003	0.1515	7.3000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		72.8856	72.8856	6.6000e-004		72.9022
<b>Total</b>	<b>0.0174</b>	<b>7.4700e-003</b>	<b>0.1515</b>	<b>7.3000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>72.8856</b>	<b>72.8856</b>	<b>6.6000e-004</b>		<b>72.9022</b>

**3.7 Architectural Coating - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.2048	0.5188	10.5125	0.0507	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		5,058.259 1	5,058.259 1	0.0461		5,059.4113
<b>Total</b>	<b>1.2048</b>	<b>0.5188</b>	<b>10.5125</b>	<b>0.0507</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>5,058.259 1</b>	<b>5,058.259 1</b>	<b>0.0461</b>		<b>5,059.411 3</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.2048	0.5188	10.5125	0.0507	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		5,058.259 1	5,058.259 1	0.0461		5,059.4113
<b>Total</b>	<b>1.2048</b>	<b>0.5188</b>	<b>10.5125</b>	<b>0.0507</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>5,058.259 1</b>	<b>5,058.259 1</b>	<b>0.0461</b>		<b>5,059.411 3</b>

**3.7 Architectural Coating - 2043**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2043**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.2048	0.5188	10.5125	0.0507	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		5,058.259 1	5,058.259 1	0.0461		5,059.4113
<b>Total</b>	<b>1.2048</b>	<b>0.5188</b>	<b>10.5125</b>	<b>0.0507</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>5,058.259 1</b>	<b>5,058.259 1</b>	<b>0.0461</b>		<b>5,059.411 3</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2043**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.2048	0.5188	10.5125	0.0507	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		5,058.259 1	5,058.259 1	0.0461		5,059.4113
<b>Total</b>	<b>1.2048</b>	<b>0.5188</b>	<b>10.5125</b>	<b>0.0507</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>5,058.259 1</b>	<b>5,058.259 1</b>	<b>0.0461</b>		<b>5,059.411 3</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Integrate Below Market Rate Housing

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	46.5717	181.3661	368.5582	1.5749	170.3417	0.7824	171.1241	45.4786	0.7266	46.2052		160,621.2080	160,621.2080	6.0219		160,771.7547
Unmitigated	46.7006	181.9336	372.0580	1.5920	172.4106	0.7899	173.2004	46.0310	0.7335	46.7645		162,360.3128	162,360.3128	6.0713		162,512.0965

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	10,972.35	11,921.40	10106.55	13,501,464	13,339,447
Apartments Mid Rise	20,515.25	19,713.15	18078.10	34,799,150	34,381,560
City Park	150.26	1,808.63	1330.83	1,025,459	1,013,153
Condo/Townhouse	871.50	850.50	726.00	2,175,327	2,149,223
Elementary School	1,535.29	0.00	0.00	2,306,054	2,278,381
General Light Industry	1,290.84	244.46	125.94	2,696,455	2,664,098
Racquet Club	883.89	1,345.05	1096.20	1,294,152	1,278,622
Regional Shopping Center	10,419.65	12,193.68	6159.06	14,063,079	13,894,322
<b>Total</b>	<b>46,639.03</b>	<b>48,076.87</b>	<b>37,622.68</b>	<b>71,861,140</b>	<b>70,998,807</b>

4.3 Trip Type Information



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	1.10	5.00	6.50	46.50	12.50	41.00	86	11	3
Apartments Mid Rise	4.47	5.00	6.50	46.50	12.50	41.00	86	11	3
City Park	10.00	5.00	6.50	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Elementary School	10.00	5.00	6.50	65.00	30.00	5.00	63	25	12
General Light Industry	10.00	5.00	6.50	59.00	28.00	13.00	92	5	3
Racquet Club	10.00	5.00	6.50	11.50	69.50	19.00	52	39	9
Regional Shopping Center	10.00	5.00	6.50	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Apartments Mid Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
City Park	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Condo/Townhouse	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Elementary School	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
General Light Industry	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Racquet Club	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Regional Shopping Center	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.7435	15.0879	7.7261	0.0951		1.2046	1.2046		1.2046	1.2046		19,019.7900	19,019.7900	0.3646	0.3487	19,132.8151
NaturalGas Unmitigated	1.7435	15.0879	7.7261	0.0951		1.2046	1.2046		1.2046	1.2046		19,019.7900	19,019.7900	0.3646	0.3487	19,132.8151

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	48750.1	0.5257	4.4927	1.9118	0.0287		0.3632	0.3632		0.3632	0.3632		5,735.3076	5,735.3076	0.1099	0.1052	5,769.3896
Apartments Mid Rise	73439.4	0.7920	6.7679	2.8800	0.0432		0.5472	0.5472		0.5472	0.5472		8,639.9241	8,639.9241	0.1656	0.1584	8,691.2668
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	7344.5	0.0792	0.6769	0.2880	4.3200e-003		0.0547	0.0547		0.0547	0.0547		864.0586	864.0586	0.0166	0.0158	869.1933
Elementary School	4159.92	0.0449	0.4078	0.3426	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.4021	489.4021	9.3800e-003	8.9700e-003	492.3104
General Light Industry	18169.9	0.1960	1.7814	1.4963	0.0107		0.1354	0.1354		0.1354	0.1354		2,137.6348	2,137.6348	0.0410	0.0392	2,150.3377
Racquet Club	6180.9	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3623.53	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.7435</b>	<b>15.0879</b>	<b>7.7261</b>	<b>0.0951</b>		<b>1.2046</b>	<b>1.2046</b>		<b>1.2046</b>	<b>1.2046</b>		<b>19,019.7900</b>	<b>19,019.7900</b>	<b>0.3646</b>	<b>0.3487</b>	<b>19,132.8151</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	48.7501	0.5257	4.4927	1.9118	0.0287		0.3632	0.3632		0.3632	0.3632		5,735.3076	5,735.3076	0.1099	0.1052	5,769.3896
Apartments Mid Rise	73.4394	0.7920	6.7679	2.8800	0.0432		0.5472	0.5472		0.5472	0.5472		8,639.9241	8,639.9241	0.1656	0.1584	8,691.2668
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	7.3445	0.0792	0.6769	0.2880	4.3200e-003		0.0547	0.0547		0.0547	0.0547		864.0586	864.0586	0.0166	0.0158	869.1933
Elementary School	4.15992	0.0449	0.4078	0.3426	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.4021	489.4021	9.3800e-003	8.9700e-003	492.3104
General Light Industry	18.1699	0.1960	1.7814	1.4963	0.0107		0.1354	0.1354		0.1354	0.1354		2,137.6348	2,137.6348	0.0410	0.0392	2,150.3377
Racquet Club	6.1809	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3.62353	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.7435</b>	<b>15.0879</b>	<b>7.7261</b>	<b>0.0951</b>		<b>1.2046</b>	<b>1.2046</b>		<b>1.2046</b>	<b>1.2046</b>		<b>19,019.7900</b>	<b>19,019.7900</b>	<b>0.3646</b>	<b>0.3487</b>	<b>19,132.8151</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Unmitigated	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.3031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.7012					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0509	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421		728.0532	728.0532	0.6933		745.3858
<b>Total</b>	<b>148.0552</b>	<b>4.6482</b>	<b>402.9034</b>	<b>0.0214</b>		<b>2.2421</b>	<b>2.2421</b>		<b>2.2421</b>	<b>2.2421</b>	<b>0.0000</b>	<b>728.0532</b>	<b>728.0532</b>	<b>0.6933</b>	<b>0.0000</b>	<b>745.3858</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.3031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.7012					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0509	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421		728.0532	728.0532	0.6933		745.3858
<b>Total</b>	<b>148.0552</b>	<b>4.6482</b>	<b>402.9034</b>	<b>0.0214</b>		<b>2.2421</b>	<b>2.2421</b>		<b>2.2421</b>	<b>2.2421</b>	<b>0.0000</b>	<b>728.0532</b>	<b>728.0532</b>	<b>0.6933</b>	<b>0.0000</b>	<b>745.3858</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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**W BSP Energy Use Adjustments**

	T24 E (KWhr/size/yr)	2019 T24 Standards (percent reduction in electricity use over 2016 T24 by land use)(KWhr/size/yr)	T24 E Adj. (KWhr/size/yr)	NonT24 E (KWhr/size/yr)	Lighting (KWhr/size/yr)	T24 NG (KWhr/size/yr)	T24 NG Adj. (KBTU/size/yr)	AQMP M1 Reductions (13% Natural Gas use reduction) (KBTU/size/yr)	NonT24 NG (KBTU/size/yr)
Apartments Low Rise	511.12	53%	240.2	3,172.76	810.36	9,411.72	9,411.72	8,188.20	2,687
Apartments Mid Rise	460.92	7%	428.7	3,054.10	741.44	7,061.10	7,061.10	6,143.16	2,687
City Park	0		0.0	0	0	0	0.00	0.00	0
Condo/Townhouse	381.61	7%	354.9	3,795.01	1,001.10	17,864.25	17,864.25	15,541.90	2,687
Elementary School	2.05			2.17	3.1	14.6	14.60	14.60	0.66
General Light Industry	3.41			7.2	4.57	23.39	23.39	23.39	12.42
Racquet Club	3.41	7%	2.4	7.2	4.57	23.39	23.39	23.39	12.42
Regional Shopping Center	3.26	7%	2.3	2.98	5.33	4.49	4.49	4.49	0.93
<b>2019 T24 building standards</b>	Reductions in energy use from new development have been adjusted to be consistent with the 2019 T24 building standards - 53% reduction in residential (SF and Low Rise MF) electricity use, 7% in reduction in non solar EE improvement, 30% reduction in nonresidential electricity use. Source: <a href="https://ww2.energy.ca.gov/title24/2019standards/documents/2018_Title_24_2019_Building_Standards_FAQ.pdf">https://ww2.energy.ca.gov/title24/2019standards/documents/2018_Title_24_2019_Building_Standards_FAQ.pdf</a>								
<b>AQMP Measure</b>	Note: AQMP Measure 1 Assumes that 13% of all new residential units developed as part of the project would include all electric appliances and therefore result in a 13% reduction in total project natural gas use at buildout. Reduction in natural gas use from all electric units is divided evenly between the three types of housing units (Low, Mid-Rise Apt, and Condo/Townhouse) as shown in the table above.								



## WBSP AQMP Model Scenarios and Target Achievement Summary

Existing	Pounds/Day				Tons/Year			
	ROG	NOx	PM10	PM2.5	ROG	NOx	PM10	PM2.5
Area	44	1	1	1	7.9	0.1	0.1	0.1
Energy	1	8	1	1	0.2	1.5	0.1	0.1
Mobile	10	59	68	18	1.6	8.4	9.6	2.6
Operational Total	55	68	69	19	9.7	10.0	9.7	2.8

Future Plan - Default	Pounds/Day				Tons/Year			
	ROG	NOx	PM10	PM2.5	ROG	NOx	PM10	PM2.5
Area	148	5	2	2	26.3	0.6	0.3	0.3
Energy	2	16	1	1	0.3	3.0	0.2	0.2
Mobile	51	200	240	65	6.4	33.2	38.1	10.3
Operational Total	201	221	244	68	33.0	36.7	38.6	10.8

Future Plan	Pounds/Day				Tons/Year			
	ROG	NOx	PM10	PM2.5	ROG	NOx	PM10	PM2.5
Area	148	5	2	2	26.3	0.6	0.3	0.3
Energy	2	17	1	1	0.4	3.0	0.2	0.2
Mobile	47	181	171	46	5.6	29.6	26.5	7.2
Operational Total	197	203	175	50	32.3	33.3	27.1	7.7

Future Plan w Mit	Pounds/Day				Tons/Year			
	ROG	NOx	PM10	PM2.5	ROG	NOx	PM10	PM2.5
Area	148	5	2	2	26.3	0.6	0.3	0.3
Energy	2	16	1	1	0.3	2.8	0.2	0.2
Mobile	46	180	168	45	5.6	29.6	26.5	7.2
Operational Total	196	201	171	49	32.3	33.0	27.1	7.7

Net AQ Emissions - Default	Pounds/Day				Tons/Year			
	ROG	NOx	PM10	PM2.5	ROG	NOx	PM10	PM2.5
Area	104	4	2	2	18.4	0.4	0.2	0.2
Energy	1	8	1	1	0.17	1.47	0.1	0.1
Mobile	41	142	172	47	4.8	24.8	28.6	7.7
Net AQ Emissions	146	153	175	49	23.4	26.7	28.9	8.1

Net AQ Emissions - VMT adj	Pounds/Day				Tons/Year			
	ROG	NOx	PM10	PM2.5	ROG	NOx	PM10	PM2.5
Area	104	4	2	2	18.4	0.4	0.2	0.2
Energy	1	8	1	1	0.18	1.52	0.1	0.1
Mobile	36	123	103	28	4.0	21.2	17.0	4.6
Net AQ Emissions	141	135	106	30	22.7	23.2	17.3	4.9

Net AQ Emissions - VMT adj with Mit	Pounds/Day				Tons/Year			
	ROG	NOx	PM10	PM2.5	ROG	NOx	PM10	PM2.5
Area	104	4	2	2	18.4	0.4	0.2	0.2
Energy	1	8	1	1	0.15	1.28	0.1	0.1
Mobile	36	122	100	27	4.0	21.2	17.0	4.6
Net AQ Emissions	141	133	102	29	22.6	23.0	17.3	4.9

Mass Emissions Reduction Target (Tons/Year)		
	ROG	NOx
Mobile Source Emissions	4.8	24.8
15% of Mobile Source	0.714	3.717

Mass Emissions Reduction (Tons/Year)			
Net AQ Emissions - VMT adj	ROG	NOx	PM10
Area	0	0	0
Energy	0	0	0
Mobile	-0.724	-3.540	-11.567
Operational Total	-0.718	-3.489	-11.563
Net AQ Emissions - VMT adj with Mit	ROG	NOx	PM10
Area	0.0	0.0	0.0
Energy	0.0	-0.2	0.0
Mobile	-0.724	-3.540	-11.567
Operational Total	-0.746	-3.730	-11.583
Mass Emissions Reduction Target	0.714	3.717	0.000

# **Appendix B**

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**CalEEMod Winter Run Emissions Output  
for WBSP Construction**

Modeled Daily Maximum Construction Emissions of Criteria Air Pollutants and Precursors

Construction Phase	Maximum Daily Emissions (lb/day)					
	ROG	NO <sub>x</sub>	NOX (lb/day) + 10% Reduction	NOX (lb/day) above Threshold	Days of Exceedance (days/yr)	NOX (tons/yr) above Threshold
2020.0	3.4	34.2	30.8	0.0	0	0.0
2021.0	4.3	46.5	41.8	0.0	0	0.0
2022.0	3.7	38.9	35.0	0.0	0	0.0
2023.0	20.8	118.2	106.4	21.4	255	2.7
2024.0	19.6	114.5	103.1	18.1	255	2.3
2025.0	45.6	113.8	102.4	17.4	255	2.2
2026.0	44.6	111.3	100.2	15.2	255	1.9
2027.0	43.7	109.0	98.1	13.1	255	1.7
2028.0	42.7	107.1	96.4	11.4	255	1.4
2029.0	41.6	105.2	94.7	9.7	255	1.2
2030.0	40.5	98.7	88.8	3.8	255	0.5
2031.0	39.4	97.1	87.4	2.4	255	0.3
2032.0	38.4	95.7	86.1	1.1	255	0.1
2033.0	37.6	94.4	85.0	0.0	0.0	0.0
2034.0	27.1	8.8	7.9	0.0	0.0	0.0
2035.0	25.6	1.5	1.4	0.0	0.0	0.0
Maximum Daily Emissions	45.6	118.2	106.4	N/A	N/A	N/A
SMAQMD Thresholds	0	85	N/A	N/A	N/A	N/A
Exceed Significance Threshold?	No	Yes	N/A	N/A	N/A	N/A

Notes: CO = carbon monoxide; lb/day = pounds per day; NO<sub>x</sub> = oxides of nitrogen; PM<sub>2.5</sub> = fine particulate matter; PM<sub>10</sub> = respirable particulate matter; ROG = reactive organic gases; SMAQMD = Sacramento Metropolitan Air Quality Management District.

1. If all feasible BACT/BMPs are applied, then 82 pounds/day and 15 tons/year.
2. If all feasible BACT/BMPs are applied, then 80 pounds/day and 14.6 tons/year.

See Appendix C for detailed input parameters and modeling results.

Source: Modeling performed by Ascent Environmental in 2019.

Daily Construction Emissions (Winter)

Year	ROG	NO <sub>x</sub>	CO	SO <sub>2</sub>	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.3988	34.2	22.4075	0.0426	0.9636	1.6631	2.6267	0.1669	1.5461	1.7129	0.0000	4,141.9974	4,141.9974	1.0784	0.0000	4,168.9575
2021	4.2650	46.5	31.3888	0.0634	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,141.6763	6,141.6763	1.9464	0.0000	6,190.3360
2022	3.6939	38.9	29.5095	0.0634	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,141.2229	6,141.2229	1.9474	0.0000	6,189.9086
2023	20.7753	118.2	152.9104	0.6127	45.5669	1.4255	46.6561	12.2415	1.3114	13.2637	0.0000	62,635.9353	62,635.9353	2.8773	0.0000	62,707.8670
2024	19.5824	114.5	142.7995	0.5986	45.5662	0.9899	46.5561	12.2412	0.9284	13.1696	0.0000	61,238.9226	61,238.9226	2.7822	0.0000	61,308.4768
2025	45.5894	113.8	154.2417	0.6464	53.3019	0.9915	54.2934	14.2931	0.9319	15.2251	0.0000	66,003.7602	66,003.7602	2.8327	0.0000	66,074.5789
2026	44.6077	111.3	145.2334	0.6317	53.3014	0.9758	54.2772	14.2929	0.9172	15.2102	0.0000	64,547.8327	64,547.8327	2.7515	0.0000	64,616.6196
2027	43.6516	109.0	137.1406	0.6185	53.3009	0.9561	54.2570	14.2928	0.8988	15.1916	0.0000	63,237.2142	63,237.2142	2.6770	0.0000	63,304.1389
2028	42.6616	107.1	130.0533	0.6068	53.3005	0.9331	54.2336	14.2926	0.8775	15.1701	0.0000	62,078.8241	62,078.8241	2.6104	0.0000	62,144.0833
2029	41.5902	105.2	123.3348	0.5964	53.3001	0.9108	54.2109	14.2925	0.8566	15.1491	0.0000	61,048.9523	61,048.9523	2.5461	0.0000	61,112.6058
2030	40.4593	98.7	117.4042	0.5913	53.2998	0.4789	53.7787	14.2924	0.4576	14.7499	0.0000	60,480.9867	60,480.9867	1.9979	0.0000	60,530.9365
2031	39.3731	97.1	111.7533	0.5832	53.2996	0.4591	53.7586	14.2923	0.4391	14.7314	0.0000	59,685.7370	59,685.7370	1.9434	0.0000	59,734.3220
2032	38.4063	95.7	106.8168	0.5763	53.2993	0.4413	53.7406	14.2922	0.4226	14.7148	0.0000	58,997.5666	58,997.5666	1.8958	0.0000	59,044.9606
2033	37.6167	94.4	102.8564	0.5703	53.2991	0.4256	53.7247	14.2921	0.4080	14.7001	0.0000	58,403.2690	58,403.2690	1.8554	0.0000	58,449.8551
2034	27.0931	8.8	28.1363	0.0778	7.8504	0.3781	8.2286	2.0824	0.3760	2.4584	0.0000	7,604.7451	7,604.7451	0.1900	0.0000	7,609.4938
2035	25.5775	1.5	11.6130	0.0484	7.7363	0.0350	7.7713	2.0521	0.0330	2.0851	0.0000	4,814.9325	4,814.9325	0.0598	0.0000	4,816.4275
Maximum	45.5894	118.2	154.2417	0.6464	53.3019	2.0454	54.2934	14.2931	1.8818	15.2251	0.0000	66,003.7602	66,003.7602	2.8773	0.0000	66,074.5789

Annual Construction Emissions

Year	ROG	NO <sub>x</sub>	CO	SO <sub>2</sub>	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.4447	4.5	2.9335	5.5800e-003	0.1254	0.2179	0.3433	0.0217	0.2025	0.2242	0.0000	492.9151	492.9151	0.1281	0.0000	496.1178
2021	0.5087	5.3	3.0406	5.7100e-003	2.4108	0.2563	2.6671	1.0400	0.2361	1.2761	0.0000	502.3450	502.3450	0.1541	0.0000	506.1968

2022	0.4796	5.1	3.8359	8.2400e-003	1.4184	0.2127	1.6311	0.5020	0.1957	0.6976	0.0000	724.7066	724.7066	0.2297	0.0000	730.4485
2023	1.2352	8.6	9.6749	0.0358	3.2739	0.1685	3.4424	0.9193	0.1560	1.0753	0.0000	3,296.160 2	3,296.160 2	0.2687	0.0000	3,302.876 7
2024	2.4198	14.9	18.4188	0.0801	5.7686	0.1289	5.8975	1.5544	0.1209	1.6753	0.0000	7,435.082 9	7,435.082 9	0.3245	0.0000	7,443.195 7
2025	3.2993	14.5	17.9813	0.0803	6.0304	0.1195	6.1499	1.6239	0.1121	1.7361	0.0000	7,456.386 7	7,456.386 7	0.3181	0.0000	7,464.339 7
2026	5.6612	14.4	18.7271	0.0842	6.7212	0.1267	6.8480	1.8076	0.1191	1.9268	0.0000	7,808.868 9	7,808.868 9	0.3200	0.0000	7,816.889 9
2027	5.5416	14.1	17.6977	0.0825	6.7211	0.1242	6.8454	1.8076	0.1168	1.9244	0.0000	7,649.225 3	7,649.225 3	0.3112	0.0000	7,657.006 3
2028	5.3984	13.8	16.7302	0.0806	6.6953	0.1208	6.8162	1.8007	0.1136	1.9143	0.0000	7,479.331 7	7,479.331 7	0.3022	0.0000	7,486.886 9
2029	5.2675	13.7	15.9394	0.0795	6.7210	0.1184	6.8395	1.8076	0.1114	1.9190	0.0000	7,382.672 7	7,382.672 7	0.2958	0.0000	7,390.067 7
2030	5.1478	12.8	15.1841	0.0788	6.7210	0.0622	6.7832	1.8076	0.0594	1.8669	0.0000	7,312.401 7	7,312.401 7	0.2309	0.0000	7,318.175 0
2031	5.0151	12.6	14.4650	0.0777	6.7210	0.0596	6.7806	1.8076	0.0570	1.8646	0.0000	7,215.653 2	7,215.653 2	0.2245	0.0000	7,221.265 6
2032	4.9156	12.5	13.8896	0.0771	6.7467	0.0576	6.8042	1.8145	0.0551	1.8696	0.0000	7,159.284 1	7,159.284 1	0.2197	0.0000	7,164.776 9
2033	4.0780	6.0	7.9561	0.0393	3.5108	0.0519	3.5628	0.9426	0.0508	0.9933	0.0000	3,625.097 3	3,625.097 3	0.1073	0.0000	3,627.778 8
2034	3.4534	0.9	3.0743	9.2100e-003	0.9812	0.0367	1.0179	0.2610	0.0365	0.2974	0.0000	820.3289	820.3289	0.0184	0.0000	820.7877
2035	3.2463	0.2	1.4981	6.3400e-003	0.9523	4.4600e-003	0.9568	0.2533	4.2000e-003	0.2575	0.0000	572.3913	572.3913	7.1200e-003	0.0000	572.5693
<b>Maximum</b>	5.6612	14.9	18.7271	0.0842	6.7467	0.2563	6.8480	1.8145	0.2361	1.9268	0.0000	<b>7,808.868 9</b>	<b>7,808.868 9</b>	0.3245	0.0000	<b>7,816.869 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**West Broadway Construction**  
**Sacramento County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	79.50	Acre	79.50	3,463,020.00	0
Racquet Club	63.00	1000sqft	1.45	63,000.00	0
Apartments Low Rise	1,665.00	Dwelling Unit	104.06	1,665,000.00	4446
Apartments Mid Rise	3,085.00	Dwelling Unit	81.18	3,085,000.00	8237
Condo/Townhouse	150.00	Dwelling Unit	9.38	150,000.00	401
Regional Shopping Center	244.02	1000sqft	5.60	244,020.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.5	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	6			<b>Operational Year</b>	2035
<b>Utility Company</b>	Sacramento Municipal Utility District				
<b>CO2 Intensity (lb/MW hr)</b>	143.85	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Vehicle Trips - Adjusted to match project VMT based on project traffic modeling

Construction Phase - Architectural coatingm (painting) phase assumed to begin in 2025 and end in 2035 with full project buildout. Demolition assumed to occur between 2020 and 2035.

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	330.00	2,678.00
tblConstructionPhase	NumDays	4,650.00	2,563.00
tblEnergyUse	T24E	511.12	240.20
tblEnergyUse	T24E	460.92	322.60
tblEnergyUse	T24E	381.61	267.10
tblEnergyUse	T24E	3.41	2.40
tblEnergyUse	T24E	3.26	2.30
tblEnergyUse	T24NG	9,411.72	8,752.90
tblProjectCharacteristics	CO2IntensityFactor	590.31	143.85
tblVehicleTrips	CW_TL	10.00	10.55
tblVehicleTrips	HW_TL	10.00	1.00
tblVehicleTrips	HW_TL	10.00	6.56

## 2.0 Emissions Summary

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### 2.1 Overall Construction

#### Unmitigated Construction

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.4447	4.4848	2.9336	5.5800e-003	0.1254	0.2179	0.3433	0.0217	0.2025	0.2242	0.0000	492.9156	492.9156	0.1281	0.0000	496.1183
2021	0.5087	5.2624	3.0406	5.7100e-003	2.4108	0.2563	2.6671	1.0400	0.2361	1.2761	0.0000	502.3455	502.3455	0.1541	0.0000	506.1974
2022	0.4796	5.0549	3.8359	8.2400e-003	1.4184	0.2127	1.6311	0.5020	0.1957	0.6976	0.0000	724.7075	724.7075	0.2297	0.0000	730.4493
2023	1.2352	8.5536	9.6749	0.0358	3.2739	0.1685	3.4424	0.9193	0.1560	1.0753	0.0000	3,296.1609	3,296.1609	0.2687	0.0000	3,302.8774
2024	2.4198	14.9104	18.4188	0.0801	5.7686	0.1289	5.8975	1.5544	0.1209	1.6753	0.0000	7,435.0833	7,435.0833	0.3245	0.0000	7,443.1961
2025	3.2993	14.5045	17.9813	0.0803	6.0304	0.1195	6.1499	1.6239	0.1121	1.7361	0.0000	7,456.3870	7,456.3870	0.3181	0.0000	7,464.3401
2026	5.6612	14.4367	18.7271	0.0842	6.7212	0.1267	6.8480	1.8076	0.1191	1.9268	0.0000	7,808.8693	7,808.8693	0.3200	0.0000	7,816.8703
2027	5.5416	14.1492	17.6977	0.0825	6.7211	0.1242	6.8454	1.8076	0.1168	1.9244	0.0000	7,649.2257	7,649.2257	0.3112	0.0000	7,657.0067
2028	5.3984	13.8478	16.7302	0.0806	6.6953	0.1208	6.8162	1.8007	0.1136	1.9143	0.0000	7,479.3321	7,479.3321	0.3022	0.0000	7,486.8873
2029	5.2875	13.6664	15.9394	0.0795	6.7210	0.1184	6.8395	1.8076	0.1114	1.9190	0.0000	7,382.6731	7,382.6731	0.2958	0.0000	7,390.0681
2030	5.1478	12.8198	15.1841	0.0788	6.7210	0.0622	6.7832	1.8076	0.0594	1.8669	0.0000	7,312.4021	7,312.4021	0.2309	0.0000	7,318.1754
2031	5.0151	12.6203	14.4650	0.0777	6.7210	0.0596	6.7806	1.8076	0.0570	1.8646	0.0000	7,215.6536	7,215.6536	0.2245	0.0000	7,221.2660
2032	4.9156	12.4871	13.8896	0.0771	6.7467	0.0576	6.8042	1.8145	0.0551	1.8696	0.0000	7,159.2846	7,159.2846	0.2197	0.0000	7,164.7774
2033	4.0780	6.0468	7.9561	0.0393	3.5108	0.0519	3.5628	0.9426	0.0508	0.9933	0.0000	3,625.0977	3,625.0977	0.1073	0.0000	3,627.7792
2034	3.4534	0.8645	3.0743	9.2100e-003	0.9812	0.0367	1.0179	0.2610	0.0365	0.2974	0.0000	820.3292	820.3292	0.0184	0.0000	820.7880
2035	3.2463	0.1833	1.4981	6.3400e-003	0.9523	4.4600e-003	0.9568	0.2533	4.2000e-003	0.2575	0.0000	572.3914	572.3914	7.1200e-003	0.0000	572.5693
<b>Maximum</b>	<b>5.6612</b>	<b>14.9104</b>	<b>18.7271</b>	<b>0.0842</b>	<b>6.7467</b>	<b>0.2563</b>	<b>6.8480</b>	<b>1.8145</b>	<b>0.2361</b>	<b>1.9268</b>	<b>0.0000</b>	<b>7,808.8693</b>	<b>7,808.8693</b>	<b>0.3245</b>	<b>0.0000</b>	<b>7,816.8703</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**2.1 Overall Construction**

**Mitigated Construction**



## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.4447	4.4848	2.9335	5.5800e-003	0.1254	0.2179	0.3433	0.0217	0.2025	0.2242	0.0000	492.9151	492.9151	0.1281	0.0000	496.1178
2021	0.5087	5.2624	3.0406	5.7100e-003	2.4108	0.2563	2.6671	1.0400	0.2361	1.2761	0.0000	502.3450	502.3450	0.1541	0.0000	506.1968
2022	0.4796	5.0549	3.8359	8.2400e-003	1.4184	0.2127	1.6311	0.5020	0.1957	0.6976	0.0000	724.7066	724.7066	0.2297	0.0000	730.4485
2023	1.2352	8.5536	9.6749	0.0358	3.2739	0.1685	3.4424	0.9193	0.1560	1.0753	0.0000	3,296.160 2	3,296.160 2	0.2687	0.0000	3,302.876 7
2024	2.4198	14.9104	18.4188	0.0801	5.7686	0.1289	5.8975	1.5544	0.1209	1.6753	0.0000	7,435.082 9	7,435.082 9	0.3245	0.0000	7,443.195 7
2025	3.2993	14.5044	17.9813	0.0803	6.0304	0.1195	6.1499	1.6239	0.1121	1.7361	0.0000	7,456.386 7	7,456.386 7	0.3181	0.0000	7,464.339 7
2026	5.6612	14.4367	18.7271	0.0842	6.7212	0.1267	6.8480	1.8076	0.1191	1.9268	0.0000	7,808.868 9	7,808.868 9	0.3200	0.0000	7,816.869 9
2027	5.5416	14.1492	17.6977	0.0825	6.7211	0.1242	6.8454	1.8076	0.1168	1.9244	0.0000	7,649.225 3	7,649.225 3	0.3112	0.0000	7,657.006 3
2028	5.3984	13.8478	16.7302	0.0806	6.6953	0.1208	6.8162	1.8007	0.1136	1.9143	0.0000	7,479.331 7	7,479.331 7	0.3022	0.0000	7,486.886 9
2029	5.2875	13.6664	15.9394	0.0795	6.7210	0.1184	6.8395	1.8076	0.1114	1.9190	0.0000	7,382.672 7	7,382.672 7	0.2958	0.0000	7,390.067 7
2030	5.1478	12.8198	15.1841	0.0788	6.7210	0.0622	6.7832	1.8076	0.0594	1.8669	0.0000	7,312.401 7	7,312.401 7	0.2309	0.0000	7,318.175 0
2031	5.0151	12.6203	14.4650	0.0777	6.7210	0.0596	6.7806	1.8076	0.0570	1.8646	0.0000	7,215.653 2	7,215.653 2	0.2245	0.0000	7,221.265 6
2032	4.9156	12.4871	13.8896	0.0771	6.7467	0.0576	6.8042	1.8145	0.0551	1.8696	0.0000	7,159.284 1	7,159.284 1	0.2197	0.0000	7,164.776 9
2033	4.0780	6.0468	7.9561	0.0393	3.5108	0.0519	3.5628	0.9426	0.0508	0.9933	0.0000	3,625.097 3	3,625.097 3	0.1073	0.0000	3,627.778 8
2034	3.4534	0.8645	3.0743	9.2100e-003	0.9812	0.0367	1.0179	0.2610	0.0365	0.2974	0.0000	820.3289	820.3289	0.0184	0.0000	820.7877
2035	3.2463	0.1833	1.4981	6.3400e-003	0.9523	4.4600e-003	0.9568	0.2533	4.2000e-003	0.2575	0.0000	572.3913	572.3913	7.1200e-003	0.0000	572.5693
<b>Maximum</b>	<b>5.6612</b>	<b>14.9104</b>	<b>18.7271</b>	<b>0.0842</b>	<b>6.7467</b>	<b>0.2563</b>	<b>6.8480</b>	<b>1.8145</b>	<b>0.2361</b>	<b>1.9268</b>	<b>0.0000</b>	<b>7,808.868 9</b>	<b>7,808.868 9</b>	<b>0.3245</b>	<b>0.0000</b>	<b>7,816.869 9</b>

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2020	3-31-2020	1.2234	1.2234
2	4-1-2020	6-30-2020	1.2220	1.2220
3	7-1-2020	9-30-2020	1.2354	1.2354
4	10-1-2020	12-31-2020	1.2369	1.2369
5	1-1-2021	3-31-2021	1.2595	1.2595
6	4-1-2021	6-30-2021	1.4461	1.4461
7	7-1-2021	9-30-2021	1.4620	1.4620
8	10-1-2021	12-31-2021	1.5931	1.5931
9	1-1-2022	3-31-2022	1.3687	1.3687
10	4-1-2022	6-30-2022	1.3839	1.3839
11	7-1-2022	9-30-2022	1.3991	1.3991
12	10-1-2022	12-31-2022	1.3992	1.3992
13	1-1-2023	3-31-2023	1.2196	1.2196
14	4-1-2023	6-30-2023	1.2331	1.2331
15	7-1-2023	9-30-2023	2.8787	2.8787
16	10-1-2023	12-31-2023	4.5677	4.5677
17	1-1-2024	3-31-2024	4.3580	4.3580
18	4-1-2024	6-30-2024	4.3060	4.3060
19	7-1-2024	9-30-2024	4.3533	4.3533
20	10-1-2024	12-31-2024	4.4059	4.4059
21	1-1-2025	3-31-2025	4.1625	4.1625
22	4-1-2025	6-30-2025	4.1603	4.1603
23	7-1-2025	9-30-2025	4.3551	4.3551

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

24	10-1-2025	12-31-2025	5.2379	5.2379
25	1-1-2026	3-31-2026	5.0121	5.0121
26	4-1-2026	6-30-2026	5.0191	5.0191
27	7-1-2026	9-30-2026	5.0742	5.0742
28	10-1-2026	12-31-2026	5.1235	5.1235
29	1-1-2027	3-31-2027	4.9080	4.9080
30	4-1-2027	6-30-2027	4.9165	4.9165
31	7-1-2027	9-30-2027	4.9706	4.9706
32	10-1-2027	12-31-2027	5.0171	5.0171
33	1-1-2028	3-31-2028	4.8664	4.8664
34	4-1-2028	6-30-2028	4.8228	4.8228
35	7-1-2028	9-30-2028	4.8758	4.8758
36	10-1-2028	12-31-2028	4.9199	4.9199
37	1-1-2029	3-31-2029	4.7187	4.7187
38	4-1-2029	6-30-2029	4.7297	4.7297
39	7-1-2029	9-30-2029	4.7817	4.7817
40	10-1-2029	12-31-2029	4.8236	4.8236
41	1-1-2030	3-31-2030	4.4721	4.4721
42	4-1-2030	6-30-2030	4.4820	4.4820
43	7-1-2030	9-30-2030	4.5313	4.5313
44	10-1-2030	12-31-2030	4.5714	4.5714
45	1-1-2031	3-31-2031	4.3863	4.3863
46	4-1-2031	6-30-2031	4.3969	4.3969
47	7-1-2031	9-30-2031	4.4452	4.4452
48	10-1-2031	12-31-2031	4.4838	4.4838
49	1-1-2032	3-31-2032	4.3572	4.3572
50	4-1-2032	6-30-2032	4.3201	4.3201

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

51	7-1-2032	9-30-2032	4.3675	4.3675
52	10-1-2032	12-31-2032	4.4051	4.4051
53	1-1-2033	3-31-2033	4.2442	4.2442
54	4-1-2033	6-30-2033	3.6108	3.6108
55	7-1-2033	9-30-2033	1.1827	1.1827
56	10-1-2033	12-31-2033	1.1846	1.1846
57	1-1-2034	3-31-2034	1.1535	1.1535
58	4-1-2034	6-30-2034	1.1642	1.1642
59	7-1-2034	9-30-2034	1.1313	1.1313
60	10-1-2034	12-31-2034	0.8985	0.8985
61	1-1-2035	3-31-2035	0.8709	0.8709
62	4-1-2035	6-30-2035	0.8785	0.8785
63	7-1-2035	9-30-2035	0.8881	0.8881
		Highest	5.2379	5.2379

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	25.0830	0.5810	50.3593	2.6700e-003		0.2802	0.2802		0.2802	0.2802	0.0000	82.5528	82.5528	0.0786	0.0000	84.5178
Energy	0.3008	2.5809	1.1709	0.0164		0.2078	0.2078		0.2078	0.2078	0.0000	4,541.2365	4,541.2365	0.3725	0.1198	4,586.2571
Mobile	5.5148	28.8928	54.1202	0.2399	27.1736	0.1274	27.3011	7.2756	0.1184	7.3940	0.0000	22,222.0774	22,222.0774	0.8816	0.0000	22,244.1180
Waste						0.0000	0.0000		0.0000	0.0000	583.8345	0.0000	583.8345	34.5036	0.0000	1,446.4252
Water						0.0000	0.0000		0.0000	0.0000	120.6661	181.5290	302.1951	0.4519	0.2700	393.9473
<b>Total</b>	<b>30.8985</b>	<b>32.0546</b>	<b>105.6505</b>	<b>0.2590</b>	<b>27.1736</b>	<b>0.6155</b>	<b>27.7891</b>	<b>7.2756</b>	<b>0.6064</b>	<b>7.8820</b>	<b>704.5006</b>	<b>27,027.3956</b>	<b>27,731.8962</b>	<b>36.2882</b>	<b>0.3898</b>	<b>28,755.2655</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	25.0830	0.5810	50.3593	2.6700e-003		0.2802	0.2802		0.2802	0.2802	0.0000	82.5528	82.5528	0.0786	0.0000	84.5178
Energy	0.3008	2.5809	1.1709	0.0164		0.2078	0.2078		0.2078	0.2078	0.0000	4,541.2365	4,541.2365	0.3725	0.1198	4,586.2571
Mobile	5.4606	28.6277	52.8659	0.2331	26.3106	0.1243	26.4349	7.0445	0.1154	7.1599	0.0000	21,590.3995	21,590.3995	0.8629	0.0000	21,611.9728
Waste						0.0000	0.0000		0.0000	0.0000	583.8345	0.0000	583.8345	34.5036	0.0000	1,446.4252
Water						0.0000	0.0000		0.0000	0.0000	120.6661	181.5290	302.1951	0.4519	0.2700	393.9473
<b>Total</b>	<b>30.8443</b>	<b>31.7895</b>	<b>104.3962</b>	<b>0.2521</b>	<b>26.3106</b>	<b>0.6123</b>	<b>26.9229</b>	<b>7.0445</b>	<b>0.6034</b>	<b>7.6480</b>	<b>704.5006</b>	<b>26,395.7176</b>	<b>27,100.2183</b>	<b>36.2695</b>	<b>0.3898</b>	<b>28,123.1202</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.18	0.83	1.19	2.64	3.18	0.52	3.12	3.18	0.49	2.97	0.00	2.34	2.28	0.05	0.00	2.20

**3.0 Construction Detail**

**Construction Phase**

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	2/23/2021	5	300	
2	Site Preparation	Site Preparation	2/24/2021	11/2/2021	5	180	
3	Grading	Grading	11/3/2021	8/15/2023	5	465	
4	Building Construction	Building Construction	8/16/2023	6/11/2033	5	2563	
5	Paving	Paving	6/12/2033	9/15/2034	5	330	
6	Architectural Coating	Architectural Coating	9/17/2025	12/22/2035	5	2678	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 1162.5**

**Acres of Paving: 0**

**Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 460,530; Non-Residential Outdoor: 153,510; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	1,040.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,087.00	1,142.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,017.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1025	0.0000	0.1025	0.0155	0.0000	0.0155	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4339	4.3493	2.8497	5.0800e-003		0.2173	0.2173		0.2020	0.2020	0.0000	445.3818	445.3818	0.1257	0.0000	448.5250
<b>Total</b>	<b>0.4339</b>	<b>4.3493</b>	<b>2.8497</b>	<b>5.0800e-003</b>	<b>0.1025</b>	<b>0.2173</b>	<b>0.3198</b>	<b>0.0155</b>	<b>0.2020</b>	<b>0.2175</b>	<b>0.0000</b>	<b>445.3818</b>	<b>445.3818</b>	<b>0.1257</b>	<b>0.0000</b>	<b>448.5250</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.4900e-003	0.1305	0.0295	3.6000e-004	8.5000e-003	4.7000e-004	8.9700e-003	2.3100e-003	4.5000e-004	2.7600e-003	0.0000	34.7469	34.7469	2.0200e-003	0.0000	34.7974
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3100e-003	4.9600e-003	0.0544	1.4000e-004	0.0144	1.0000e-004	0.0145	3.8400e-003	1.0000e-004	3.9300e-003	0.0000	12.7870	12.7870	3.6000e-004	0.0000	12.7960
<b>Total</b>	<b>0.0108</b>	<b>0.1354</b>	<b>0.0839</b>	<b>5.0000e-004</b>	<b>0.0229</b>	<b>5.7000e-004</b>	<b>0.0235</b>	<b>6.1500e-003</b>	<b>5.5000e-004</b>	<b>6.6900e-003</b>	<b>0.0000</b>	<b>47.5338</b>	<b>47.5338</b>	<b>2.3800e-003</b>	<b>0.0000</b>	<b>47.5934</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1025	0.0000	0.1025	0.0155	0.0000	0.0155	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4339	4.3493	2.8497	5.0800e-003		0.2173	0.2173		0.2020	0.2020	0.0000	445.3812	445.3812	0.1257	0.0000	448.5244
<b>Total</b>	<b>0.4339</b>	<b>4.3493</b>	<b>2.8497</b>	<b>5.0800e-003</b>	<b>0.1025</b>	<b>0.2173</b>	<b>0.3198</b>	<b>0.0155</b>	<b>0.2020</b>	<b>0.2175</b>	<b>0.0000</b>	<b>445.3812</b>	<b>445.3812</b>	<b>0.1257</b>	<b>0.0000</b>	<b>448.5244</b>

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**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.4900e-003	0.1305	0.0295	3.6000e-004	8.5000e-003	4.7000e-004	8.9700e-003	2.3100e-003	4.5000e-004	2.7600e-003	0.0000	34.7469	34.7469	2.0200e-003	0.0000	34.7974
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3100e-003	4.9600e-003	0.0544	1.4000e-004	0.0144	1.0000e-004	0.0145	3.8400e-003	1.0000e-004	3.9300e-003	0.0000	12.7870	12.7870	3.6000e-004	0.0000	12.7960
<b>Total</b>	<b>0.0108</b>	<b>0.1354</b>	<b>0.0839</b>	<b>5.0000e-004</b>	<b>0.0229</b>	<b>5.7000e-004</b>	<b>0.0235</b>	<b>6.1500e-003</b>	<b>5.5000e-004</b>	<b>6.6900e-003</b>	<b>0.0000</b>	<b>47.5338</b>	<b>47.5338</b>	<b>2.3800e-003</b>	<b>0.0000</b>	<b>47.5934</b>

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0149	0.0000	0.0149	2.2500e-003	0.0000	2.2500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0601	0.5974	0.4097	7.4000e-004		0.0295	0.0295		0.0274	0.0274	0.0000	64.6015	64.6015	0.0182	0.0000	65.0561
<b>Total</b>	<b>0.0601</b>	<b>0.5974</b>	<b>0.4097</b>	<b>7.4000e-004</b>	<b>0.0149</b>	<b>0.0295</b>	<b>0.0444</b>	<b>2.2500e-003</b>	<b>0.0274</b>	<b>0.0296</b>	<b>0.0000</b>	<b>64.6015</b>	<b>64.6015</b>	<b>0.0182</b>	<b>0.0000</b>	<b>65.0561</b>

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**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.7000e-004	0.0174	3.9700e-003	5.0000e-005	6.8800e-003	6.0000e-005	6.9400e-003	1.7200e-003	6.0000e-005	1.7800e-003	0.0000	4.9811	4.9811	2.9000e-004	0.0000	4.9883
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.9000e-004	6.4000e-004	7.2100e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1100e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.7915	1.7915	5.0000e-005	0.0000	1.7926
<b>Total</b>	<b>1.4600e-003</b>	<b>0.0180</b>	<b>0.0112</b>	<b>7.0000e-005</b>	<b>8.9700e-003</b>	<b>7.0000e-005</b>	<b>9.0500e-003</b>	<b>2.2800e-003</b>	<b>7.0000e-005</b>	<b>2.3500e-003</b>	<b>0.0000</b>	<b>6.7725</b>	<b>6.7725</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>6.7809</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0149	0.0000	0.0149	2.2500e-003	0.0000	2.2500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0601	0.5974	0.4097	7.4000e-004		0.0295	0.0295		0.0274	0.0274	0.0000	64.6014	64.6014	0.0182	0.0000	65.0560
<b>Total</b>	<b>0.0601</b>	<b>0.5974</b>	<b>0.4097</b>	<b>7.4000e-004</b>	<b>0.0149</b>	<b>0.0295</b>	<b>0.0444</b>	<b>2.2500e-003</b>	<b>0.0274</b>	<b>0.0296</b>	<b>0.0000</b>	<b>64.6014</b>	<b>64.6014</b>	<b>0.0182</b>	<b>0.0000</b>	<b>65.0560</b>

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**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.7000e-004	0.0174	3.9700e-003	5.0000e-005	6.8800e-003	6.0000e-005	6.9400e-003	1.7200e-003	6.0000e-005	1.7800e-003	0.0000	4.9811	4.9811	2.9000e-004	0.0000	4.9883
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.9000e-004	6.4000e-004	7.2100e-003	2.0000e-005	2.0900e-003	1.0000e-005	2.1100e-003	5.6000e-004	1.0000e-005	5.7000e-004	0.0000	1.7915	1.7915	5.0000e-005	0.0000	1.7926
<b>Total</b>	<b>1.4600e-003</b>	<b>0.0180</b>	<b>0.0112</b>	<b>7.0000e-005</b>	<b>8.9700e-003</b>	<b>7.0000e-005</b>	<b>9.0500e-003</b>	<b>2.2800e-003</b>	<b>7.0000e-005</b>	<b>2.3500e-003</b>	<b>0.0000</b>	<b>6.7725</b>	<b>6.7725</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>6.7809</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.6260	0.0000	1.6260	0.8938	0.0000	0.8938	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3499	3.6447	1.9039	3.4200e-003		0.1840	0.1840		0.1693	0.1693	0.0000	300.9215	300.9215	0.0973	0.0000	303.3546
<b>Total</b>	<b>0.3499</b>	<b>3.6447</b>	<b>1.9039</b>	<b>3.4200e-003</b>	<b>1.6260</b>	<b>0.1840</b>	<b>1.8100</b>	<b>0.8938</b>	<b>0.1693</b>	<b>1.0630</b>	<b>0.0000</b>	<b>300.9215</b>	<b>300.9215</b>	<b>0.0973</b>	<b>0.0000</b>	<b>303.3546</b>

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**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6100e-003	3.6700e-003	0.0410	1.1000e-004	0.0119	8.0000e-005	0.0120	3.1600e-003	8.0000e-005	3.2400e-003	0.0000	10.1830	10.1830	2.7000e-004	0.0000	10.1897
<b>Total</b>	<b>5.6100e-003</b>	<b>3.6700e-003</b>	<b>0.0410</b>	<b>1.1000e-004</b>	<b>0.0119</b>	<b>8.0000e-005</b>	<b>0.0120</b>	<b>3.1600e-003</b>	<b>8.0000e-005</b>	<b>3.2400e-003</b>	<b>0.0000</b>	<b>10.1830</b>	<b>10.1830</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>10.1897</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.6260	0.0000	1.6260	0.8938	0.0000	0.8938	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3499	3.6447	1.9039	3.4200e-003		0.1840	0.1840		0.1693	0.1693	0.0000	300.9211	300.9211	0.0973	0.0000	303.3542
<b>Total</b>	<b>0.3499</b>	<b>3.6447</b>	<b>1.9039</b>	<b>3.4200e-003</b>	<b>1.6260</b>	<b>0.1840</b>	<b>1.8100</b>	<b>0.8938</b>	<b>0.1693</b>	<b>1.0630</b>	<b>0.0000</b>	<b>300.9211</b>	<b>300.9211</b>	<b>0.0973</b>	<b>0.0000</b>	<b>303.3542</b>

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**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6100e-003	3.6700e-003	0.0410	1.1000e-004	0.0119	8.0000e-005	0.0120	3.1600e-003	8.0000e-005	3.2400e-003	0.0000	10.1830	10.1830	2.7000e-004	0.0000	10.1897
<b>Total</b>	<b>5.6100e-003</b>	<b>3.6700e-003</b>	<b>0.0410</b>	<b>1.1000e-004</b>	<b>0.0119</b>	<b>8.0000e-005</b>	<b>0.0120</b>	<b>3.1600e-003</b>	<b>8.0000e-005</b>	<b>3.2400e-003</b>	<b>0.0000</b>	<b>10.1830</b>	<b>10.1830</b>	<b>2.7000e-004</b>	<b>0.0000</b>	<b>10.1897</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.7459	0.0000	0.7459	0.1377	0.0000	0.1377	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0901	0.9976	0.6639	1.3300e-003		0.0427	0.0427		0.0393	0.0393	0.0000	117.1642	117.1642	0.0379	0.0000	118.1115
<b>Total</b>	<b>0.0901</b>	<b>0.9976</b>	<b>0.6639</b>	<b>1.3300e-003</b>	<b>0.7459</b>	<b>0.0427</b>	<b>0.7886</b>	<b>0.1377</b>	<b>0.0393</b>	<b>0.1770</b>	<b>0.0000</b>	<b>117.1642</b>	<b>117.1642</b>	<b>0.0379</b>	<b>0.0000</b>	<b>118.1115</b>

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**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4900e-003	9.7000e-004	0.0109	3.0000e-005	3.1600e-003	2.0000e-005	3.1800e-003	8.4000e-004	2.0000e-005	8.6000e-004	0.0000	2.7029	2.7029	7.0000e-005	0.0000	2.7047
<b>Total</b>	<b>1.4900e-003</b>	<b>9.7000e-004</b>	<b>0.0109</b>	<b>3.0000e-005</b>	<b>3.1600e-003</b>	<b>2.0000e-005</b>	<b>3.1800e-003</b>	<b>8.4000e-004</b>	<b>2.0000e-005</b>	<b>8.6000e-004</b>	<b>0.0000</b>	<b>2.7029</b>	<b>2.7029</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>2.7047</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.7459	0.0000	0.7459	0.1377	0.0000	0.1377	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0901	0.9976	0.6639	1.3300e-003		0.0427	0.0427		0.0393	0.0393	0.0000	117.1641	117.1641	0.0379	0.0000	118.1114
<b>Total</b>	<b>0.0901</b>	<b>0.9976</b>	<b>0.6639</b>	<b>1.3300e-003</b>	<b>0.7459</b>	<b>0.0427</b>	<b>0.7886</b>	<b>0.1377</b>	<b>0.0393</b>	<b>0.1770</b>	<b>0.0000</b>	<b>117.1641</b>	<b>117.1641</b>	<b>0.0379</b>	<b>0.0000</b>	<b>118.1114</b>



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**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4900e-003	9.7000e-004	0.0109	3.0000e-005	3.1600e-003	2.0000e-005	3.1800e-003	8.4000e-004	2.0000e-005	8.6000e-004	0.0000	2.7029	2.7029	7.0000e-005	0.0000	2.7047
<b>Total</b>	<b>1.4900e-003</b>	<b>9.7000e-004</b>	<b>0.0109</b>	<b>3.0000e-005</b>	<b>3.1600e-003</b>	<b>2.0000e-005</b>	<b>3.1800e-003</b>	<b>8.4000e-004</b>	<b>2.0000e-005</b>	<b>8.6000e-004</b>	<b>0.0000</b>	<b>2.7029</b>	<b>2.7029</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>2.7047</b>

**3.4 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3993	0.0000	1.3993	0.4969	0.0000	0.4969	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4712	5.0497	3.7754	8.0700e-003		0.2125	0.2125		0.1955	0.1955	0.0000	708.9498	708.9498	0.2293	0.0000	714.6820
<b>Total</b>	<b>0.4712</b>	<b>5.0497</b>	<b>3.7754</b>	<b>8.0700e-003</b>	<b>1.3993</b>	<b>0.2125</b>	<b>1.6118</b>	<b>0.4969</b>	<b>0.1955</b>	<b>0.6924</b>	<b>0.0000</b>	<b>708.9498</b>	<b>708.9498</b>	<b>0.2293</b>	<b>0.0000</b>	<b>714.6820</b>

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**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.4100e-003	5.2900e-003	0.0605	1.7000e-004	0.0191	1.3000e-004	0.0192	5.0800e-003	1.2000e-004	5.2000e-003	0.0000	15.7577	15.7577	3.9000e-004	0.0000	15.7673
<b>Total</b>	<b>8.4100e-003</b>	<b>5.2900e-003</b>	<b>0.0605</b>	<b>1.7000e-004</b>	<b>0.0191</b>	<b>1.3000e-004</b>	<b>0.0192</b>	<b>5.0800e-003</b>	<b>1.2000e-004</b>	<b>5.2000e-003</b>	<b>0.0000</b>	<b>15.7577</b>	<b>15.7577</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>15.7673</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3993	0.0000	1.3993	0.4969	0.0000	0.4969	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4712	5.0497	3.7754	8.0700e-003		0.2125	0.2125		0.1955	0.1955	0.0000	708.9490	708.9490	0.2293	0.0000	714.6812
<b>Total</b>	<b>0.4712</b>	<b>5.0497</b>	<b>3.7754</b>	<b>8.0700e-003</b>	<b>1.3993</b>	<b>0.2125</b>	<b>1.6118</b>	<b>0.4969</b>	<b>0.1955</b>	<b>0.6924</b>	<b>0.0000</b>	<b>708.9490</b>	<b>708.9490</b>	<b>0.2293</b>	<b>0.0000</b>	<b>714.6812</b>

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**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.4100e-003	5.2900e-003	0.0605	1.7000e-004	0.0191	1.3000e-004	0.0192	5.0800e-003	1.2000e-004	5.2000e-003	0.0000	15.7577	15.7577	3.9000e-004	0.0000	15.7673
<b>Total</b>	<b>8.4100e-003</b>	<b>5.2900e-003</b>	<b>0.0605</b>	<b>1.7000e-004</b>	<b>0.0191</b>	<b>1.3000e-004</b>	<b>0.0192</b>	<b>5.0800e-003</b>	<b>1.2000e-004</b>	<b>5.2000e-003</b>	<b>0.0000</b>	<b>15.7577</b>	<b>15.7577</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>15.7673</b>

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1042	0.0000	1.1042	0.3347	0.0000	0.3347	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2691	2.7958	2.2721	5.0300e-003		0.1154	0.1154		0.1062	0.1062	0.0000	441.7352	441.7352	0.1429	0.0000	445.3068
<b>Total</b>	<b>0.2691</b>	<b>2.7958</b>	<b>2.2721</b>	<b>5.0300e-003</b>	<b>1.1042</b>	<b>0.1154</b>	<b>1.2196</b>	<b>0.3347</b>	<b>0.1062</b>	<b>0.4408</b>	<b>0.0000</b>	<b>441.7352</b>	<b>441.7352</b>	<b>0.1429</b>	<b>0.0000</b>	<b>445.3068</b>

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**3.4 Grading - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9100e-003	2.9700e-003	0.0346	1.0000e-004	0.0119	8.0000e-005	0.0120	3.1600e-003	7.0000e-005	3.2400e-003	0.0000	9.4496	9.4496	2.2000e-004	0.0000	9.4549
<b>Total</b>	<b>4.9100e-003</b>	<b>2.9700e-003</b>	<b>0.0346</b>	<b>1.0000e-004</b>	<b>0.0119</b>	<b>8.0000e-005</b>	<b>0.0120</b>	<b>3.1600e-003</b>	<b>7.0000e-005</b>	<b>3.2400e-003</b>	<b>0.0000</b>	<b>9.4496</b>	<b>9.4496</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>9.4549</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1042	0.0000	1.1042	0.3347	0.0000	0.3347	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2691	2.7958	2.2721	5.0300e-003		0.1154	0.1154		0.1062	0.1062	0.0000	441.7347	441.7347	0.1429	0.0000	445.3063
<b>Total</b>	<b>0.2691</b>	<b>2.7958</b>	<b>2.2721</b>	<b>5.0300e-003</b>	<b>1.1042</b>	<b>0.1154</b>	<b>1.2196</b>	<b>0.3347</b>	<b>0.1062</b>	<b>0.4408</b>	<b>0.0000</b>	<b>441.7347</b>	<b>441.7347</b>	<b>0.1429</b>	<b>0.0000</b>	<b>445.3063</b>

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**3.4 Grading - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9100e-003	2.9700e-003	0.0346	1.0000e-004	0.0119	8.0000e-005	0.0120	3.1600e-003	7.0000e-005	3.2400e-003	0.0000	9.4496	9.4496	2.2000e-004	0.0000	9.4549
<b>Total</b>	<b>4.9100e-003</b>	<b>2.9700e-003</b>	<b>0.0346</b>	<b>1.0000e-004</b>	<b>0.0119</b>	<b>8.0000e-005</b>	<b>0.0120</b>	<b>3.1600e-003</b>	<b>7.0000e-005</b>	<b>3.2400e-003</b>	<b>0.0000</b>	<b>9.4496</b>	<b>9.4496</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>9.4549</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0771	0.7049	0.7960	1.3200e-003		0.0343	0.0343		0.0323	0.0323	0.0000	113.5843	113.5843	0.0270	0.0000	114.2598
<b>Total</b>	<b>0.0771</b>	<b>0.7049</b>	<b>0.7960</b>	<b>1.3200e-003</b>		<b>0.0343</b>	<b>0.0343</b>		<b>0.0323</b>	<b>0.0323</b>	<b>0.0000</b>	<b>113.5843</b>	<b>113.5843</b>	<b>0.0270</b>	<b>0.0000</b>	<b>114.2598</b>

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**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1291	4.5937	1.2480	0.0133	0.3271	6.6000e-003	0.3337	0.0945	6.3100e-003	0.1008	0.0000	1,277.4267	1,277.4267	0.0654	0.0000	1,279.0623
Worker	0.7550	0.4563	5.3242	0.0161	1.8307	0.0122	1.8428	0.4869	0.0112	0.4981	0.0000	1,453.9651	1,453.9651	0.0331	0.0000	1,454.7935
<b>Total</b>	<b>0.8841</b>	<b>5.0500</b>	<b>6.5722</b>	<b>0.0294</b>	<b>2.1578</b>	<b>0.0188</b>	<b>2.1765</b>	<b>0.5814</b>	<b>0.0175</b>	<b>0.5989</b>	<b>0.0000</b>	<b>2,731.3918</b>	<b>2,731.3918</b>	<b>0.0986</b>	<b>0.0000</b>	<b>2,733.8558</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0771	0.7049	0.7960	1.3200e-003		0.0343	0.0343		0.0323	0.0323	0.0000	113.5842	113.5842	0.0270	0.0000	114.2597
<b>Total</b>	<b>0.0771</b>	<b>0.7049</b>	<b>0.7960</b>	<b>1.3200e-003</b>		<b>0.0343</b>	<b>0.0343</b>		<b>0.0323</b>	<b>0.0323</b>	<b>0.0000</b>	<b>113.5842</b>	<b>113.5842</b>	<b>0.0270</b>	<b>0.0000</b>	<b>114.2597</b>

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**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1291	4.5937	1.2480	0.0133	0.3271	6.6000e-003	0.3337	0.0945	6.3100e-003	0.1008	0.0000	1,277.4267	1,277.4267	0.0654	0.0000	1,279.0623
Worker	0.7550	0.4563	5.3242	0.0161	1.8307	0.0122	1.8428	0.4869	0.0112	0.4981	0.0000	1,453.9651	1,453.9651	0.0331	0.0000	1,454.7935
<b>Total</b>	<b>0.8841</b>	<b>5.0500</b>	<b>6.5722</b>	<b>0.0294</b>	<b>2.1578</b>	<b>0.0188</b>	<b>2.1765</b>	<b>0.5814</b>	<b>0.0175</b>	<b>0.5989</b>	<b>0.0000</b>	<b>2,731.3918</b>	<b>2,731.3918</b>	<b>0.0986</b>	<b>0.0000</b>	<b>2,733.8558</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179
<b>Total</b>	<b>0.1928</b>	<b>1.7611</b>	<b>2.1179</b>	<b>3.5300e-003</b>		<b>0.0803</b>	<b>0.0803</b>		<b>0.0756</b>	<b>0.0756</b>	<b>0.0000</b>	<b>303.7223</b>	<b>303.7223</b>	<b>0.0718</b>	<b>0.0000</b>	<b>305.5179</b>

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**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3290	12.0466	3.1191	0.0353	0.8744	0.0168	0.8911	0.2527	0.0160	0.2687	0.0000	3,395.3350	3,395.3350	0.1728	0.0000	3,399.6545
Worker	1.8980	1.1026	13.1818	0.0413	4.8943	0.0318	4.9261	1.3017	0.0293	1.3310	0.0000	3,736.0259	3,736.0259	0.0799	0.0000	3,738.0237
<b>Total</b>	<b>2.2270</b>	<b>13.1492</b>	<b>16.3009</b>	<b>0.0766</b>	<b>5.7686</b>	<b>0.0486</b>	<b>5.8172</b>	<b>1.5544</b>	<b>0.0453</b>	<b>1.5997</b>	<b>0.0000</b>	<b>7,131.3609</b>	<b>7,131.3609</b>	<b>0.2527</b>	<b>0.0000</b>	<b>7,137.6782</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
<b>Total</b>	<b>0.1928</b>	<b>1.7611</b>	<b>2.1179</b>	<b>3.5300e-003</b>		<b>0.0803</b>	<b>0.0803</b>		<b>0.0756</b>	<b>0.0756</b>	<b>0.0000</b>	<b>303.7220</b>	<b>303.7220</b>	<b>0.0718</b>	<b>0.0000</b>	<b>305.5175</b>



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**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3290	12.0466	3.1191	0.0353	0.8744	0.0168	0.8911	0.2527	0.0160	0.2687	0.0000	3,395.3350	3,395.3350	0.1728	0.0000	3,399.6545
Worker	1.8980	1.1026	13.1818	0.0413	4.8943	0.0318	4.9261	1.3017	0.0293	1.3310	0.0000	3,736.0259	3,736.0259	0.0799	0.0000	3,738.0237
<b>Total</b>	<b>2.2270</b>	<b>13.1492</b>	<b>16.3009</b>	<b>0.0766</b>	<b>5.7686</b>	<b>0.0486</b>	<b>5.8172</b>	<b>1.5544</b>	<b>0.0453</b>	<b>1.5997</b>	<b>0.0000</b>	<b>7,131.3609</b>	<b>7,131.3609</b>	<b>0.2527</b>	<b>0.0000</b>	<b>7,137.6782</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3143	11.7782	2.9420	0.0349	0.8710	0.0158	0.8868	0.2517	0.0151	0.2668	0.0000	3,363.2835	3,363.2835	0.1701	0.0000	3,367.5360
Worker	1.7856	0.9974	12.1634	0.0395	4.8756	0.0311	4.9067	1.2968	0.0286	1.3254	0.0000	3,572.7593	3,572.7593	0.0722	0.0000	3,574.5631
<b>Total</b>	<b>2.0999</b>	<b>12.7756</b>	<b>15.1054</b>	<b>0.0744</b>	<b>5.7465</b>	<b>0.0469</b>	<b>5.7935</b>	<b>1.5484</b>	<b>0.0438</b>	<b>1.5922</b>	<b>0.0000</b>	<b>6,936.0428</b>	<b>6,936.0428</b>	<b>0.2423</b>	<b>0.0000</b>	<b>6,942.0991</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>

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**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3143	11.7782	2.9420	0.0349	0.8710	0.0158	0.8868	0.2517	0.0151	0.2668	0.0000	3,363.2835	3,363.2835	0.1701	0.0000	3,367.5360
Worker	1.7856	0.9974	12.1634	0.0395	4.8756	0.0311	4.9067	1.2968	0.0286	1.3254	0.0000	3,572.7593	3,572.7593	0.0722	0.0000	3,574.5631
<b>Total</b>	<b>2.0999</b>	<b>12.7756</b>	<b>15.1054</b>	<b>0.0744</b>	<b>5.7465</b>	<b>0.0469</b>	<b>5.7935</b>	<b>1.5484</b>	<b>0.0438</b>	<b>1.5922</b>	<b>0.0000</b>	<b>6,936.0428</b>	<b>6,936.0428</b>	<b>0.2423</b>	<b>0.0000</b>	<b>6,942.0991</b>

**3.5 Building Construction - 2026**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3025	11.5666	2.8075	0.0347	0.8709	0.0150	0.8858	0.2516	0.0143	0.2660	0.0000	3,345.1447	3,345.1447	0.1683	0.0000	3,349.3513
Worker	1.6927	0.9112	11.3211	0.0380	4.8756	0.0302	4.9058	1.2968	0.0278	1.3245	0.0000	3,440.0169	3,440.0169	0.0657	0.0000	3,441.6589
<b>Total</b>	<b>1.9952</b>	<b>12.4777</b>	<b>14.1286</b>	<b>0.0727</b>	<b>5.7465</b>	<b>0.0452</b>	<b>5.7916</b>	<b>1.5484</b>	<b>0.0421</b>	<b>1.5905</b>	<b>0.0000</b>	<b>6,785.1615</b>	<b>6,785.1615</b>	<b>0.2339</b>	<b>0.0000</b>	<b>6,791.0102</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>

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**3.5 Building Construction - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3025	11.5666	2.8075	0.0347	0.8709	0.0150	0.8858	0.2516	0.0143	0.2660	0.0000	3,345.1447	3,345.1447	0.1683	0.0000	3,349.3513
Worker	1.6927	0.9112	11.3211	0.0380	4.8756	0.0302	4.9058	1.2968	0.0278	1.3245	0.0000	3,440.0169	3,440.0169	0.0657	0.0000	3,441.6589
<b>Total</b>	<b>1.9952</b>	<b>12.4777</b>	<b>14.1286</b>	<b>0.0727</b>	<b>5.7465</b>	<b>0.0452</b>	<b>5.7916</b>	<b>1.5484</b>	<b>0.0421</b>	<b>1.5905</b>	<b>0.0000</b>	<b>6,785.1615</b>	<b>6,785.1615</b>	<b>0.2339</b>	<b>0.0000</b>	<b>6,791.0102</b>

**3.5 Building Construction - 2027**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2027**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2921	11.3720	2.6905	0.0345	0.8708	0.0142	0.8851	0.2516	0.0136	0.2652	0.0000	3,328.0870	3,328.0870	0.1665	0.0000	3,332.2489
Worker	1.6016	0.8337	10.5608	0.0367	4.8756	0.0287	4.9043	1.2968	0.0264	1.3232	0.0000	3,321.1875	3,321.1875	0.0598	0.0000	3,322.6835
<b>Total</b>	<b>1.8938</b>	<b>12.2057</b>	<b>13.2512</b>	<b>0.0712</b>	<b>5.7464</b>	<b>0.0429</b>	<b>5.7893</b>	<b>1.5484</b>	<b>0.0400</b>	<b>1.5884</b>	<b>0.0000</b>	<b>6,649.2745</b>	<b>6,649.2745</b>	<b>0.2263</b>	<b>0.0000</b>	<b>6,654.9324</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>

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**3.5 Building Construction - 2027**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2921	11.3720	2.6905	0.0345	0.8708	0.0142	0.8851	0.2516	0.0136	0.2652	0.0000	3,328.0870	3,328.0870	0.1665	0.0000	3,332.2489
Worker	1.6016	0.8337	10.5608	0.0367	4.8756	0.0287	4.9043	1.2968	0.0264	1.3232	0.0000	3,321.1875	3,321.1875	0.0598	0.0000	3,322.6835
<b>Total</b>	<b>1.8938</b>	<b>12.2057</b>	<b>13.2512</b>	<b>0.0712</b>	<b>5.7464</b>	<b>0.0429</b>	<b>5.7893</b>	<b>1.5484</b>	<b>0.0400</b>	<b>1.5884</b>	<b>0.0000</b>	<b>6,649.2745</b>	<b>6,649.2745</b>	<b>0.2263</b>	<b>0.0000</b>	<b>6,654.9324</b>

**3.5 Building Construction - 2028**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671
<b>Total</b>	<b>0.1778</b>	<b>1.6211</b>	<b>2.0910</b>	<b>3.5000e-003</b>		<b>0.0686</b>	<b>0.0686</b>		<b>0.0645</b>	<b>0.0645</b>	<b>0.0000</b>	<b>301.4953</b>	<b>301.4953</b>	<b>0.0709</b>	<b>0.0000</b>	<b>303.2671</b>

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**3.5 Building Construction - 2028**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2819	11.1634	2.5817	0.0342	0.8674	0.0136	0.8810	0.2506	0.0130	0.2636	0.0000	3,300.8398	3,300.8398	0.1640	0.0000	3,304.9405
Worker	1.5015	0.7620	9.8525	0.0354	4.8569	0.0267	4.8836	1.2918	0.0246	1.3163	0.0000	3,203.3805	3,203.3805	0.0546	0.0000	3,204.7451
<b>Total</b>	<b>1.7834</b>	<b>11.9255</b>	<b>12.4342</b>	<b>0.0696</b>	<b>5.7243</b>	<b>0.0402</b>	<b>5.7646</b>	<b>1.5424</b>	<b>0.0375</b>	<b>1.5799</b>	<b>0.0000</b>	<b>6,504.2203</b>	<b>6,504.2203</b>	<b>0.2186</b>	<b>0.0000</b>	<b>6,509.6856</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667
<b>Total</b>	<b>0.1778</b>	<b>1.6211</b>	<b>2.0910</b>	<b>3.5000e-003</b>		<b>0.0686</b>	<b>0.0686</b>		<b>0.0645</b>	<b>0.0645</b>	<b>0.0000</b>	<b>301.4949</b>	<b>301.4949</b>	<b>0.0709</b>	<b>0.0000</b>	<b>303.2667</b>



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**3.5 Building Construction - 2028**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2819	11.1634	2.5817	0.0342	0.8674	0.0136	0.8810	0.2506	0.0130	0.2636	0.0000	3,300.8398	3,300.8398	0.1640	0.0000	3,304.9405
Worker	1.5015	0.7620	9.8525	0.0354	4.8569	0.0267	4.8836	1.2918	0.0246	1.3163	0.0000	3,203.3805	3,203.3805	0.0546	0.0000	3,204.7451
<b>Total</b>	<b>1.7834</b>	<b>11.9255</b>	<b>12.4342</b>	<b>0.0696</b>	<b>5.7243</b>	<b>0.0402</b>	<b>5.7646</b>	<b>1.5424</b>	<b>0.0375</b>	<b>1.5799</b>	<b>0.0000</b>	<b>6,504.2203</b>	<b>6,504.2203</b>	<b>0.2186</b>	<b>0.0000</b>	<b>6,509.6856</b>

**3.5 Building Construction - 2029**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
<b>Total</b>	<b>0.1785</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6549</b>	<b>302.6549</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4335</b>

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**3.5 Building Construction - 2029**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2747	11.0487	2.5089	0.0342	0.8707	0.0130	0.8837	0.2516	0.0124	0.2640	0.0000	3,300.2901	3,300.2901	0.1628	0.0000	3,304.3613
Worker	1.4044	0.7008	9.2467	0.0345	4.8756	0.0249	4.9005	1.2968	0.0230	1.3197	0.0000	3,122.2114	3,122.2114	0.0500	0.0000	3,123.4613
<b>Total</b>	<b>1.6791</b>	<b>11.7496</b>	<b>11.7556</b>	<b>0.0687</b>	<b>5.7463</b>	<b>0.0379</b>	<b>5.7842</b>	<b>1.5483</b>	<b>0.0353</b>	<b>1.5837</b>	<b>0.0000</b>	<b>6,422.5015</b>	<b>6,422.5015</b>	<b>0.2128</b>	<b>0.0000</b>	<b>6,427.8226</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
<b>Total</b>	<b>0.1784</b>	<b>1.6273</b>	<b>2.0991</b>	<b>3.5200e-003</b>		<b>0.0689</b>	<b>0.0689</b>		<b>0.0648</b>	<b>0.0648</b>	<b>0.0000</b>	<b>302.6545</b>	<b>302.6545</b>	<b>0.0711</b>	<b>0.0000</b>	<b>304.4331</b>

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**3.5 Building Construction - 2029**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2747	11.0487	2.5089	0.0342	0.8707	0.0130	0.8837	0.2516	0.0124	0.2640	0.0000	3,300.2901	3,300.2901	0.1628	0.0000	3,304.3613
Worker	1.4044	0.7008	9.2467	0.0345	4.8756	0.0249	4.9005	1.2968	0.0230	1.3197	0.0000	3,122.2114	3,122.2114	0.0500	0.0000	3,123.4613
<b>Total</b>	<b>1.6791</b>	<b>11.7496</b>	<b>11.7556</b>	<b>0.0687</b>	<b>5.7463</b>	<b>0.0379</b>	<b>5.7842</b>	<b>1.5483</b>	<b>0.0353</b>	<b>1.5837</b>	<b>0.0000</b>	<b>6,422.5015</b>	<b>6,422.5015</b>	<b>0.2128</b>	<b>0.0000</b>	<b>6,427.8226</b>

**3.5 Building Construction - 2030**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
<b>Total</b>	<b>0.1708</b>	<b>1.0355</b>	<b>2.1085</b>	<b>4.0400e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>343.0336</b>	<b>343.0336</b>	<b>0.0138</b>	<b>0.0000</b>	<b>343.3777</b>

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**3.5 Building Construction - 2030**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2672	10.9011	2.4408	0.0341	0.8707	0.0123	0.8830	0.2516	0.0118	0.2633	0.0000	3,288.4638	3,288.4638	0.1610	0.0000	3,292.4879
Worker	1.3049	0.6429	8.6675	0.0336	4.8756	0.0232	4.8988	1.2968	0.0214	1.3181	0.0000	3,039.8531	3,039.8531	0.0457	0.0000	3,040.9961
<b>Total</b>	<b>1.5722</b>	<b>11.5441</b>	<b>11.1082</b>	<b>0.0677</b>	<b>5.7463</b>	<b>0.0355</b>	<b>5.7818</b>	<b>1.5483</b>	<b>0.0331</b>	<b>1.5814</b>	<b>0.0000</b>	<b>6,328.3169</b>	<b>6,328.3169</b>	<b>0.2067</b>	<b>0.0000</b>	<b>6,333.4840</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
<b>Total</b>	<b>0.1708</b>	<b>1.0355</b>	<b>2.1085</b>	<b>4.0400e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>343.0332</b>	<b>343.0332</b>	<b>0.0138</b>	<b>0.0000</b>	<b>343.3773</b>

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**3.5 Building Construction - 2030**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2672	10.9011	2.4408	0.0341	0.8707	0.0123	0.8830	0.2516	0.0118	0.2633	0.0000	3,288.4638	3,288.4638	0.1610	0.0000	3,292.4879
Worker	1.3049	0.6429	8.6675	0.0336	4.8756	0.0232	4.8988	1.2968	0.0214	1.3181	0.0000	3,039.8531	3,039.8531	0.0457	0.0000	3,040.9961
<b>Total</b>	<b>1.5722</b>	<b>11.5441</b>	<b>11.1082</b>	<b>0.0677</b>	<b>5.7463</b>	<b>0.0355</b>	<b>5.7818</b>	<b>1.5483</b>	<b>0.0331</b>	<b>1.5814</b>	<b>0.0000</b>	<b>6,328.3169</b>	<b>6,328.3169</b>	<b>0.2067</b>	<b>0.0000</b>	<b>6,333.4840</b>

**3.5 Building Construction - 2031**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
<b>Total</b>	<b>0.1708</b>	<b>1.0355</b>	<b>2.1085</b>	<b>4.0400e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>343.0336</b>	<b>343.0336</b>	<b>0.0138</b>	<b>0.0000</b>	<b>343.3777</b>

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**3.5 Building Construction - 2031**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2609	10.7672	2.3849	0.0340	0.8706	0.0117	0.8823	0.2516	0.0112	0.2627	0.0000	3,278.4075	3,278.4075	0.1593	0.0000	3,282.3910
Worker	1.1996	0.5883	8.1147	0.0328	4.8756	0.0216	4.8972	1.2968	0.0199	1.3166	0.0000	2,967.6049	2,967.6049	0.0417	0.0000	2,968.6476
<b>Total</b>	<b>1.4605</b>	<b>11.3555</b>	<b>10.4996</b>	<b>0.0668</b>	<b>5.7462</b>	<b>0.0333</b>	<b>5.7795</b>	<b>1.5483</b>	<b>0.0311</b>	<b>1.5794</b>	<b>0.0000</b>	<b>6,246.0124</b>	<b>6,246.0124</b>	<b>0.2011</b>	<b>0.0000</b>	<b>6,251.0386</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
<b>Total</b>	<b>0.1708</b>	<b>1.0355</b>	<b>2.1085</b>	<b>4.0400e-003</b>		<b>0.0193</b>	<b>0.0193</b>		<b>0.0193</b>	<b>0.0193</b>	<b>0.0000</b>	<b>343.0332</b>	<b>343.0332</b>	<b>0.0138</b>	<b>0.0000</b>	<b>343.3773</b>

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**3.5 Building Construction - 2031**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2609	10.7672	2.3849	0.0340	0.8706	0.0117	0.8823	0.2516	0.0112	0.2627	0.0000	3,278.4075	3,278.4075	0.1593	0.0000	3,282.3910
Worker	1.1996	0.5883	8.1147	0.0328	4.8756	0.0216	4.8972	1.2968	0.0199	1.3166	0.0000	2,967.6049	2,967.6049	0.0417	0.0000	2,968.6476
<b>Total</b>	<b>1.4605</b>	<b>11.3555</b>	<b>10.4996</b>	<b>0.0668</b>	<b>5.7462</b>	<b>0.0333</b>	<b>5.7795</b>	<b>1.5483</b>	<b>0.0311</b>	<b>1.5794</b>	<b>0.0000</b>	<b>6,246.0124</b>	<b>6,246.0124</b>	<b>0.2011</b>	<b>0.0000</b>	<b>6,251.0386</b>

**3.5 Building Construction - 2032**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933
<b>Total</b>	<b>0.1715</b>	<b>1.0394</b>	<b>2.1166</b>	<b>4.0600e-003</b>		<b>0.0194</b>	<b>0.0194</b>		<b>0.0194</b>	<b>0.0194</b>	<b>0.0000</b>	<b>344.3479</b>	<b>344.3479</b>	<b>0.0138</b>	<b>0.0000</b>	<b>344.6933</b>

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**3.5 Building Construction - 2032**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2567	10.6836	2.3496	0.0340	0.8739	0.0113	0.8852	0.2525	0.0108	0.2633	0.0000	3,282.724 2	3,282.724 2	0.1585	0.0000	3,286.687 0
Worker	1.1096	0.5432	7.6571	0.0322	4.8943	0.0202	4.9145	1.3017	0.0186	1.3203	0.0000	2,915.828 5	2,915.828 5	0.0384	0.0000	2,916.787 5
<b>Total</b>	<b>1.3663</b>	<b>11.2269</b>	<b>10.0067</b>	<b>0.0662</b>	<b>5.7682</b>	<b>0.0315</b>	<b>5.7997</b>	<b>1.5542</b>	<b>0.0294</b>	<b>1.5836</b>	<b>0.0000</b>	<b>6,198.552 6</b>	<b>6,198.552 6</b>	<b>0.1969</b>	<b>0.0000</b>	<b>6,203.474 5</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929
<b>Total</b>	<b>0.1715</b>	<b>1.0394</b>	<b>2.1166</b>	<b>4.0600e-003</b>		<b>0.0194</b>	<b>0.0194</b>		<b>0.0194</b>	<b>0.0194</b>	<b>0.0000</b>	<b>344.3475</b>	<b>344.3475</b>	<b>0.0138</b>	<b>0.0000</b>	<b>344.6929</b>



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**3.5 Building Construction - 2032**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.2567	10.6836	2.3496	0.0340	0.8739	0.0113	0.8852	0.2525	0.0108	0.2633	0.0000	3,282.724 2	3,282.724 2	0.1585	0.0000	3,286.687 0
Worker	1.1096	0.5432	7.6571	0.0322	4.8943	0.0202	4.9145	1.3017	0.0186	1.3203	0.0000	2,915.828 5	2,915.828 5	0.0384	0.0000	2,916.787 5
<b>Total</b>	<b>1.3663</b>	<b>11.2269</b>	<b>10.0067</b>	<b>0.0662</b>	<b>5.7682</b>	<b>0.0315</b>	<b>5.7997</b>	<b>1.5542</b>	<b>0.0294</b>	<b>1.5836</b>	<b>0.0000</b>	<b>6,198.552 6</b>	<b>6,198.552 6</b>	<b>0.1969</b>	<b>0.0000</b>	<b>6,203.474 5</b>

**3.5 Building Construction - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0753	0.4562	0.9290	1.7800e-003		8.5200e-003	8.5200e-003		8.5200e-003	8.5200e-003	0.0000	151.1451	151.1451	6.0600e-003	0.0000	151.2967
<b>Total</b>	<b>0.0753</b>	<b>0.4562</b>	<b>0.9290</b>	<b>1.7800e-003</b>		<b>8.5200e-003</b>	<b>8.5200e-003</b>		<b>8.5200e-003</b>	<b>8.5200e-003</b>	<b>0.0000</b>	<b>151.1451</b>	<b>151.1451</b>	<b>6.0600e-003</b>	<b>0.0000</b>	<b>151.2967</b>

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**3.5 Building Construction - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1107	4.6407	1.0148	0.0149	0.3836	4.7700e-003	0.3884	0.1108	4.5600e-003	0.1154	0.0000	1,437.7280	1,437.7280	0.0690	0.0000	1,439.4535
Worker	0.4532	0.2215	3.1803	0.0139	2.1483	8.2600e-003	2.1565	0.5714	7.6000e-003	0.5790	0.0000	1,255.9547	1,255.9547	0.0156	0.0000	1,256.3436
<b>Total</b>	<b>0.5639</b>	<b>4.8621</b>	<b>4.1950</b>	<b>0.0288</b>	<b>2.5318</b>	<b>0.0130</b>	<b>2.5449</b>	<b>0.6822</b>	<b>0.0122</b>	<b>0.6944</b>	<b>0.0000</b>	<b>2,693.6827</b>	<b>2,693.6827</b>	<b>0.0846</b>	<b>0.0000</b>	<b>2,695.7970</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0753	0.4562	0.9290	1.7800e-003		8.5200e-003	8.5200e-003		8.5200e-003	8.5200e-003	0.0000	151.1449	151.1449	6.0600e-003	0.0000	151.2965
<b>Total</b>	<b>0.0753</b>	<b>0.4562</b>	<b>0.9290</b>	<b>1.7800e-003</b>		<b>8.5200e-003</b>	<b>8.5200e-003</b>		<b>8.5200e-003</b>	<b>8.5200e-003</b>	<b>0.0000</b>	<b>151.1449</b>	<b>151.1449</b>	<b>6.0600e-003</b>	<b>0.0000</b>	<b>151.2965</b>

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**3.5 Building Construction - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1107	4.6407	1.0148	0.0149	0.3836	4.7700e-003	0.3884	0.1108	4.5600e-003	0.1154	0.0000	1,437.7280	1,437.7280	0.0690	0.0000	1,439.4535
Worker	0.4532	0.2215	3.1803	0.0139	2.1483	8.2600e-003	2.1565	0.5714	7.6000e-003	0.5790	0.0000	1,255.9547	1,255.9547	0.0156	0.0000	1,256.3436
<b>Total</b>	<b>0.5639</b>	<b>4.8621</b>	<b>4.1950</b>	<b>0.0288</b>	<b>2.5318</b>	<b>0.0130</b>	<b>2.5449</b>	<b>0.6822</b>	<b>0.0122</b>	<b>0.6944</b>	<b>0.0000</b>	<b>2,693.6827</b>	<b>2,693.6827</b>	<b>0.0846</b>	<b>0.0000</b>	<b>2,695.7970</b>

**3.6 Paving - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1004	0.5162	1.1491	2.0300e-003		0.0240	0.0240		0.0240	0.0240	0.0000	174.7215	174.7215	8.1900e-003	0.0000	174.9263
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.1004</b>	<b>0.5162</b>	<b>1.1491</b>	<b>2.0300e-003</b>		<b>0.0240</b>	<b>0.0240</b>		<b>0.0240</b>	<b>0.0240</b>	<b>0.0000</b>	<b>174.7215</b>	<b>174.7215</b>	<b>8.1900e-003</b>	<b>0.0000</b>	<b>174.9263</b>

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**3.6 Paving - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6900e-003	8.2000e-004	0.0118	5.0000e-005	7.9900e-003	3.0000e-005	8.0200e-003	2.1200e-003	3.0000e-005	2.1500e-003	0.0000	4.6695	4.6695	6.0000e-005	0.0000	4.6710
<b>Total</b>	<b>1.6900e-003</b>	<b>8.2000e-004</b>	<b>0.0118</b>	<b>5.0000e-005</b>	<b>7.9900e-003</b>	<b>3.0000e-005</b>	<b>8.0200e-003</b>	<b>2.1200e-003</b>	<b>3.0000e-005</b>	<b>2.1500e-003</b>	<b>0.0000</b>	<b>4.6695</b>	<b>4.6695</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>4.6710</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1004	0.5162	1.1491	2.0300e-003		0.0240	0.0240		0.0240	0.0240	0.0000	174.7213	174.7213	8.1900e-003	0.0000	174.9260
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.1004</b>	<b>0.5162</b>	<b>1.1491</b>	<b>2.0300e-003</b>		<b>0.0240</b>	<b>0.0240</b>		<b>0.0240</b>	<b>0.0240</b>	<b>0.0000</b>	<b>174.7213</b>	<b>174.7213</b>	<b>8.1900e-003</b>	<b>0.0000</b>	<b>174.9260</b>

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**3.6 Paving - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6900e-003	8.2000e-004	0.0118	5.0000e-005	7.9900e-003	3.0000e-005	8.0200e-003	2.1200e-003	3.0000e-005	2.1500e-003	0.0000	4.6695	4.6695	6.0000e-005	0.0000	4.6710
<b>Total</b>	<b>1.6900e-003</b>	<b>8.2000e-004</b>	<b>0.0118</b>	<b>5.0000e-005</b>	<b>7.9900e-003</b>	<b>3.0000e-005</b>	<b>8.0200e-003</b>	<b>2.1200e-003</b>	<b>3.0000e-005</b>	<b>2.1500e-003</b>	<b>0.0000</b>	<b>4.6695</b>	<b>4.6695</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>4.6710</b>

**3.6 Paving - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1281	0.6586	1.4661	2.5900e-003		0.0306	0.0306		0.0306	0.0306	0.0000	222.9205	222.9205	0.0105	0.0000	223.1818
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.1281</b>	<b>0.6586</b>	<b>1.4661</b>	<b>2.5900e-003</b>		<b>0.0306</b>	<b>0.0306</b>		<b>0.0306</b>	<b>0.0306</b>	<b>0.0000</b>	<b>222.9205</b>	<b>222.9205</b>	<b>0.0105</b>	<b>0.0000</b>	<b>223.1818</b>

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**3.6 Paving - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0100e-003	9.8000e-004	0.0143	6.0000e-005	0.0102	4.0000e-005	0.0102	2.7100e-003	3.0000e-005	2.7400e-003	0.0000	5.8598	5.8598	7.0000e-005	0.0000	5.8615
<b>Total</b>	<b>2.0100e-003</b>	<b>9.8000e-004</b>	<b>0.0143</b>	<b>6.0000e-005</b>	<b>0.0102</b>	<b>4.0000e-005</b>	<b>0.0102</b>	<b>2.7100e-003</b>	<b>3.0000e-005</b>	<b>2.7400e-003</b>	<b>0.0000</b>	<b>5.8598</b>	<b>5.8598</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>5.8615</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1281	0.6586	1.4661	2.5900e-003		0.0306	0.0306		0.0306	0.0306	0.0000	222.9203	222.9203	0.0105	0.0000	223.1815
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.1281</b>	<b>0.6586</b>	<b>1.4661</b>	<b>2.5900e-003</b>		<b>0.0306</b>	<b>0.0306</b>		<b>0.0306</b>	<b>0.0306</b>	<b>0.0000</b>	<b>222.9203</b>	<b>222.9203</b>	<b>0.0105</b>	<b>0.0000</b>	<b>223.1815</b>

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**3.6 Paving - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0100e-003	9.8000e-004	0.0143	6.0000e-005	0.0102	4.0000e-005	0.0102	2.7100e-003	3.0000e-005	2.7400e-003	0.0000	5.8598	5.8598	7.0000e-005	0.0000	5.8615
<b>Total</b>	<b>2.0100e-003</b>	<b>9.8000e-004</b>	<b>0.0143</b>	<b>6.0000e-005</b>	<b>0.0102</b>	<b>4.0000e-005</b>	<b>0.0102</b>	<b>2.7100e-003</b>	<b>3.0000e-005</b>	<b>2.7400e-003</b>	<b>0.0000</b>	<b>5.8598</b>	<b>5.8598</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>5.8615</b>

**3.7 Architectural Coating - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.9105					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.4900e-003	0.0435	0.0688	1.1000e-004		1.9600e-003	1.9600e-003		1.9600e-003	1.9600e-003	0.0000	9.7024	9.7024	5.3000e-004	0.0000	9.7156
<b>Total</b>	<b>0.9170</b>	<b>0.0435</b>	<b>0.0688</b>	<b>1.1000e-004</b>		<b>1.9600e-003</b>	<b>1.9600e-003</b>		<b>1.9600e-003</b>	<b>1.9600e-003</b>	<b>0.0000</b>	<b>9.7024</b>	<b>9.7024</b>	<b>5.3000e-004</b>	<b>0.0000</b>	<b>9.7156</b>

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**3.7 Architectural Coating - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1040	0.0581	0.7081	2.3000e-003	0.2838	1.8100e-003	0.2856	0.0755	1.6700e-003	0.0772	0.0000	207.9869	207.9869	4.2000e-003	0.0000	208.0919
<b>Total</b>	<b>0.1040</b>	<b>0.0581</b>	<b>0.7081</b>	<b>2.3000e-003</b>	<b>0.2838</b>	<b>1.8100e-003</b>	<b>0.2856</b>	<b>0.0755</b>	<b>1.6700e-003</b>	<b>0.0772</b>	<b>0.0000</b>	<b>207.9869</b>	<b>207.9869</b>	<b>4.2000e-003</b>	<b>0.0000</b>	<b>208.0919</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.9105					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.4900e-003	0.0435	0.0688	1.1000e-004		1.9600e-003	1.9600e-003		1.9600e-003	1.9600e-003	0.0000	9.7024	9.7024	5.3000e-004	0.0000	9.7156
<b>Total</b>	<b>0.9170</b>	<b>0.0435</b>	<b>0.0688</b>	<b>1.1000e-004</b>		<b>1.9600e-003</b>	<b>1.9600e-003</b>		<b>1.9600e-003</b>	<b>1.9600e-003</b>	<b>0.0000</b>	<b>9.7024</b>	<b>9.7024</b>	<b>5.3000e-004</b>	<b>0.0000</b>	<b>9.7156</b>



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**3.7 Architectural Coating - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1040	0.0581	0.7081	2.3000e-003	0.2838	1.8100e-003	0.2856	0.0755	1.6700e-003	0.0772	0.0000	207.9869	207.9869	4.2000e-003	0.0000	208.0919
<b>Total</b>	<b>0.1040</b>	<b>0.0581</b>	<b>0.7081</b>	<b>2.3000e-003</b>	<b>0.2838</b>	<b>1.8100e-003</b>	<b>0.2856</b>	<b>0.0755</b>	<b>1.6700e-003</b>	<b>0.0772</b>	<b>0.0000</b>	<b>207.9869</b>	<b>207.9869</b>	<b>4.2000e-003</b>	<b>0.0000</b>	<b>208.0919</b>

**3.7 Architectural Coating - 2026**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.1269					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
<b>Total</b>	<b>3.1492</b>	<b>0.1495</b>	<b>0.2361</b>	<b>3.9000e-004</b>		<b>6.7200e-003</b>	<b>6.7200e-003</b>		<b>6.7200e-003</b>	<b>6.7200e-003</b>	<b>0.0000</b>	<b>33.3200</b>	<b>33.3200</b>	<b>1.8200e-003</b>	<b>0.0000</b>	<b>33.3654</b>

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**3.7 Architectural Coating - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3384	0.1822	2.2633	7.6000e-003	0.9747	6.0300e-003	0.9808	0.2593	5.5500e-003	0.2648	0.0000	687.7329	687.7329	0.0131	0.0000	688.0612
<b>Total</b>	<b>0.3384</b>	<b>0.1822</b>	<b>2.2633</b>	<b>7.6000e-003</b>	<b>0.9747</b>	<b>6.0300e-003</b>	<b>0.9808</b>	<b>0.2593</b>	<b>5.5500e-003</b>	<b>0.2648</b>	<b>0.0000</b>	<b>687.7329</b>	<b>687.7329</b>	<b>0.0131</b>	<b>0.0000</b>	<b>688.0612</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.1269					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
<b>Total</b>	<b>3.1492</b>	<b>0.1495</b>	<b>0.2361</b>	<b>3.9000e-004</b>		<b>6.7200e-003</b>	<b>6.7200e-003</b>		<b>6.7200e-003</b>	<b>6.7200e-003</b>	<b>0.0000</b>	<b>33.3199</b>	<b>33.3199</b>	<b>1.8200e-003</b>	<b>0.0000</b>	<b>33.3654</b>

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**3.7 Architectural Coating - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3384	0.1822	2.2633	7.6000e-003	0.9747	6.0300e-003	0.9808	0.2593	5.5500e-003	0.2648	0.0000	687.7329	687.7329	0.0131	0.0000	688.0612
<b>Total</b>	<b>0.3384</b>	<b>0.1822</b>	<b>2.2633</b>	<b>7.6000e-003</b>	<b>0.9747</b>	<b>6.0300e-003</b>	<b>0.9808</b>	<b>0.2593</b>	<b>5.5500e-003</b>	<b>0.2648</b>	<b>0.0000</b>	<b>687.7329</b>	<b>687.7329</b>	<b>0.0131</b>	<b>0.0000</b>	<b>688.0612</b>

**3.7 Architectural Coating - 2027**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.1269					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
<b>Total</b>	<b>3.1492</b>	<b>0.1495</b>	<b>0.2361</b>	<b>3.9000e-004</b>		<b>6.7200e-003</b>	<b>6.7200e-003</b>		<b>6.7200e-003</b>	<b>6.7200e-003</b>	<b>0.0000</b>	<b>33.3200</b>	<b>33.3200</b>	<b>1.8200e-003</b>	<b>0.0000</b>	<b>33.3654</b>

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**3.7 Architectural Coating - 2027**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3202	0.1667	2.1113	7.3400e-003	0.9747	5.7400e-003	0.9805	0.2593	5.2800e-003	0.2645	0.0000	663.9763	663.9763	0.0120	0.0000	664.2754
<b>Total</b>	<b>0.3202</b>	<b>0.1667</b>	<b>2.1113</b>	<b>7.3400e-003</b>	<b>0.9747</b>	<b>5.7400e-003</b>	<b>0.9805</b>	<b>0.2593</b>	<b>5.2800e-003</b>	<b>0.2645</b>	<b>0.0000</b>	<b>663.9763</b>	<b>663.9763</b>	<b>0.0120</b>	<b>0.0000</b>	<b>664.2754</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.1269					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
<b>Total</b>	<b>3.1492</b>	<b>0.1495</b>	<b>0.2361</b>	<b>3.9000e-004</b>		<b>6.7200e-003</b>	<b>6.7200e-003</b>		<b>6.7200e-003</b>	<b>6.7200e-003</b>	<b>0.0000</b>	<b>33.3199</b>	<b>33.3199</b>	<b>1.8200e-003</b>	<b>0.0000</b>	<b>33.3654</b>

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**3.7 Architectural Coating - 2027**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3202	0.1667	2.1113	7.3400e-003	0.9747	5.7400e-003	0.9805	0.2593	5.2800e-003	0.2645	0.0000	663.9763	663.9763	0.0120	0.0000	664.2754
<b>Total</b>	<b>0.3202</b>	<b>0.1667</b>	<b>2.1113</b>	<b>7.3400e-003</b>	<b>0.9747</b>	<b>5.7400e-003</b>	<b>0.9805</b>	<b>0.2593</b>	<b>5.2800e-003</b>	<b>0.2645</b>	<b>0.0000</b>	<b>663.9763</b>	<b>663.9763</b>	<b>0.0120</b>	<b>0.0000</b>	<b>664.2754</b>

**3.7 Architectural Coating - 2028**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.1149					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0222	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2376
<b>Total</b>	<b>3.1371</b>	<b>0.1489</b>	<b>0.2352</b>	<b>3.9000e-004</b>		<b>6.7000e-003</b>	<b>6.7000e-003</b>		<b>6.7000e-003</b>	<b>6.7000e-003</b>	<b>0.0000</b>	<b>33.1923</b>	<b>33.1923</b>	<b>1.8100e-003</b>	<b>0.0000</b>	<b>33.2376</b>

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**3.7 Architectural Coating - 2028**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3002	0.1524	1.9697	7.0800e-003	0.9710	5.3300e-003	0.9763	0.2583	4.9100e-003	0.2632	0.0000	640.4242	640.4242	0.0109	0.0000	640.6970
<b>Total</b>	<b>0.3002</b>	<b>0.1524</b>	<b>1.9697</b>	<b>7.0800e-003</b>	<b>0.9710</b>	<b>5.3300e-003</b>	<b>0.9763</b>	<b>0.2583</b>	<b>4.9100e-003</b>	<b>0.2632</b>	<b>0.0000</b>	<b>640.4242</b>	<b>640.4242</b>	<b>0.0109</b>	<b>0.0000</b>	<b>640.6970</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.1149					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0222	0.1489	0.2352	3.9000e-004		6.7000e-003	6.7000e-003		6.7000e-003	6.7000e-003	0.0000	33.1923	33.1923	1.8100e-003	0.0000	33.2375
<b>Total</b>	<b>3.1371</b>	<b>0.1489</b>	<b>0.2352</b>	<b>3.9000e-004</b>		<b>6.7000e-003</b>	<b>6.7000e-003</b>		<b>6.7000e-003</b>	<b>6.7000e-003</b>	<b>0.0000</b>	<b>33.1923</b>	<b>33.1923</b>	<b>1.8100e-003</b>	<b>0.0000</b>	<b>33.2375</b>

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**3.7 Architectural Coating - 2028**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.3002	0.1524	1.9697	7.0800e-003	0.9710	5.3300e-003	0.9763	0.2583	4.9100e-003	0.2632	0.0000	640.4242	640.4242	0.0109	0.0000	640.6970
<b>Total</b>	<b>0.3002</b>	<b>0.1524</b>	<b>1.9697</b>	<b>7.0800e-003</b>	<b>0.9710</b>	<b>5.3300e-003</b>	<b>0.9763</b>	<b>0.2583</b>	<b>4.9100e-003</b>	<b>0.2632</b>	<b>0.0000</b>	<b>640.4242</b>	<b>640.4242</b>	<b>0.0109</b>	<b>0.0000</b>	<b>640.6970</b>

**3.7 Architectural Coating - 2029**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.1269					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
<b>Total</b>	<b>3.1492</b>	<b>0.1495</b>	<b>0.2361</b>	<b>3.9000e-004</b>		<b>6.7200e-003</b>	<b>6.7200e-003</b>		<b>6.7200e-003</b>	<b>6.7200e-003</b>	<b>0.0000</b>	<b>33.3200</b>	<b>33.3200</b>	<b>1.8200e-003</b>	<b>0.0000</b>	<b>33.3654</b>

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**3.7 Architectural Coating - 2029**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2808	0.1401	1.8486	6.9000e-003	0.9747	4.9900e-003	0.9797	0.2593	4.5900e-003	0.2638	0.0000	624.1968	624.1968	0.0100	0.0000	624.4467
<b>Total</b>	<b>0.2808</b>	<b>0.1401</b>	<b>1.8486</b>	<b>6.9000e-003</b>	<b>0.9747</b>	<b>4.9900e-003</b>	<b>0.9797</b>	<b>0.2593</b>	<b>4.5900e-003</b>	<b>0.2638</b>	<b>0.0000</b>	<b>624.1968</b>	<b>624.1968</b>	<b>0.0100</b>	<b>0.0000</b>	<b>624.4467</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.1269					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
<b>Total</b>	<b>3.1492</b>	<b>0.1495</b>	<b>0.2361</b>	<b>3.9000e-004</b>		<b>6.7200e-003</b>	<b>6.7200e-003</b>		<b>6.7200e-003</b>	<b>6.7200e-003</b>	<b>0.0000</b>	<b>33.3199</b>	<b>33.3199</b>	<b>1.8200e-003</b>	<b>0.0000</b>	<b>33.3654</b>



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**3.7 Architectural Coating - 2029**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2808	0.1401	1.8486	6.9000e-003	0.9747	4.9900e-003	0.9797	0.2593	4.5900e-003	0.2638	0.0000	624.1968	624.1968	0.0100	0.0000	624.4467
<b>Total</b>	<b>0.2808</b>	<b>0.1401</b>	<b>1.8486</b>	<b>6.9000e-003</b>	<b>0.9747</b>	<b>4.9900e-003</b>	<b>0.9797</b>	<b>0.2593</b>	<b>4.5900e-003</b>	<b>0.2638</b>	<b>0.0000</b>	<b>624.1968</b>	<b>624.1968</b>	<b>0.0100</b>	<b>0.0000</b>	<b>624.4467</b>

**3.7 Architectural Coating - 2030**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.1269					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3537
<b>Total</b>	<b>3.1440</b>	<b>0.1117</b>	<b>0.2346</b>	<b>3.9000e-004</b>		<b>2.6500e-003</b>	<b>2.6500e-003</b>		<b>2.6500e-003</b>	<b>2.6500e-003</b>	<b>0.0000</b>	<b>33.3200</b>	<b>33.3200</b>	<b>1.3500e-003</b>	<b>0.0000</b>	<b>33.3537</b>

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**3.7 Architectural Coating - 2030**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2609	0.1285	1.7328	6.7100e-003	0.9747	4.6500e-003	0.9794	0.2593	4.2700e-003	0.2635	0.0000	607.7316	607.7316	9.1400e-003	0.0000	607.9601
<b>Total</b>	<b>0.2609</b>	<b>0.1285</b>	<b>1.7328</b>	<b>6.7100e-003</b>	<b>0.9747</b>	<b>4.6500e-003</b>	<b>0.9794</b>	<b>0.2593</b>	<b>4.2700e-003</b>	<b>0.2635</b>	<b>0.0000</b>	<b>607.7316</b>	<b>607.7316</b>	<b>9.1400e-003</b>	<b>0.0000</b>	<b>607.9601</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.1269					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3536
<b>Total</b>	<b>3.1440</b>	<b>0.1117</b>	<b>0.2346</b>	<b>3.9000e-004</b>		<b>2.6500e-003</b>	<b>2.6500e-003</b>		<b>2.6500e-003</b>	<b>2.6500e-003</b>	<b>0.0000</b>	<b>33.3199</b>	<b>33.3199</b>	<b>1.3500e-003</b>	<b>0.0000</b>	<b>33.3536</b>

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**3.7 Architectural Coating - 2030**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2609	0.1285	1.7328	6.7100e-003	0.9747	4.6500e-003	0.9794	0.2593	4.2700e-003	0.2635	0.0000	607.7316	607.7316	9.1400e-003	0.0000	607.9601
<b>Total</b>	<b>0.2609</b>	<b>0.1285</b>	<b>1.7328</b>	<b>6.7100e-003</b>	<b>0.9747</b>	<b>4.6500e-003</b>	<b>0.9794</b>	<b>0.2593</b>	<b>4.2700e-003</b>	<b>0.2635</b>	<b>0.0000</b>	<b>607.7316</b>	<b>607.7316</b>	<b>9.1400e-003</b>	<b>0.0000</b>	<b>607.9601</b>

**3.7 Architectural Coating - 2031**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.1269					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3200	33.3200	1.3500e-003	0.0000	33.3537
<b>Total</b>	<b>3.1440</b>	<b>0.1117</b>	<b>0.2346</b>	<b>3.9000e-004</b>		<b>2.6500e-003</b>	<b>2.6500e-003</b>		<b>2.6500e-003</b>	<b>2.6500e-003</b>	<b>0.0000</b>	<b>33.3200</b>	<b>33.3200</b>	<b>1.3500e-003</b>	<b>0.0000</b>	<b>33.3537</b>

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**3.7 Architectural Coating - 2031**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2398	0.1176	1.6223	6.5500e-003	0.9747	4.3200e-003	0.9791	0.2593	3.9700e-003	0.2632	0.0000	593.2876	593.2876	8.3400e-003	0.0000	593.4961
<b>Total</b>	<b>0.2398</b>	<b>0.1176</b>	<b>1.6223</b>	<b>6.5500e-003</b>	<b>0.9747</b>	<b>4.3200e-003</b>	<b>0.9791</b>	<b>0.2593</b>	<b>3.9700e-003</b>	<b>0.2632</b>	<b>0.0000</b>	<b>593.2876</b>	<b>593.2876</b>	<b>8.3400e-003</b>	<b>0.0000</b>	<b>593.4961</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.1269					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1117	0.2346	3.9000e-004		2.6500e-003	2.6500e-003		2.6500e-003	2.6500e-003	0.0000	33.3199	33.3199	1.3500e-003	0.0000	33.3536
<b>Total</b>	<b>3.1440</b>	<b>0.1117</b>	<b>0.2346</b>	<b>3.9000e-004</b>		<b>2.6500e-003</b>	<b>2.6500e-003</b>		<b>2.6500e-003</b>	<b>2.6500e-003</b>	<b>0.0000</b>	<b>33.3199</b>	<b>33.3199</b>	<b>1.3500e-003</b>	<b>0.0000</b>	<b>33.3536</b>

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**3.7 Architectural Coating - 2031**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2398	0.1176	1.6223	6.5500e-003	0.9747	4.3200e-003	0.9791	0.2593	3.9700e-003	0.2632	0.0000	593.2876	593.2876	8.3400e-003	0.0000	593.4961
<b>Total</b>	<b>0.2398</b>	<b>0.1176</b>	<b>1.6223</b>	<b>6.5500e-003</b>	<b>0.9747</b>	<b>4.3200e-003</b>	<b>0.9791</b>	<b>0.2593</b>	<b>3.9700e-003</b>	<b>0.2632</b>	<b>0.0000</b>	<b>593.2876</b>	<b>593.2876</b>	<b>8.3400e-003</b>	<b>0.0000</b>	<b>593.4961</b>

**3.7 Architectural Coating - 2032**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.1389					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4815
<b>Total</b>	<b>3.1560</b>	<b>0.1122</b>	<b>0.2355</b>	<b>3.9000e-004</b>		<b>2.6600e-003</b>	<b>2.6600e-003</b>		<b>2.6600e-003</b>	<b>2.6600e-003</b>	<b>0.0000</b>	<b>33.4476</b>	<b>33.4476</b>	<b>1.3500e-003</b>	<b>0.0000</b>	<b>33.4815</b>

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**3.7 Architectural Coating - 2032**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2218	0.1086	1.5308	6.4400e-003	0.9785	4.0300e-003	0.9825	0.2602	3.7100e-003	0.2640	0.0000	582.9364	582.9364	7.6700e-003	0.0000	583.1282
<b>Total</b>	<b>0.2218</b>	<b>0.1086</b>	<b>1.5308</b>	<b>6.4400e-003</b>	<b>0.9785</b>	<b>4.0300e-003</b>	<b>0.9825</b>	<b>0.2602</b>	<b>3.7100e-003</b>	<b>0.2640</b>	<b>0.0000</b>	<b>582.9364</b>	<b>582.9364</b>	<b>7.6700e-003</b>	<b>0.0000</b>	<b>583.1282</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.1389					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0171	0.1122	0.2355	3.9000e-004		2.6600e-003	2.6600e-003		2.6600e-003	2.6600e-003	0.0000	33.4476	33.4476	1.3500e-003	0.0000	33.4814
<b>Total</b>	<b>3.1560</b>	<b>0.1122</b>	<b>0.2355</b>	<b>3.9000e-004</b>		<b>2.6600e-003</b>	<b>2.6600e-003</b>		<b>2.6600e-003</b>	<b>2.6600e-003</b>	<b>0.0000</b>	<b>33.4476</b>	<b>33.4476</b>	<b>1.3500e-003</b>	<b>0.0000</b>	<b>33.4814</b>

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**3.7 Architectural Coating - 2032**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2218	0.1086	1.5308	6.4400e-003	0.9785	4.0300e-003	0.9825	0.2602	3.7100e-003	0.2640	0.0000	582.9364	582.9364	7.6700e-003	0.0000	583.1282
<b>Total</b>	<b>0.2218</b>	<b>0.1086</b>	<b>1.5308</b>	<b>6.4400e-003</b>	<b>0.9785</b>	<b>4.0300e-003</b>	<b>0.9825</b>	<b>0.2602</b>	<b>3.7100e-003</b>	<b>0.2640</b>	<b>0.0000</b>	<b>582.9364</b>	<b>582.9364</b>	<b>7.6700e-003</b>	<b>0.0000</b>	<b>583.1282</b>

**3.7 Architectural Coating - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.1149					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259
<b>Total</b>	<b>3.1319</b>	<b>0.1113</b>	<b>0.2337</b>	<b>3.9000e-004</b>		<b>2.6400e-003</b>	<b>2.6400e-003</b>		<b>2.6400e-003</b>	<b>2.6400e-003</b>	<b>0.0000</b>	<b>33.1923</b>	<b>33.1923</b>	<b>1.3400e-003</b>	<b>0.0000</b>	<b>33.2259</b>

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**3.7 Architectural Coating - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2049	0.1001	1.4375	6.2700e-003	0.9710	3.7300e-003	0.9747	0.2583	3.4400e-003	0.2617	0.0000	567.6867	567.6867	7.0300e-003	0.0000	567.8624
<b>Total</b>	<b>0.2049</b>	<b>0.1001</b>	<b>1.4375</b>	<b>6.2700e-003</b>	<b>0.9710</b>	<b>3.7300e-003</b>	<b>0.9747</b>	<b>0.2583</b>	<b>3.4400e-003</b>	<b>0.2617</b>	<b>0.0000</b>	<b>567.6867</b>	<b>567.6867</b>	<b>7.0300e-003</b>	<b>0.0000</b>	<b>567.8624</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.1149					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258
<b>Total</b>	<b>3.1319</b>	<b>0.1113</b>	<b>0.2337</b>	<b>3.9000e-004</b>		<b>2.6400e-003</b>	<b>2.6400e-003</b>		<b>2.6400e-003</b>	<b>2.6400e-003</b>	<b>0.0000</b>	<b>33.1923</b>	<b>33.1923</b>	<b>1.3400e-003</b>	<b>0.0000</b>	<b>33.2258</b>



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**3.7 Architectural Coating - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2049	0.1001	1.4375	6.2700e-003	0.9710	3.7300e-003	0.9747	0.2583	3.4400e-003	0.2617	0.0000	567.6867	567.6867	7.0300e-003	0.0000	567.8624
<b>Total</b>	<b>0.2049</b>	<b>0.1001</b>	<b>1.4375</b>	<b>6.2700e-003</b>	<b>0.9710</b>	<b>3.7300e-003</b>	<b>0.9747</b>	<b>0.2583</b>	<b>3.4400e-003</b>	<b>0.2617</b>	<b>0.0000</b>	<b>567.6867</b>	<b>567.6867</b>	<b>7.0300e-003</b>	<b>0.0000</b>	<b>567.8624</b>

**3.7 Architectural Coating - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.1149					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2259
<b>Total</b>	<b>3.1319</b>	<b>0.1113</b>	<b>0.2337</b>	<b>3.9000e-004</b>		<b>2.6400e-003</b>	<b>2.6400e-003</b>		<b>2.6400e-003</b>	<b>2.6400e-003</b>	<b>0.0000</b>	<b>33.1923</b>	<b>33.1923</b>	<b>1.3400e-003</b>	<b>0.0000</b>	<b>33.2259</b>

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**3.7 Architectural Coating - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1914	0.0935	1.3602	6.1600e-003	0.9710	3.4800e-003	0.9745	0.2583	3.2000e-003	0.2615	0.0000	558.3566	558.3566	6.4900e-003	0.0000	558.5189
<b>Total</b>	<b>0.1914</b>	<b>0.0935</b>	<b>1.3602</b>	<b>6.1600e-003</b>	<b>0.9710</b>	<b>3.4800e-003</b>	<b>0.9745</b>	<b>0.2583</b>	<b>3.2000e-003</b>	<b>0.2615</b>	<b>0.0000</b>	<b>558.3566</b>	<b>558.3566</b>	<b>6.4900e-003</b>	<b>0.0000</b>	<b>558.5189</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.1149					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0170	0.1113	0.2337	3.9000e-004		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	33.1923	33.1923	1.3400e-003	0.0000	33.2258
<b>Total</b>	<b>3.1319</b>	<b>0.1113</b>	<b>0.2337</b>	<b>3.9000e-004</b>		<b>2.6400e-003</b>	<b>2.6400e-003</b>		<b>2.6400e-003</b>	<b>2.6400e-003</b>	<b>0.0000</b>	<b>33.1923</b>	<b>33.1923</b>	<b>1.3400e-003</b>	<b>0.0000</b>	<b>33.2258</b>

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**3.7 Architectural Coating - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1914	0.0935	1.3602	6.1600e-003	0.9710	3.4800e-003	0.9745	0.2583	3.2000e-003	0.2615	0.0000	558.3566	558.3566	6.4900e-003	0.0000	558.5189
<b>Total</b>	<b>0.1914</b>	<b>0.0935</b>	<b>1.3602</b>	<b>6.1600e-003</b>	<b>0.9710</b>	<b>3.4800e-003</b>	<b>0.9745</b>	<b>0.2583</b>	<b>3.2000e-003</b>	<b>0.2615</b>	<b>0.0000</b>	<b>558.3566</b>	<b>558.3566</b>	<b>6.4900e-003</b>	<b>0.0000</b>	<b>558.5189</b>

**3.7 Architectural Coating - 2035**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.0550					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0150	0.0966	0.2288	3.8000e-004		1.2600e-003	1.2600e-003		1.2600e-003	1.2600e-003	0.0000	32.5540	32.5540	1.2000e-003	0.0000	32.5841
<b>Total</b>	<b>3.0700</b>	<b>0.0966</b>	<b>0.2288</b>	<b>3.8000e-004</b>		<b>1.2600e-003</b>	<b>1.2600e-003</b>		<b>1.2600e-003</b>	<b>1.2600e-003</b>	<b>0.0000</b>	<b>32.5540</b>	<b>32.5540</b>	<b>1.2000e-003</b>	<b>0.0000</b>	<b>32.5841</b>

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**3.7 Architectural Coating - 2035**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1763	0.0867	1.2693	5.9600e-003	0.9523	3.2000e-003	0.9555	0.2533	2.9400e-003	0.2562	0.0000	539.8374	539.8374	5.9200e-003	0.0000	539.9853
<b>Total</b>	<b>0.1763</b>	<b>0.0867</b>	<b>1.2693</b>	<b>5.9600e-003</b>	<b>0.9523</b>	<b>3.2000e-003</b>	<b>0.9555</b>	<b>0.2533</b>	<b>2.9400e-003</b>	<b>0.2562</b>	<b>0.0000</b>	<b>539.8374</b>	<b>539.8374</b>	<b>5.9200e-003</b>	<b>0.0000</b>	<b>539.9853</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.0550					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0150	0.0966	0.2288	3.8000e-004		1.2600e-003	1.2600e-003		1.2600e-003	1.2600e-003	0.0000	32.5540	32.5540	1.2000e-003	0.0000	32.5840
<b>Total</b>	<b>3.0700</b>	<b>0.0966</b>	<b>0.2288</b>	<b>3.8000e-004</b>		<b>1.2600e-003</b>	<b>1.2600e-003</b>		<b>1.2600e-003</b>	<b>1.2600e-003</b>	<b>0.0000</b>	<b>32.5540</b>	<b>32.5540</b>	<b>1.2000e-003</b>	<b>0.0000</b>	<b>32.5840</b>

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**3.7 Architectural Coating - 2035**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1763	0.0867	1.2693	5.9600e-003	0.9523	3.2000e-003	0.9555	0.2533	2.9400e-003	0.2562	0.0000	539.8374	539.8374	5.9200e-003	0.0000	539.9853
<b>Total</b>	<b>0.1763</b>	<b>0.0867</b>	<b>1.2693</b>	<b>5.9600e-003</b>	<b>0.9523</b>	<b>3.2000e-003</b>	<b>0.9555</b>	<b>0.2533</b>	<b>2.9400e-003</b>	<b>0.2562</b>	<b>0.0000</b>	<b>539.8374</b>	<b>539.8374</b>	<b>5.9200e-003</b>	<b>0.0000</b>	<b>539.9853</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Integrate Below Market Rate Housing

Improve Pedestrian Network

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	5.4606	28.6277	52.8659	0.2331	26.3106	0.1243	26.4349	7.0445	0.1154	7.1599	0.0000	21,590.39 95	21,590.39 95	0.8629	0.0000	21,611.97 28
Unmitigated	5.5148	28.8928	54.1202	0.2399	27.1736	0.1274	27.3011	7.2756	0.1184	7.3940	0.0000	22,222.07 74	22,222.07 74	0.8816	0.0000	22,244.11 80

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	10,972.35	11,921.40	10106.55	13,336,461	12,912,895
Apartments Mid Rise	20,515.25	19,713.15	18078.10	41,094,756	39,789,586
City Park	150.26	1,808.63	1330.83	1,052,265	1,018,845
Condo/Townhouse	871.50	850.50	726.00	2,175,327	2,106,239
Racquet Club	883.89	1,345.05	1096.20	1,294,152	1,253,049
Regional Shopping Center	10,419.65	12,193.68	6159.06	14,063,079	13,616,436
Total	43,812.90	47,832.40	37,496.74	73,016,039	70,697,050

4.3 Trip Type Information

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	1.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Apartments Mid Rise	6.56	5.00	6.50	46.50	12.50	41.00	86	11	3
City Park	10.55	5.00	6.50	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Racquet Club	10.00	5.00	6.50	11.50	69.50	19.00	52	39	9
Regional Shopping Center	10.00	5.00	6.50	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Apartments Mid Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
City Park	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Condo/Townhouse	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Racquet Club	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Regional Shopping Center	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Electricity Mitigated							0.0000	0.0000		0.0000	0.0000	0.0000	1,564.5164	1,564.5164	0.3154	0.0653	1,591.8478
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	0.0000	1,564.5164	1,564.5164	0.3154	0.0653	1,591.8478
NaturalGas Mitigated	0.3008	2.5809	1.1709	0.0164			0.2078	0.2078		0.2078	0.2078	0.0000	2,976.7201	2,976.7201	0.0571	0.0546	2,994.4093
NaturalGas Unmitigated	0.3008	2.5809	1.1709	0.0164			0.2078	0.2078		0.2078	0.2078	0.0000	2,976.7201	2,976.7201	0.0571	0.0546	2,994.4093



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.90474e+007	0.1027	0.8777	0.3735	5.6000e-003		0.0710	0.0710		0.0710	0.0710	0.0000	1,016.4436	1,016.4436	0.0195	0.0186	1,022.4838
Apartments Mid Rise	3.00729e+007	0.1622	1.3857	0.5897	8.8400e-003		0.1120	0.1120		0.1120	0.1120	0.0000	1,604.8039	1,604.8039	0.0308	0.0294	1,614.3404
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	3.08269e+006	0.0166	0.1421	0.0604	9.1000e-004		0.0115	0.0115		0.0115	0.0115	0.0000	164.5039	164.5039	3.1500e-003	3.0200e-003	165.4815
Racquet Club	2.25603e+006	0.0122	0.1106	0.0929	6.6000e-004		8.4000e-003	8.4000e-003		8.4000e-003	8.4000e-003	0.0000	120.3904	120.3904	2.3100e-003	2.2100e-003	121.1058
Regional Shopping Center	1.32259e+006	7.1300e-003	0.0648	0.0545	3.9000e-004		4.9300e-003	4.9300e-003		4.9300e-003	4.9300e-003	0.0000	70.5784	70.5784	1.3500e-003	1.2900e-003	70.9978
<b>Total</b>		<b>0.3008</b>	<b>2.5809</b>	<b>1.1709</b>	<b>0.0164</b>		<b>0.2078</b>	<b>0.2078</b>		<b>0.2078</b>	<b>0.2078</b>	<b>0.0000</b>	<b>2,976.7201</b>	<b>2,976.7201</b>	<b>0.0571</b>	<b>0.0546</b>	<b>2,994.4093</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Low Rise	1.90474e+007	0.1027	0.8777	0.3735	5.6000e-003		0.0710	0.0710		0.0710	0.0710	0.0000	1,016.4436	1,016.4436	0.0195	0.0186	1,022.4838
Apartments Mid Rise	3.00729e+007	0.1622	1.3857	0.5897	8.8400e-003		0.1120	0.1120		0.1120	0.1120	0.0000	1,604.8039	1,604.8039	0.0308	0.0294	1,614.3404
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	3.08269e+006	0.0166	0.1421	0.0604	9.1000e-004		0.0115	0.0115		0.0115	0.0115	0.0000	164.5039	164.5039	3.1500e-003	3.0200e-003	165.4815
Racquet Club	2.25603e+006	0.0122	0.1106	0.0929	6.6000e-004		8.4000e-003	8.4000e-003		8.4000e-003	8.4000e-003	0.0000	120.3904	120.3904	2.3100e-003	2.2100e-003	121.1058
Regional Shopping Center	1.32259e+006	7.1300e-003	0.0648	0.0545	3.9000e-004		4.9300e-003	4.9300e-003		4.9300e-003	4.9300e-003	0.0000	70.5784	70.5784	1.3500e-003	1.2900e-003	70.9978
<b>Total</b>		<b>0.3008</b>	<b>2.5809</b>	<b>1.1709</b>	<b>0.0164</b>		<b>0.2078</b>	<b>0.2078</b>		<b>0.2078</b>	<b>0.2078</b>	<b>0.0000</b>	<b>2,976.7201</b>	<b>2,976.7201</b>	<b>0.0571</b>	<b>0.0546</b>	<b>2,994.4093</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	7.03183e+006	458.8216	0.0925	0.0191	466.8370
Apartments Mid Rise	1.27045e+007	828.9568	0.1671	0.0346	843.4383
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	759482	49.5556	9.9900e-003	2.0700e-003	50.4213
Racquet Club	892710	58.2487	0.0117	2.4300e-003	59.2663
Regional Shopping Center	2.58905e+006	168.9338	0.0341	7.0500e-003	171.8850
<b>Total</b>		<b>1,564.5164</b>	<b>0.3154</b>	<b>0.0653</b>	<b>1,591.8478</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**5.3 Energy by Land Use - Electricity**

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	7.03183e+006	458.8216	0.0925	0.0191	466.8370
Apartments Mid Rise	1.27045e+007	828.9568	0.1671	0.0346	843.4383
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	759482	49.5556	9.9900e-003	2.0700e-003	50.4213
Racquet Club	892710	58.2487	0.0117	2.4300e-003	59.2663
Regional Shopping Center	2.58905e+006	168.9338	0.0341	7.0500e-003	171.8850
<b>Total</b>		<b>1,564.5164</b>	<b>0.3154</b>	<b>0.0653</b>	<b>1,591.8478</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	25.0830	0.5810	50.3593	2.6700e-003		0.2802	0.2802		0.2802	0.2802	0.0000	82.5528	82.5528	0.0786	0.0000	84.5178
Unmitigated	25.0830	0.5810	50.3593	2.6700e-003		0.2802	0.2802		0.2802	0.2802	0.0000	82.5528	82.5528	0.0786	0.0000	84.5178

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.2084					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	20.3686					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5060	0.5810	50.3593	2.6700e-003		0.2802	0.2802		0.2802	0.2802	0.0000	82.5528	82.5528	0.0786	0.0000	84.5178
<b>Total</b>	<b>25.0830</b>	<b>0.5810</b>	<b>50.3593</b>	<b>2.6700e-003</b>		<b>0.2802</b>	<b>0.2802</b>		<b>0.2802</b>	<b>0.2802</b>	<b>0.0000</b>	<b>82.5528</b>	<b>82.5528</b>	<b>0.0786</b>	<b>0.0000</b>	<b>84.5178</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.2084					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	20.3686					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.5060	0.5810	50.3593	2.6700e-003		0.2802	0.2802		0.2802	0.2802	0.0000	82.5528	82.5528	0.0786	0.0000	84.5178
<b>Total</b>	<b>25.0830</b>	<b>0.5810</b>	<b>50.3593</b>	<b>2.6700e-003</b>		<b>0.2802</b>	<b>0.2802</b>		<b>0.2802</b>	<b>0.2802</b>	<b>0.0000</b>	<b>82.5528</b>	<b>82.5528</b>	<b>0.0786</b>	<b>0.0000</b>	<b>84.5178</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	302.1951	0.4519	0.2700	393.9473
Unmitigated	302.1951	0.4519	0.2700	393.9473

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	108.481 / 68.3905	89.2679	0.1424	0.0856	118.3323
Apartments Mid Rise	201 / 126.717	165.4003	0.2638	0.1586	219.2524
City Park	0 / 94.7228	21.6321	4.3600e-003	9.0000e-004	22.0100
Condo/Townhouse	9.7731 / 6.1613	8.0422	0.0128	7.7100e-003	10.6606
Racquet Club	3.72602 / 2.28369	3.0512	4.8900e-003	2.9400e-003	4.0492
Regional Shopping Center	18.0752 / 11.0783	14.8015	0.0237	0.0143	19.6429
<b>Total</b>		<b>302.1951</b>	<b>0.4519</b>	<b>0.2700</b>	<b>393.9473</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	108.481 / 68.3905	89.2679	0.1424	0.0856	118.3323
Apartments Mid Rise	201 / 126.717	165.4003	0.2638	0.1586	219.2524
City Park	0 / 94.7228	21.6321	4.3600e-003	9.0000e-004	22.0100
Condo/Townhouse	9.7731 / 6.1613	8.0422	0.0128	7.7100e-003	10.6606
Racquet Club	3.72602 / 2.28369	3.0512	4.8900e-003	2.9400e-003	4.0492
Regional Shopping Center	18.0752 / 11.0783	14.8015	0.0237	0.0143	19.6429
<b>Total</b>		<b>302.1951</b>	<b>0.4519</b>	<b>0.2700</b>	<b>393.9473</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	583.8345	34.5036	0.0000	1,446.425 2
Unmitigated	583.8345	34.5036	0.0000	1,446.425 2

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**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	765.9	155.4708	9.1881	0.0000	385.1723
Apartments Mid Rise	1419.1	288.0645	17.0241	0.0000	713.6675
City Park	6.84	1.3885	0.0821	0.0000	3.4399
Condo/Townhouse	69	14.0064	0.8278	0.0000	34.7002
Racquet Club	359.1	72.8941	4.3079	0.0000	180.5919
Regional Shopping Center	256.22	52.0103	3.0737	0.0000	128.8534
<b>Total</b>		<b>583.8345</b>	<b>34.5036</b>	<b>0.0000</b>	<b>1,446.4252</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

**8.2 Waste by Land Use**

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	765.9	155.4708	9.1881	0.0000	385.1723
Apartments Mid Rise	1419.1	288.0645	17.0241	0.0000	713.6675
City Park	6.84	1.3885	0.0821	0.0000	3.4399
Condo/Townhouse	69	14.0064	0.8278	0.0000	34.7002
Racquet Club	359.1	72.8941	4.3079	0.0000	180.5919
Regional Shopping Center	256.22	52.0103	3.0737	0.0000	128.8534
<b>Total</b>		<b>583.8345</b>	<b>34.5036</b>	<b>0.0000</b>	<b>1,446.4252</b>

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Annual

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**West Broadway\_Construction****Sacramento County, Winter****1.0 Project Characteristics****1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	79.50	Acre	79.50	3,463,020.00	0
Racquet Club	63.00	1000sqft	1.45	63,000.00	0
Apartments Low Rise	1,665.00	Dwelling Unit	104.06	1,665,000.00	4446
Apartments Mid Rise	3,085.00	Dwelling Unit	81.18	3,085,000.00	8237
Condo/Townhouse	150.00	Dwelling Unit	9.38	150,000.00	401
Regional Shopping Center	244.02	1000sqft	5.60	244,020.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.5	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	6			<b>Operational Year</b>	2035
<b>Utility Company</b>	Sacramento Municipal Utility District				
<b>CO2 Intensity (lb/MW hr)</b>	143.85	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Vehicle Trips - Adjusted to match project VMT based on project traffic modeling

Construction Phase - Architectural coating (painting) phase assumed to begin in 2025 and end in 2035 with full project buildout. Demolition assumed to occur between 2020 and 2035.

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	330.00	2,678.00
tblConstructionPhase	NumDays	4,650.00	2,563.00
tblEnergyUse	T24E	511.12	240.20
tblEnergyUse	T24E	460.92	322.60
tblEnergyUse	T24E	381.61	267.10
tblEnergyUse	T24E	3.41	2.40
tblEnergyUse	T24E	3.26	2.30
tblEnergyUse	T24NG	9,411.72	8,752.90
tblProjectCharacteristics	CO2IntensityFactor	590.31	143.85
tblVehicleTrips	CW_TL	10.00	10.55
tblVehicleTrips	HW_TL	10.00	1.00
tblVehicleTrips	HW_TL	10.00	6.56

## 2.0 Emissions Summary

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### 2.1 Overall Construction (Maximum Daily Emission)

#### Unmitigated Construction

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.3988	34.2446	22.4075	0.0426	0.9636	1.6631	2.6267	0.1669	1.5461	1.7129	0.0000	4,141.997 4	4,141.997 4	1.0784	0.0000	4,168.957 5
2021	4.2650	46.4505	31.3888	0.0634	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,141.676 3	6,141.676 3	1.9464	0.0000	6,190.336 0
2022	3.6939	38.8890	29.5095	0.0634	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,141.222 9	6,141.222 9	1.9474	0.0000	6,189.908 6
2023	20.7753	118.2406	152.9104	0.6127	45.5669	1.4255	46.6561	12.2415	1.3114	13.2637	0.0000	62,635.93 53	62,635.93 53	2.8773	0.0000	62,707.86 70
2024	19.5824	114.5104	142.7995	0.5986	45.5662	0.9899	46.5561	12.2412	0.9284	13.1696	0.0000	61,238.92 28	61,238.92 28	2.7822	0.0000	61,308.47 68
2025	45.5894	113.8264	154.2417	0.6464	53.3019	0.9915	54.2934	14.2931	0.9319	15.2251	0.0000	66,003.76 02	66,003.76 02	2.8327	0.0000	66,074.57 89
2026	44.6077	111.3240	145.2334	0.6317	53.3014	0.9758	54.2772	14.2929	0.9172	15.2102	0.0000	64,547.83 27	64,547.83 27	2.7515	0.0000	64,616.61 96
2027	43.6516	109.0421	137.1406	0.6185	53.3009	0.9561	54.2570	14.2928	0.8988	15.1916	0.0000	63,237.21 42	63,237.21 42	2.6770	0.0000	63,304.13 89
2028	42.6616	107.0743	130.0533	0.6068	53.3005	0.9331	54.2336	14.2926	0.8775	15.1701	0.0000	62,078.82 41	62,078.82 41	2.6104	0.0000	62,144.08 33
2029	41.5902	105.2150	123.3348	0.5964	53.3001	0.9108	54.2109	14.2925	0.8566	15.1491	0.0000	61,048.95 23	61,048.95 23	2.5461	0.0000	61,112.60 58
2030	40.4593	98.6716	117.4042	0.5913	53.2998	0.4789	53.7787	14.2924	0.4576	14.7499	0.0000	60,480.98 67	60,480.98 67	1.9979	0.0000	60,530.93 55
2031	39.3731	97.0903	111.7533	0.5832	53.2996	0.4591	53.7586	14.2923	0.4391	14.7314	0.0000	59,685.73 70	59,685.73 70	1.9434	0.0000	59,734.32 20
2032	38.4063	95.6606	106.8168	0.5763	53.2993	0.4413	53.7406	14.2922	0.4226	14.7148	0.0000	58,997.56 66	58,997.56 66	1.8958	0.0000	59,044.96 06
2033	37.6187	94.4235	102.6564	0.5703	53.2991	0.4256	53.7247	14.2921	0.4080	14.7001	0.0000	58,403.26 90	58,403.26 90	1.8554	0.0000	58,449.65 51
2034	27.0931	8.7925	28.1363	0.0778	7.8504	0.3781	8.2286	2.0824	0.3760	2.4584	0.0000	7,604.745 1	7,604.745 1	0.1900	0.0000	7,609.493 8
2035	25.5775	1.5178	11.6130	0.0484	7.7363	0.0350	7.7713	2.0521	0.0330	2.0851	0.0000	4,814.932 5	4,814.932 5	0.0598	0.0000	4,816.427 6
<b>Maximum</b>	<b>45.5894</b>	<b>118.2406</b>	<b>154.2417</b>	<b>0.6464</b>	<b>53.3019</b>	<b>2.0454</b>	<b>54.2934</b>	<b>14.2931</b>	<b>1.8818</b>	<b>15.2251</b>	<b>0.0000</b>	<b>66,003.76 02</b>	<b>66,003.76 02</b>	<b>2.8773</b>	<b>0.0000</b>	<b>66,074.57 89</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

## **2.1 Overall Construction (Maximum Daily Emission)**

### **Mitigated Construction**

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.3988	34.2446	22.4075	0.0426	0.9636	1.6631	2.6267	0.1669	1.5461	1.7129	0.0000	4,141.997 4	4,141.997 4	1.0784	0.0000	4,168.957 5
2021	4.2650	46.4505	31.3888	0.0634	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,141.676 3	6,141.676 3	1.9464	0.0000	6,190.336 0
2022	3.6939	38.8890	29.5095	0.0634	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,141.222 9	6,141.222 9	1.9474	0.0000	6,189.908 6
2023	20.7753	118.2406	152.9104	0.6127	45.5669	1.4255	46.6561	12.2415	1.3114	13.2637	0.0000	62,635.93 53	62,635.93 53	2.8773	0.0000	62,707.86 70
2024	19.5824	114.5104	142.7995	0.5986	45.5662	0.9899	46.5561	12.2412	0.9284	13.1696	0.0000	61,238.92 28	61,238.92 28	2.7822	0.0000	61,308.47 68
2025	45.5894	113.8264	154.2417	0.6464	53.3019	0.9915	54.2934	14.2931	0.9319	15.2251	0.0000	66,003.76 02	66,003.76 02	2.8327	0.0000	66,074.57 89
2026	44.6077	111.3240	145.2334	0.6317	53.3014	0.9758	54.2772	14.2929	0.9172	15.2102	0.0000	64,547.83 27	64,547.83 27	2.7515	0.0000	64,616.61 96
2027	43.6516	109.0421	137.1406	0.6185	53.3009	0.9561	54.2570	14.2928	0.8988	15.1916	0.0000	63,237.21 42	63,237.21 42	2.6770	0.0000	63,304.13 89
2028	42.6616	107.0743	130.0533	0.6068	53.3005	0.9331	54.2336	14.2926	0.8775	15.1701	0.0000	62,078.82 41	62,078.82 41	2.6104	0.0000	62,144.08 33
2029	41.5902	105.2150	123.3348	0.5964	53.3001	0.9108	54.2109	14.2925	0.8566	15.1491	0.0000	61,048.95 23	61,048.95 23	2.5461	0.0000	61,112.60 58
2030	40.4593	98.6716	117.4042	0.5913	53.2998	0.4789	53.7787	14.2924	0.4576	14.7499	0.0000	60,480.98 67	60,480.98 67	1.9979	0.0000	60,530.93 55
2031	39.3731	97.0903	111.7533	0.5832	53.2996	0.4591	53.7586	14.2923	0.4391	14.7314	0.0000	59,685.73 70	59,685.73 70	1.9434	0.0000	59,734.32 20
2032	38.4063	95.6606	106.8168	0.5763	53.2993	0.4413	53.7406	14.2922	0.4226	14.7148	0.0000	58,997.56 66	58,997.56 66	1.8958	0.0000	59,044.96 05
2033	37.6187	94.4235	102.6564	0.5703	53.2991	0.4256	53.7247	14.2921	0.4080	14.7001	0.0000	58,403.26 90	58,403.26 90	1.8554	0.0000	58,449.65 51
2034	27.0931	8.7925	28.1363	0.0778	7.8504	0.3781	8.2286	2.0824	0.3760	2.4584	0.0000	7,604.745 1	7,604.745 1	0.1900	0.0000	7,609.493 8
2035	25.5775	1.5178	11.6130	0.0484	7.7363	0.0350	7.7713	2.0521	0.0330	2.0851	0.0000	4,814.932 5	4,814.932 5	0.0598	0.0000	4,816.427 6
<b>Maximum</b>	<b>45.5894</b>	<b>118.2406</b>	<b>154.2417</b>	<b>0.6464</b>	<b>53.3019</b>	<b>2.0454</b>	<b>54.2934</b>	<b>14.2931</b>	<b>1.8818</b>	<b>15.2251</b>	<b>0.0000</b>	<b>66,003.76 02</b>	<b>66,003.76 02</b>	<b>2.8773</b>	<b>0.0000</b>	<b>66,074.57 89</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	141.2369	4.6479	402.8745	0.0214		2.2420	2.2420		2.2420	2.2420	0.0000	727.9909	727.9909	0.6931	0.0000	745.3194
Energy	1.6481	14.1417	6.4161	0.0899		1.1387	1.1387		1.1387	1.1387		17,979.57 39	17,979.57 39	0.3446	0.3296	18,086.41 75
Mobile	30.9982	178.9118	344.8435	1.4292	171.4588	0.7820	172.2408	45.7769	0.7264	46.5032		145,939.9 611	145,939.9 611	6.1335		146,093.2 977
<b>Total</b>	<b>173.8832</b>	<b>197.7013</b>	<b>754.1342</b>	<b>1.5404</b>	<b>171.4588</b>	<b>4.1626</b>	<b>175.6215</b>	<b>45.7769</b>	<b>4.1070</b>	<b>49.8839</b>	<b>0.0000</b>	<b>164,647.5 258</b>	<b>164,647.5 258</b>	<b>7.1712</b>	<b>0.3296</b>	<b>164,925.0 346</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	141.2369	4.6479	402.8745	0.0214		2.2420	2.2420		2.2420	2.2420	0.0000	727.9909	727.9909	0.6931	0.0000	745.3194
Energy	1.6481	14.1417	6.4161	0.0899		1.1387	1.1387		1.1387	1.1387		17,979.57 39	17,979.57 39	0.3446	0.3296	18,086.41 75
Mobile	30.6641	177.2137	337.3643	1.3884	166.0133	0.7625	166.7758	44.3230	0.7082	45.0312		141,779.1 993	141,779.1 993	6.0078		141,929.3 941
<b>Total</b>	<b>173.5491</b>	<b>196.0033</b>	<b>746.6550</b>	<b>1.4996</b>	<b>166.0133</b>	<b>4.1431</b>	<b>170.1564</b>	<b>44.3230</b>	<b>4.0889</b>	<b>48.4119</b>	<b>0.0000</b>	<b>160,486.7 641</b>	<b>160,486.7 641</b>	<b>7.0455</b>	<b>0.3296</b>	<b>160,761.1 310</b>

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.19	0.86	0.99	2.65	3.18	0.47	3.11	3.18	0.44	2.95	0.00	2.53	2.53	1.75	0.00	2.52

### 3.0 Construction Detail

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	2/23/2021	5	300	
2	Site Preparation	Site Preparation	2/24/2021	11/2/2021	5	180	
3	Grading	Grading	11/3/2021	8/15/2023	5	465	
4	Building Construction	Building Construction	8/16/2023	6/11/2033	5	2563	
5	Paving	Paving	6/12/2033	9/15/2034	5	330	
6	Architectural Coating	Architectural Coating	9/17/2025	12/22/2035	5	2678	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 460,530; Non-Residential Outdoor: 153,510; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	1,040.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,087.00	1,142.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,017.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>		<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0272	1.0012	0.2350	2.7000e-003	0.0670	3.6300e-003	0.0706	0.0181	3.4800e-003	0.0216		289.7592	289.7592	0.0175		290.1955
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0595	0.0424	0.4194	1.0500e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		104.5333	104.5333	3.0100e-003		104.6084
<b>Total</b>	<b>0.0867</b>	<b>1.0436</b>	<b>0.6543</b>	<b>3.7500e-003</b>	<b>0.1811</b>	<b>4.4200e-003</b>	<b>0.1855</b>	<b>0.0484</b>	<b>4.2100e-003</b>	<b>0.0526</b>		<b>394.2924</b>	<b>394.2924</b>	<b>0.0205</b>		<b>394.8039</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>	<b>0.0000</b>	<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0272	1.0012	0.2350	2.7000e-003	0.0670	3.6300e-003	0.0706	0.0181	3.4800e-003	0.0216		289.7592	289.7592	0.0175		290.1955
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0595	0.0424	0.4194	1.0500e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		104.5333	104.5333	3.0100e-003		104.6084
<b>Total</b>	<b>0.0867</b>	<b>1.0436</b>	<b>0.6543</b>	<b>3.7500e-003</b>	<b>0.1811</b>	<b>4.4200e-003</b>	<b>0.1855</b>	<b>0.0484</b>	<b>4.2100e-003</b>	<b>0.0526</b>		<b>394.2924</b>	<b>394.2924</b>	<b>0.0205</b>		<b>394.8039</b>

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>		<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

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**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0251	0.9188	0.2176	2.6700e-003	0.3763	3.2000e-003	0.3795	0.0941	3.0600e-003	0.0971		286.3691	286.3691	0.0171		286.7967
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0554	0.0380	0.3827	1.0100e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		100.9746	100.9746	2.6900e-003		101.0419
<b>Total</b>	<b>0.0805</b>	<b>0.9568</b>	<b>0.6003</b>	<b>3.6800e-003</b>	<b>0.4904</b>	<b>3.9700e-003</b>	<b>0.4944</b>	<b>0.1243</b>	<b>3.7700e-003</b>	<b>0.1281</b>		<b>387.3437</b>	<b>387.3437</b>	<b>0.0198</b>		<b>387.8386</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>	<b>0.0000</b>	<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

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**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0251	0.9188	0.2176	2.6700e-003	0.3763	3.2000e-003	0.3795	0.0941	3.0600e-003	0.0971		286.3691	286.3691	0.0171		286.7967
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0554	0.0380	0.3827	1.0100e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		100.9746	100.9746	2.6900e-003		101.0419
<b>Total</b>	<b>0.0805</b>	<b>0.9568</b>	<b>0.6003</b>	<b>3.6800e-003</b>	<b>0.4904</b>	<b>3.9700e-003</b>	<b>0.4944</b>	<b>0.1243</b>	<b>3.7700e-003</b>	<b>0.1281</b>		<b>387.3437</b>	<b>387.3437</b>	<b>0.0198</b>		<b>387.8386</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>		<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

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**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0664	0.0456	0.4593	1.2200e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		121.1696	121.1696	3.2300e-003		121.2503
<b>Total</b>	<b>0.0664</b>	<b>0.0456</b>	<b>0.4593</b>	<b>1.2200e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>121.1696</b>	<b>121.1696</b>	<b>3.2300e-003</b>		<b>121.2503</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>	<b>0.0000</b>	<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0664	0.0456	0.4593	1.2200e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		121.1696	121.1696	3.2300e-003		121.2503
<b>Total</b>	<b>0.0664</b>	<b>0.0456</b>	<b>0.4593</b>	<b>1.2200e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>121.1696</b>	<b>121.1696</b>	<b>3.2300e-003</b>		<b>121.2503</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>		<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

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**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0738	0.0507	0.5103	1.3500e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		134.6329	134.6329	3.5900e-003		134.7226
<b>Total</b>	<b>0.0738</b>	<b>0.0507</b>	<b>0.5103</b>	<b>1.3500e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>134.6329</b>	<b>134.6329</b>	<b>3.5900e-003</b>		<b>134.7226</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>	<b>0.0000</b>	<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

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**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0738	0.0507	0.5103	1.3500e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		134.6329	134.6329	3.5900e-003		134.7226
<b>Total</b>	<b>0.0738</b>	<b>0.0507</b>	<b>0.5103</b>	<b>1.3500e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>134.6329</b>	<b>134.6329</b>	<b>3.5900e-003</b>		<b>134.7226</b>

**3.4 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>		<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

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**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0690	0.0456	0.4680	1.3000e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		129.8123	129.8123	3.2200e-003		129.8928
<b>Total</b>	<b>0.0690</b>	<b>0.0456</b>	<b>0.4680</b>	<b>1.3000e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>129.8123</b>	<b>129.8123</b>	<b>3.2200e-003</b>		<b>129.8928</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>	<b>0.0000</b>	<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>



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**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0690	0.0456	0.4680	1.3000e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		129.8123	129.8123	3.2200e-003		129.8928
<b>Total</b>	<b>0.0690</b>	<b>0.0456</b>	<b>0.4680</b>	<b>1.3000e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>129.8123</b>	<b>129.8123</b>	<b>3.2200e-003</b>		<b>129.8928</b>

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>		<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.4 Grading - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0410	0.4288	1.2500e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		124.9394	124.9394	2.8800e-003		125.0114
<b>Total</b>	<b>0.0647</b>	<b>0.0410</b>	<b>0.4288</b>	<b>1.2500e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>124.9394</b>	<b>124.9394</b>	<b>2.8800e-003</b>		<b>125.0114</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>	<b>0.0000</b>	<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.4 Grading - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0410	0.4288	1.2500e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		124.9394	124.9394	2.8800e-003		125.0114
<b>Total</b>	<b>0.0647</b>	<b>0.0410</b>	<b>0.4288</b>	<b>1.2500e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>124.9394</b>	<b>124.9394</b>	<b>2.8800e-003</b>		<b>125.0114</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7501	93.4315	27.6084	0.2668	6.8701	0.1413	7.0114	1.9768	0.1351	2.1119		28,302.38 41	28,302.38 41	1.5375		28,340.82 24
Worker	16.4525	10.4243	109.0580	0.3190	38.6968	0.2482	38.9450	10.2647	0.2286	10.4933		31,778.34 13	31,778.34 13	0.7319		31,796.63 86
<b>Total</b>	<b>19.2025</b>	<b>103.8557</b>	<b>136.6664</b>	<b>0.5858</b>	<b>45.5669</b>	<b>0.3895</b>	<b>45.9564</b>	<b>12.2415</b>	<b>0.3638</b>	<b>12.6052</b>		<b>60,080.72 54</b>	<b>60,080.72 54</b>	<b>2.2694</b>		<b>60,137.46 10</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.209 9	2,555.209 9	0.6079		2,570.406 1
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.209 9</b>	<b>2,555.209 9</b>	<b>0.6079</b>		<b>2,570.406 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7501	93.4315	27.6084	0.2668	6.8701	0.1413	7.0114	1.9768	0.1351	2.1119		28,302.38 41	28,302.38 41	1.5375		28,340.82 24
Worker	16.4525	10.4243	109.0580	0.3190	38.6968	0.2482	38.9450	10.2647	0.2286	10.4933		31,778.34 13	31,778.34 13	0.7319		31,796.63 86
<b>Total</b>	<b>19.2025</b>	<b>103.8557</b>	<b>136.6664</b>	<b>0.5858</b>	<b>45.5669</b>	<b>0.3895</b>	<b>45.9564</b>	<b>12.2415</b>	<b>0.3638</b>	<b>12.6052</b>		<b>60,080.72 54</b>	<b>60,080.72 54</b>	<b>2.2694</b>		<b>60,137.46 10</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.698 9	2,555.698 9	0.6044		2,570.807 7
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>		<b>2,555.698 9</b>	<b>2,555.698 9</b>	<b>0.6044</b>		<b>2,570.807 7</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6188	91.6459	25.8013	0.2651	6.8695	0.1338	7.0033	1.9766	0.1279	2.1045		28,139.71 42	28,139.71 42	1.5189		28,177.68 56
Worker	15.4921	9.4208	100.8314	0.3065	38.6968	0.2427	38.9395	10.2647	0.2236	10.4882		30,543.50 97	30,543.50 97	0.6590		30,559.98 36
<b>Total</b>	<b>18.1109</b>	<b>101.0666</b>	<b>126.6327</b>	<b>0.5716</b>	<b>45.5662</b>	<b>0.3765</b>	<b>45.9428</b>	<b>12.2412</b>	<b>0.3515</b>	<b>12.5927</b>		<b>58,683.22 39</b>	<b>58,683.22 39</b>	<b>2.1778</b>		<b>58,737.66 91</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.698 9	2,555.698 9	0.6044		2,570.807 7
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>	<b>0.0000</b>	<b>2,555.698 9</b>	<b>2,555.698 9</b>	<b>0.6044</b>		<b>2,570.807 7</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6188	91.6459	25.8013	0.2651	6.8695	0.1338	7.0033	1.9766	0.1279	2.1045		28,139.71 42	28,139.71 42	1.5189		28,177.68 56
Worker	15.4921	9.4208	100.8314	0.3065	38.6968	0.2427	38.9395	10.2647	0.2236	10.4882		30,543.50 97	30,543.50 97	0.6590		30,559.98 36
<b>Total</b>	<b>18.1109</b>	<b>101.0666</b>	<b>126.6327</b>	<b>0.5716</b>	<b>45.5662</b>	<b>0.3765</b>	<b>45.9428</b>	<b>12.2412</b>	<b>0.3515</b>	<b>12.5927</b>		<b>58,683.22 39</b>	<b>58,683.22 39</b>	<b>2.1778</b>		<b>58,737.66 91</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5099	89.9474	24.4179	0.2635	6.8689	0.1265	6.9954	1.9763	0.1210	2.0973		27,982.77 63	27,982.77 63	1.5009		28,020.29 81
Worker	14.6513	8.5537	93.2811	0.2942	38.6968	0.2382	38.9350	10.2647	0.2193	10.4840		29,321.13 92	29,321.13 92	0.5964		29,336.04 80
<b>Total</b>	<b>17.1612</b>	<b>98.5011</b>	<b>117.6990</b>	<b>0.5577</b>	<b>45.5656</b>	<b>0.3648</b>	<b>45.9304</b>	<b>12.2410</b>	<b>0.3403</b>	<b>12.5813</b>		<b>57,303.91 55</b>	<b>57,303.91 55</b>	<b>2.0972</b>		<b>57,356.34 61</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5099	89.9474	24.4179	0.2635	6.8689	0.1265	6.9954	1.9763	0.1210	2.0973		27,982.77 63	27,982.77 63	1.5009		28,020.29 81
Worker	14.6513	8.5537	93.2811	0.2942	38.6968	0.2382	38.9350	10.2647	0.2193	10.4840		29,321.13 92	29,321.13 92	0.5964		29,336.04 80
<b>Total</b>	<b>17.1612</b>	<b>98.5011</b>	<b>117.6990</b>	<b>0.5577</b>	<b>45.5656</b>	<b>0.3648</b>	<b>45.9304</b>	<b>12.2410</b>	<b>0.3403</b>	<b>12.5813</b>		<b>57,303.91 55</b>	<b>57,303.91 55</b>	<b>2.0972</b>		<b>57,356.34 61</b>

**3.5 Building Construction - 2026**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4139	88.3331	23.2893	0.2620	6.8683	0.1193	6.9876	1.9761	0.1140	2.0902		27,833.8598	27,833.8598	1.4846		27,870.9754
Worker	13.9132	7.8137	86.7142	0.2832	38.6968	0.2312	38.9280	10.2647	0.2129	10.4776		28,231.8920	28,231.8920	0.5422		28,245.4460
<b>Total</b>	<b>16.3270</b>	<b>96.1467</b>	<b>110.0035</b>	<b>0.5452</b>	<b>45.5651</b>	<b>0.3505</b>	<b>45.9156</b>	<b>12.2408</b>	<b>0.3269</b>	<b>12.5677</b>		<b>56,065.7518</b>	<b>56,065.7518</b>	<b>2.0268</b>		<b>56,116.4214</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4139	88.3331	23.2893	0.2620	6.8683	0.1193	6.9876	1.9761	0.1140	2.0902		27,833.8598	27,833.8598	1.4846		27,870.9754
Worker	13.9132	7.8137	86.7142	0.2832	38.6968	0.2312	38.9280	10.2647	0.2129	10.4776		28,231.8920	28,231.8920	0.5422		28,245.4460
<b>Total</b>	<b>16.3270</b>	<b>96.1467</b>	<b>110.0035</b>	<b>0.5452</b>	<b>45.5651</b>	<b>0.3505</b>	<b>45.9156</b>	<b>12.2408</b>	<b>0.3269</b>	<b>12.5677</b>		<b>56,065.7518</b>	<b>56,065.7518</b>	<b>2.0268</b>		<b>56,116.4214</b>

**3.5 Building Construction - 2027**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2027**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3295	86.8485	22.3076	0.2606	6.8678	0.1132	6.9810	1.9759	0.1082	2.0842		27,693.73 96	27,693.73 96	1.4687		27,730.45 81
Worker	13.1867	7.1492	80.7880	0.2733	38.6968	0.2199	38.9166	10.2647	0.2024	10.4670		27,256.41 28	27,256.41 28	0.4933		27,268.74 58
<b>Total</b>	<b>15.5162</b>	<b>93.9977</b>	<b>103.0956</b>	<b>0.5339</b>	<b>45.5646</b>	<b>0.3331</b>	<b>45.8977</b>	<b>12.2406</b>	<b>0.3106</b>	<b>12.5512</b>		<b>54,950.15 24</b>	<b>54,950.15 24</b>	<b>1.9621</b>		<b>54,999.20 40</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2027**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3295	86.8485	22.3076	0.2606	6.8678	0.1132	6.9810	1.9759	0.1082	2.0842		27,693.73 96	27,693.73 96	1.4687		27,730.45 81
Worker	13.1867	7.1492	80.7880	0.2733	38.6968	0.2199	38.9166	10.2647	0.2024	10.4670		27,256.41 28	27,256.41 28	0.4933		27,268.74 58
<b>Total</b>	<b>15.5162</b>	<b>93.9977</b>	<b>103.0956</b>	<b>0.5339</b>	<b>45.5646</b>	<b>0.3331</b>	<b>45.8977</b>	<b>12.2406</b>	<b>0.3106</b>	<b>12.5512</b>		<b>54,950.15 24</b>	<b>54,950.15 24</b>	<b>1.9621</b>		<b>54,999.20 40</b>

**3.5 Building Construction - 2028**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2028**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2548	85.5889	21.4756	0.2594	6.8674	0.1078	6.9753	1.9758	0.1031	2.0789		27,574.70 90	27,574.70 90	1.4525		27,611.02 24
Worker	12.4239	6.5590	75.5748	0.2646	38.6968	0.2052	38.9020	10.2647	0.1888	10.4535		26,390.22 32	26,390.22 32	0.4513		26,401.50 58
<b>Total</b>	<b>14.6787</b>	<b>92.1479</b>	<b>97.0505</b>	<b>0.5240</b>	<b>45.5642</b>	<b>0.3130</b>	<b>45.8772</b>	<b>12.2405</b>	<b>0.2919</b>	<b>12.5324</b>		<b>53,964.93 22</b>	<b>53,964.93 22</b>	<b>1.9038</b>		<b>54,012.52 82</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2028**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2548	85.5889	21.4756	0.2594	6.8674	0.1078	6.9753	1.9758	0.1031	2.0789		27,574.70 90	27,574.70 90	1.4525		27,611.02 24
Worker	12.4239	6.5590	75.5748	0.2646	38.6968	0.2052	38.9020	10.2647	0.1888	10.4535		26,390.22 32	26,390.22 32	0.4513		26,401.50 58
<b>Total</b>	<b>14.6787</b>	<b>92.1479</b>	<b>97.0505</b>	<b>0.5240</b>	<b>45.5642</b>	<b>0.3130</b>	<b>45.8772</b>	<b>12.2405</b>	<b>0.2919</b>	<b>12.5324</b>		<b>53,964.93 22</b>	<b>53,964.93 22</b>	<b>1.9038</b>		<b>54,012.52 82</b>

**3.5 Building Construction - 2029**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2029**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1873	84.3908	20.7766	0.2583	6.8671	0.1023	6.9694	1.9757	0.0979	2.0735		27,466.34 64	27,466.34 64	1.4364		27,502.25 58
Worker	11.5873	6.0079	70.5583	0.2569	38.6968	0.1911	38.8879	10.2647	0.1759	10.4406		25,622.24 85	25,622.24 85	0.4113		25,632.52 97
<b>Total</b>	<b>13.7746</b>	<b>90.3987</b>	<b>91.3349</b>	<b>0.5152</b>	<b>45.5638</b>	<b>0.2935</b>	<b>45.8573</b>	<b>12.2403</b>	<b>0.2737</b>	<b>12.5141</b>		<b>53,088.59 49</b>	<b>53,088.59 49</b>	<b>1.8476</b>		<b>53,134.78 55</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2029**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1873	84.3908	20.7766	0.2583	6.8671	0.1023	6.9694	1.9757	0.0979	2.0735		27,466.34 64	27,466.34 64	1.4364		27,502.25 58
Worker	11.5873	6.0079	70.5583	0.2569	38.6968	0.1911	38.8879	10.2647	0.1759	10.4406		25,622.24 85	25,622.24 85	0.4113		25,632.52 97
<b>Total</b>	<b>13.7746</b>	<b>90.3987</b>	<b>91.3349</b>	<b>0.5152</b>	<b>45.5638</b>	<b>0.2935</b>	<b>45.8573</b>	<b>12.2403</b>	<b>0.2737</b>	<b>12.5141</b>		<b>53,088.59 49</b>	<b>53,088.59 49</b>	<b>1.8476</b>		<b>53,134.78 55</b>

**3.5 Building Construction - 2030**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2030**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1265	83.2683	20.1997	0.2573	6.8667	0.0968	6.9636	1.9755	0.0926	2.0681		27,369.3081	27,369.3081	1.4196		27,404.7981
Worker	10.7774	5.5106	66.0458	0.2500	38.6968	0.1780	38.8748	10.2647	0.1638	10.4285		24,945.5378	24,945.5378	0.3756		24,954.9283
<b>Total</b>	<b>12.9039</b>	<b>88.7790</b>	<b>86.2455</b>	<b>0.5074</b>	<b>45.5635</b>	<b>0.2749</b>	<b>45.8384</b>	<b>12.2402</b>	<b>0.2564</b>	<b>12.4966</b>		<b>52,314.8459</b>	<b>52,314.8459</b>	<b>1.7952</b>		<b>52,359.7264</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2030**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1265	83.2683	20.1997	0.2573	6.8667	0.0968	6.9636	1.9755	0.0926	2.0681		27,369.3081	27,369.3081	1.4196		27,404.7981
Worker	10.7774	5.5106	66.0458	0.2500	38.6968	0.1780	38.8748	10.2647	0.1638	10.4285		24,945.5378	24,945.5378	0.3756		24,954.9283
<b>Total</b>	<b>12.9039</b>	<b>88.7790</b>	<b>86.2455</b>	<b>0.5074</b>	<b>45.5635</b>	<b>0.2749</b>	<b>45.8384</b>	<b>12.2402</b>	<b>0.2564</b>	<b>12.4966</b>		<b>52,314.8459</b>	<b>52,314.8459</b>	<b>1.7952</b>		<b>52,359.7264</b>

**3.5 Building Construction - 2031**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2031**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0750	82.2507	19.7250	0.2565	6.8665	0.0919	6.9584	1.9754	0.0879	2.0633		27,286.60 62	27,286.60 62	1.4051		27,321.73 46
Worker	9.9152	5.0409	61.7320	0.2440	38.6968	0.1656	38.8624	10.2647	0.1524	10.4170		24,351.70 90	24,351.70 90	0.3422		24,360.26 44
<b>Total</b>	<b>11.9901</b>	<b>87.2916</b>	<b>81.4570</b>	<b>0.5005</b>	<b>45.5632</b>	<b>0.2575</b>	<b>45.8207</b>	<b>12.2401</b>	<b>0.2402</b>	<b>12.4803</b>		<b>51,638.31 52</b>	<b>51,638.31 52</b>	<b>1.7474</b>		<b>51,681.99 90</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2031**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0750	82.2507	19.7250	0.2565	6.8665	0.0919	6.9584	1.9754	0.0879	2.0633		27,286.60 62	27,286.60 62	1.4051		27,321.73 46
Worker	9.9152	5.0409	61.7320	0.2440	38.6968	0.1656	38.8624	10.2647	0.1524	10.4170		24,351.70 90	24,351.70 90	0.3422		24,360.26 44
<b>Total</b>	<b>11.9901</b>	<b>87.2916</b>	<b>81.4570</b>	<b>0.5005</b>	<b>45.5632</b>	<b>0.2575</b>	<b>45.8207</b>	<b>12.2401</b>	<b>0.2402</b>	<b>12.4803</b>		<b>51,638.31 52</b>	<b>51,638.31 52</b>	<b>1.7474</b>		<b>51,681.99 90</b>

**3.5 Building Construction - 2032**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2032**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0322	81.3067	19.3479	0.2558	6.8662	0.0880	6.9543	1.9754	0.0841	2.0595		27,218.89 81	27,218.89 81	1.3924		27,253.70 79
Worker	9.1451	4.6361	57.9323	0.2388	38.6968	0.1541	38.8508	10.2647	0.1417	10.4064		23,834.62 32	23,834.62 32	0.3131		23,842.45 14
<b>Total</b>	<b>11.1773</b>	<b>85.9428</b>	<b>77.2802</b>	<b>0.4946</b>	<b>45.5630</b>	<b>0.2421</b>	<b>45.8051</b>	<b>12.2400</b>	<b>0.2259</b>	<b>12.4659</b>		<b>51,053.52 13</b>	<b>51,053.52 13</b>	<b>1.7055</b>		<b>51,096.15 94</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2032**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0322	81.3067	19.3479	0.2558	6.8662	0.0880	6.9543	1.9754	0.0841	2.0595		27,218.89 81	27,218.89 81	1.3924		27,253.70 79
Worker	9.1451	4.6361	57.9323	0.2388	38.6968	0.1541	38.8508	10.2647	0.1417	10.4064		23,834.62 32	23,834.62 32	0.3131		23,842.45 14
<b>Total</b>	<b>11.1773</b>	<b>85.9428</b>	<b>77.2802</b>	<b>0.4946</b>	<b>45.5630</b>	<b>0.2421</b>	<b>45.8051</b>	<b>12.2400</b>	<b>0.2259</b>	<b>12.4659</b>		<b>51,053.52 13</b>	<b>51,053.52 13</b>	<b>1.7055</b>		<b>51,096.15 94</b>

**3.5 Building Construction - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9962	80.4672	19.0276	0.2552	6.8660	0.0847	6.9508	1.9753	0.0810	2.0563		27,159.45 43	27,159.45 43	1.3811		27,193.98 28
Worker	8.5187	4.3048	54.7320	0.2343	38.6968	0.1437	38.8405	10.2647	0.1322	10.3969		23,388.88 25	23,388.88 25	0.2889		23,396.10 53
<b>Total</b>	<b>10.5149</b>	<b>84.7720</b>	<b>73.7596</b>	<b>0.4895</b>	<b>45.5628</b>	<b>0.2284</b>	<b>45.7912</b>	<b>12.2400</b>	<b>0.2132</b>	<b>12.4531</b>		<b>50,548.33 68</b>	<b>50,548.33 68</b>	<b>1.6701</b>		<b>50,590.08 80</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9962	80.4672	19.0276	0.2552	6.8660	0.0847	6.9508	1.9753	0.0810	2.0563		27,159.45 43	27,159.45 43	1.3811		27,193.98 28
Worker	8.5187	4.3048	54.7320	0.2343	38.6968	0.1437	38.8405	10.2647	0.1322	10.3969		23,388.88 25	23,388.88 25	0.2889		23,396.10 53
<b>Total</b>	<b>10.5149</b>	<b>84.7720</b>	<b>73.7596</b>	<b>0.4895</b>	<b>45.5628</b>	<b>0.2284</b>	<b>45.7912</b>	<b>12.2400</b>	<b>0.2132</b>	<b>12.4531</b>		<b>50,548.33 68</b>	<b>50,548.33 68</b>	<b>1.6701</b>		<b>50,590.08 80</b>

**3.6 Paving - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.516 8	2,656.516 8	0.1245		2,659.630 2
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3845</b>	<b>7.1202</b>	<b>15.8495</b>	<b>0.0281</b>		<b>0.3306</b>	<b>0.3306</b>		<b>0.3306</b>	<b>0.3306</b>		<b>2,656.516 8</b>	<b>2,656.516 8</b>	<b>0.1245</b>		<b>2,659.630 2</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.6 Paving - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0251	0.0127	0.1614	6.9000e-004	0.1141	4.2000e-004	0.1145	0.0303	3.9000e-004	0.0307		68.9666	68.9666	8.5000e-004		68.9879
<b>Total</b>	<b>0.0251</b>	<b>0.0127</b>	<b>0.1614</b>	<b>6.9000e-004</b>	<b>0.1141</b>	<b>4.2000e-004</b>	<b>0.1145</b>	<b>0.0303</b>	<b>3.9000e-004</b>	<b>0.0307</b>		<b>68.9666</b>	<b>68.9666</b>	<b>8.5000e-004</b>		<b>68.9879</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3845</b>	<b>7.1202</b>	<b>15.8495</b>	<b>0.0281</b>		<b>0.3306</b>	<b>0.3306</b>		<b>0.3306</b>	<b>0.3306</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.1245</b>		<b>2,659.6302</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.6 Paving - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0251	0.0127	0.1614	6.9000e-004	0.1141	4.2000e-004	0.1145	0.0303	3.9000e-004	0.0307		68.9666	68.9666	8.5000e-004		68.9879
<b>Total</b>	<b>0.0251</b>	<b>0.0127</b>	<b>0.1614</b>	<b>6.9000e-004</b>	<b>0.1141</b>	<b>4.2000e-004</b>	<b>0.1145</b>	<b>0.0303</b>	<b>3.9000e-004</b>	<b>0.0307</b>		<b>68.9666</b>	<b>68.9666</b>	<b>8.5000e-004</b>		<b>68.9879</b>

**3.6 Paving - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3845</b>	<b>7.1202</b>	<b>15.8495</b>	<b>0.0281</b>		<b>0.3306</b>	<b>0.3306</b>		<b>0.3306</b>	<b>0.3306</b>		<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.1245</b>		<b>2,659.6302</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.6 Paving - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0235	0.0119	0.1525	6.8000e-004	0.1141	4.0000e-004	0.1145	0.0303	3.6000e-004	0.0306		67.8311	67.8311	7.9000e-004		67.8507
<b>Total</b>	<b>0.0235</b>	<b>0.0119</b>	<b>0.1525</b>	<b>6.8000e-004</b>	<b>0.1141</b>	<b>4.0000e-004</b>	<b>0.1145</b>	<b>0.0303</b>	<b>3.6000e-004</b>	<b>0.0306</b>		<b>67.8311</b>	<b>67.8311</b>	<b>7.9000e-004</b>		<b>67.8507</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3845</b>	<b>7.1202</b>	<b>15.8495</b>	<b>0.0281</b>		<b>0.3306</b>	<b>0.3306</b>		<b>0.3306</b>	<b>0.3306</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.1245</b>		<b>2,659.6302</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.6 Paving - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0235	0.0119	0.1525	6.8000e-004	0.1141	4.0000e-004	0.1145	0.0303	3.6000e-004	0.0306		67.8311	67.8311	7.9000e-004		67.8507
<b>Total</b>	<b>0.0235</b>	<b>0.0119</b>	<b>0.1525</b>	<b>6.8000e-004</b>	<b>0.1141</b>	<b>4.0000e-004</b>	<b>0.1145</b>	<b>0.0303</b>	<b>3.6000e-004</b>	<b>0.0306</b>		<b>67.8311</b>	<b>67.8311</b>	<b>7.9000e-004</b>		<b>67.8507</b>

**3.7 Architectural Coating - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>24.1317</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.9291	1.7101	18.6489	0.0588	7.7363	0.0476	7.7839	2.0521	0.0439	2.0960		5,861.9223	5,861.9223	0.1192		5,864.9028
<b>Total</b>	<b>2.9291</b>	<b>1.7101</b>	<b>18.6489</b>	<b>0.0588</b>	<b>7.7363</b>	<b>0.0476</b>	<b>7.7839</b>	<b>2.0521</b>	<b>0.0439</b>	<b>2.0960</b>		<b>5,861.9223</b>	<b>5,861.9223</b>	<b>0.1192</b>		<b>5,864.9028</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>24.1317</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.9291	1.7101	18.6489	0.0588	7.7363	0.0476	7.7839	2.0521	0.0439	2.0960		5,861.9223	5,861.9223	0.1192		5,864.9028
<b>Total</b>	<b>2.9291</b>	<b>1.7101</b>	<b>18.6489</b>	<b>0.0588</b>	<b>7.7363</b>	<b>0.0476</b>	<b>7.7839</b>	<b>2.0521</b>	<b>0.0439</b>	<b>2.0960</b>		<b>5,861.9223</b>	<b>5,861.9223</b>	<b>0.1192</b>		<b>5,864.9028</b>

**3.7 Architectural Coating - 2026**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>24.1317</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.7815	1.5621	17.3360	0.0566	7.7363	0.0462	7.7825	2.0521	0.0426	2.0947		5,644.1585	5,644.1585	0.1084		5,646.8682
<b>Total</b>	<b>2.7815</b>	<b>1.5621</b>	<b>17.3360</b>	<b>0.0566</b>	<b>7.7363</b>	<b>0.0462</b>	<b>7.7825</b>	<b>2.0521</b>	<b>0.0426</b>	<b>2.0947</b>		<b>5,644.1585</b>	<b>5,644.1585</b>	<b>0.1084</b>		<b>5,646.8682</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>24.1317</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.7815	1.5621	17.3360	0.0566	7.7363	0.0462	7.7825	2.0521	0.0426	2.0947		5,644.1585	5,644.1585	0.1084		5,646.8682
<b>Total</b>	<b>2.7815</b>	<b>1.5621</b>	<b>17.3360</b>	<b>0.0566</b>	<b>7.7363</b>	<b>0.0462</b>	<b>7.7825</b>	<b>2.0521</b>	<b>0.0426</b>	<b>2.0947</b>		<b>5,644.1585</b>	<b>5,644.1585</b>	<b>0.1084</b>		<b>5,646.8682</b>

**3.7 Architectural Coating - 2027**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>24.1317</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2027**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6363	1.4293	16.1513	0.0547	7.7363	0.0440	7.7803	2.0521	0.0405	2.0926		5,449.1393	5,449.1393	0.0986		5,451.6050
<b>Total</b>	<b>2.6363</b>	<b>1.4293</b>	<b>16.1513</b>	<b>0.0547</b>	<b>7.7363</b>	<b>0.0440</b>	<b>7.7803</b>	<b>2.0521</b>	<b>0.0405</b>	<b>2.0926</b>		<b>5,449.1393</b>	<b>5,449.1393</b>	<b>0.0986</b>		<b>5,451.6050</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>24.1317</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2027**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6363	1.4293	16.1513	0.0547	7.7363	0.0440	7.7803	2.0521	0.0405	2.0926		5,449.1393	5,449.1393	0.0986		5,451.6050
<b>Total</b>	<b>2.6363</b>	<b>1.4293</b>	<b>16.1513</b>	<b>0.0547</b>	<b>7.7363</b>	<b>0.0440</b>	<b>7.7803</b>	<b>2.0521</b>	<b>0.0405</b>	<b>2.0926</b>		<b>5,449.1393</b>	<b>5,449.1393</b>	<b>0.0986</b>		<b>5,451.6050</b>

**3.7 Architectural Coating - 2028**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>24.1317</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2028**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.4838	1.3113	15.1090	0.0529	7.7363	0.0410	7.7773	2.0521	0.0378	2.0899		5,275.9695	5,275.9695	0.0902		5,278.2252
<b>Total</b>	<b>2.4838</b>	<b>1.3113</b>	<b>15.1090</b>	<b>0.0529</b>	<b>7.7363</b>	<b>0.0410</b>	<b>7.7773</b>	<b>2.0521</b>	<b>0.0378</b>	<b>2.0899</b>		<b>5,275.9695</b>	<b>5,275.9695</b>	<b>0.0902</b>		<b>5,278.2252</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>24.1317</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2028**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.4838	1.3113	15.1090	0.0529	7.7363	0.0410	7.7773	2.0521	0.0378	2.0899		5,275.9695	5,275.9695	0.0902		5,278.2252
<b>Total</b>	<b>2.4838</b>	<b>1.3113</b>	<b>15.1090</b>	<b>0.0529</b>	<b>7.7363</b>	<b>0.0410</b>	<b>7.7773</b>	<b>2.0521</b>	<b>0.0378</b>	<b>2.0899</b>		<b>5,275.9695</b>	<b>5,275.9695</b>	<b>0.0902</b>		<b>5,278.2252</b>

**3.7 Architectural Coating - 2029**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>24.1317</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2029**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.3166	1.2011	14.1061	0.0514	7.7363	0.0382	7.7745	2.0521	0.0352	2.0873		5,122.4350	5,122.4350	0.0822		5,124.4904
<b>Total</b>	<b>2.3166</b>	<b>1.2011</b>	<b>14.1061</b>	<b>0.0514</b>	<b>7.7363</b>	<b>0.0382</b>	<b>7.7745</b>	<b>2.0521</b>	<b>0.0352</b>	<b>2.0873</b>		<b>5,122.4350</b>	<b>5,122.4350</b>	<b>0.0822</b>		<b>5,124.4904</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>24.1317</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2029**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.3166	1.2011	14.1061	0.0514	7.7363	0.0382	7.7745	2.0521	0.0352	2.0873		5,122.4350	5,122.4350	0.0822		5,124.4904
<b>Total</b>	<b>2.3166</b>	<b>1.2011</b>	<b>14.1061</b>	<b>0.0514</b>	<b>7.7363</b>	<b>0.0382</b>	<b>7.7745</b>	<b>2.0521</b>	<b>0.0352</b>	<b>2.0873</b>		<b>5,122.4350</b>	<b>5,122.4350</b>	<b>0.0822</b>		<b>5,124.4904</b>

**3.7 Architectural Coating - 2030**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>24.0916</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2030**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.1546	1.1017	13.2040	0.0500	7.7363	0.0356	7.7719	2.0521	0.0328	2.0849		4,987.146 1	4,987.146 1	0.0751		4,989.023 4
<b>Total</b>	<b>2.1546</b>	<b>1.1017</b>	<b>13.2040</b>	<b>0.0500</b>	<b>7.7363</b>	<b>0.0356</b>	<b>7.7719</b>	<b>2.0521</b>	<b>0.0328</b>	<b>2.0849</b>		<b>4,987.146 1</b>	<b>4,987.146 1</b>	<b>0.0751</b>		<b>4,989.023 4</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>24.0916</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2030**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.1546	1.1017	13.2040	0.0500	7.7363	0.0356	7.7719	2.0521	0.0328	2.0849		4,987.146 1	4,987.146 1	0.0751		4,989.023 4
<b>Total</b>	<b>2.1546</b>	<b>1.1017</b>	<b>13.2040</b>	<b>0.0500</b>	<b>7.7363</b>	<b>0.0356</b>	<b>7.7719</b>	<b>2.0521</b>	<b>0.0328</b>	<b>2.0849</b>		<b>4,987.146 1</b>	<b>4,987.146 1</b>	<b>0.0751</b>		<b>4,989.023 4</b>

**3.7 Architectural Coating - 2031**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>24.0916</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2031**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.9823	1.0078	12.3415	0.0488	7.7363	0.0331	7.7694	2.0521	0.0305	2.0826		4,868.427 0	4,868.427 0	0.0684		4,870.137 4
<b>Total</b>	<b>1.9823</b>	<b>1.0078</b>	<b>12.3415</b>	<b>0.0488</b>	<b>7.7363</b>	<b>0.0331</b>	<b>7.7694</b>	<b>2.0521</b>	<b>0.0305</b>	<b>2.0826</b>		<b>4,868.427 0</b>	<b>4,868.427 0</b>	<b>0.0684</b>		<b>4,870.137 4</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>24.0916</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2031**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.9823	1.0078	12.3415	0.0488	7.7363	0.0331	7.7694	2.0521	0.0305	2.0826		4,868.4270	4,868.4270	0.0684		4,870.1374
<b>Total</b>	<b>1.9823</b>	<b>1.0078</b>	<b>12.3415</b>	<b>0.0488</b>	<b>7.7363</b>	<b>0.0331</b>	<b>7.7694</b>	<b>2.0521</b>	<b>0.0305</b>	<b>2.0826</b>		<b>4,868.4270</b>	<b>4,868.4270</b>	<b>0.0684</b>		<b>4,870.1374</b>

**3.7 Architectural Coating - 2032**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>24.0916</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2032**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.8283	0.9269	11.5819	0.0477	7.7363	0.0308	7.7671	2.0521	0.0283	2.0805		4,765.0505	4,765.0505	0.0626		4,766.6155
<b>Total</b>	<b>1.8283</b>	<b>0.9269</b>	<b>11.5819</b>	<b>0.0477</b>	<b>7.7363</b>	<b>0.0308</b>	<b>7.7671</b>	<b>2.0521</b>	<b>0.0283</b>	<b>2.0805</b>		<b>4,765.0505</b>	<b>4,765.0505</b>	<b>0.0626</b>		<b>4,766.6155</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>24.0916</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2032**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.8283	0.9269	11.5819	0.0477	7.7363	0.0308	7.7671	2.0521	0.0283	2.0805		4,765.0505	4,765.0505	0.0626		4,766.6155
<b>Total</b>	<b>1.8283</b>	<b>0.9269</b>	<b>11.5819</b>	<b>0.0477</b>	<b>7.7363</b>	<b>0.0308</b>	<b>7.7671</b>	<b>2.0521</b>	<b>0.0283</b>	<b>2.0805</b>		<b>4,765.0505</b>	<b>4,765.0505</b>	<b>0.0626</b>		<b>4,766.6155</b>

**3.7 Architectural Coating - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>24.0916</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.7031	0.8606	10.9421	0.0468	7.7363	0.0287	7.7650	2.0521	0.0264	2.0786		4,675.9374	4,675.9374	0.0578		4,677.3814
<b>Total</b>	<b>1.7031</b>	<b>0.8606</b>	<b>10.9421</b>	<b>0.0468</b>	<b>7.7363</b>	<b>0.0287</b>	<b>7.7650</b>	<b>2.0521</b>	<b>0.0264</b>	<b>2.0786</b>		<b>4,675.9374</b>	<b>4,675.9374</b>	<b>0.0578</b>		<b>4,677.3814</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>24.0916</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.7031	0.8606	10.9421	0.0468	7.7363	0.0287	7.7650	2.0521	0.0264	2.0786		4,675.9374	4,675.9374	0.0578		4,677.3814
<b>Total</b>	<b>1.7031</b>	<b>0.8606</b>	<b>10.9421</b>	<b>0.0468</b>	<b>7.7363</b>	<b>0.0287</b>	<b>7.7650</b>	<b>2.0521</b>	<b>0.0264</b>	<b>2.0786</b>		<b>4,675.9374</b>	<b>4,675.9374</b>	<b>0.0578</b>		<b>4,677.3814</b>

**3.7 Architectural Coating - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>24.0916</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.5935	0.8041	10.3365	0.0461	7.7363	0.0268	7.7631	2.0521	0.0247	2.0768		4,598.949 2	4,598.949 2	0.0532		4,600.280 1
<b>Total</b>	<b>1.5935</b>	<b>0.8041</b>	<b>10.3365</b>	<b>0.0461</b>	<b>7.7363</b>	<b>0.0268</b>	<b>7.7631</b>	<b>2.0521</b>	<b>0.0247</b>	<b>2.0768</b>		<b>4,598.949 2</b>	<b>4,598.949 2</b>	<b>0.0532</b>		<b>4,600.280 1</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>24.0916</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.5935	0.8041	10.3365	0.0461	7.7363	0.0268	7.7631	2.0521	0.0247	2.0768		4,598.949 2	4,598.949 2	0.0532		4,600.280 1
<b>Total</b>	<b>1.5935</b>	<b>0.8041</b>	<b>10.3365</b>	<b>0.0461</b>	<b>7.7363</b>	<b>0.0268</b>	<b>7.7631</b>	<b>2.0521</b>	<b>0.0247</b>	<b>2.0768</b>		<b>4,598.949 2</b>	<b>4,598.949 2</b>	<b>0.0532</b>		<b>4,600.280 1</b>

**3.7 Architectural Coating - 2035**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
<b>Total</b>	<b>24.0787</b>	<b>0.7577</b>	<b>1.7943</b>	<b>2.9700e-003</b>		<b>9.9000e-003</b>	<b>9.9000e-003</b>		<b>9.9000e-003</b>	<b>9.9000e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0104</b>		<b>281.7081</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2035**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.4987	0.7601	9.8187	0.0454	7.7363	0.0251	7.7614	2.0521	0.0231	2.0752		4,533.4845	4,533.4845	0.0494		4,534.7196
<b>Total</b>	<b>1.4987</b>	<b>0.7601</b>	<b>9.8187</b>	<b>0.0454</b>	<b>7.7363</b>	<b>0.0251</b>	<b>7.7614</b>	<b>2.0521</b>	<b>0.0231</b>	<b>2.0752</b>		<b>4,533.4845</b>	<b>4,533.4845</b>	<b>0.0494</b>		<b>4,534.7196</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
<b>Total</b>	<b>24.0787</b>	<b>0.7577</b>	<b>1.7943</b>	<b>2.9700e-003</b>		<b>9.9000e-003</b>	<b>9.9000e-003</b>		<b>9.9000e-003</b>	<b>9.9000e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0104</b>		<b>281.7081</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2035**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.4987	0.7601	9.8187	0.0454	7.7363	0.0251	7.7614	2.0521	0.0231	2.0752		4,533.4845	4,533.4845	0.0494		4,534.7196
<b>Total</b>	<b>1.4987</b>	<b>0.7601</b>	<b>9.8187</b>	<b>0.0454</b>	<b>7.7363</b>	<b>0.0251</b>	<b>7.7614</b>	<b>2.0521</b>	<b>0.0231</b>	<b>2.0752</b>		<b>4,533.4845</b>	<b>4,533.4845</b>	<b>0.0494</b>		<b>4,534.7196</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Integrate Below Market Rate Housing

Improve Pedestrian Network

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	30.6641	177.2137	337.3643	1.3884	166.0133	0.7625	166.7758	44.3230	0.7082	45.0312		141,779.1993	141,779.1993	6.0078		141,929.3941
Unmitigated	30.9982	178.9118	344.8435	1.4292	171.4588	0.7820	172.2408	45.7769	0.7264	46.5032		145,939.9611	145,939.9611	6.1335		146,093.2977

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	10,972.35	11,921.40	10106.55	13,336,461	12,912,895
Apartments Mid Rise	20,515.25	19,713.15	18078.10	41,094,756	39,789,586
City Park	150.26	1,808.63	1330.83	1,052,265	1,018,845
Condo/Townhouse	871.50	850.50	726.00	2,175,327	2,106,239
Racquet Club	883.89	1,345.05	1096.20	1,294,152	1,253,049
Regional Shopping Center	10,419.65	12,193.68	6159.06	14,063,079	13,616,436
<b>Total</b>	<b>43,812.90</b>	<b>47,832.40</b>	<b>37,496.74</b>	<b>73,016,039</b>	<b>70,697,050</b>

4.3 Trip Type Information

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	1.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Apartments Mid Rise	6.56	5.00	6.50	46.50	12.50	41.00	86	11	3
City Park	10.55	5.00	6.50	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Racquet Club	10.00	5.00	6.50	11.50	69.50	19.00	52	39	9
Regional Shopping Center	10.00	5.00	6.50	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Apartments Mid Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
City Park	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Condo/Townhouse	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Racquet Club	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Regional Shopping Center	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.6481	14.1417	6.4161	0.0899		1.1387	1.1387		1.1387	1.1387		17,979.5739	17,979.5739	0.3446	0.3296	18,086.4175
NaturalGas Unmitigated	1.6481	14.1417	6.4161	0.0899		1.1387	1.1387		1.1387	1.1387		17,979.5739	17,979.5739	0.3446	0.3296	18,086.4175

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	52184.7	0.5628	4.8092	2.0465	0.0307		0.3888	0.3888		0.3888	0.3888		6,139.3823	6,139.3823	0.1177	0.1126	6,175.8656
Apartments Mid Rise	82391.5	0.8885	7.5929	3.2310	0.0485		0.6139	0.6139		0.6139	0.6139		9,693.1148	9,693.1148	0.1858	0.1777	9,750.7161
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	8445.72	0.0911	0.7783	0.3312	4.9700e-003		0.0629	0.0629		0.0629	0.0629		993.6140	993.6140	0.0190	0.0182	999.5186
Racquet Club	6180.9	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3623.53	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.6481</b>	<b>14.1417</b>	<b>6.4161</b>	<b>0.0899</b>		<b>1.1387</b>	<b>1.1387</b>		<b>1.1387</b>	<b>1.1387</b>		<b>17,979.5739</b>	<b>17,979.5739</b>	<b>0.3446</b>	<b>0.3296</b>	<b>18,086.4175</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	52.1847	0.5628	4.8092	2.0465	0.0307		0.3888	0.3888		0.3888	0.3888		6,139.3823	6,139.3823	0.1177	0.1126	6,175.8656
Apartments Mid Rise	82.3915	0.8885	7.5929	3.2310	0.0485		0.6139	0.6139		0.6139	0.6139		9,693.1148	9,693.1148	0.1858	0.1777	9,750.7161
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	8.44572	0.0911	0.7783	0.3312	4.9700e-003		0.0629	0.0629		0.0629	0.0629		993.6140	993.6140	0.0190	0.0182	999.5186
Racquet Club	6.1809	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3.62353	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.6481</b>	<b>14.1417</b>	<b>6.4161</b>	<b>0.0899</b>		<b>1.1387</b>	<b>1.1387</b>		<b>1.1387</b>	<b>1.1387</b>		<b>17,979.5739</b>	<b>17,979.5739</b>	<b>0.3446</b>	<b>0.3296</b>	<b>18,086.4175</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	141.2369	4.6479	402.8745	0.0214		2.2420	2.2420		2.2420	2.2420	0.0000	727.9909	727.9909	0.6931	0.0000	745.3194
Unmitigated	141.2369	4.6479	402.8745	0.0214		2.2420	2.2420		2.2420	2.2420	0.0000	727.9909	727.9909	0.6931	0.0000	745.3194

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	17.5800					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	111.6086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0482	4.6479	402.8745	0.0214		2.2420	2.2420		2.2420	2.2420		727.9909	727.9909	0.6931		745.3194
<b>Total</b>	<b>141.2369</b>	<b>4.6479</b>	<b>402.8745</b>	<b>0.0214</b>		<b>2.2420</b>	<b>2.2420</b>		<b>2.2420</b>	<b>2.2420</b>	<b>0.0000</b>	<b>727.9909</b>	<b>727.9909</b>	<b>0.6931</b>	<b>0.0000</b>	<b>745.3194</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	17.5800					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	111.6086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0482	4.6479	402.8745	0.0214		2.2420	2.2420		2.2420	2.2420		727.9909	727.9909	0.6931		745.3194
<b>Total</b>	<b>141.2369</b>	<b>4.6479</b>	<b>402.8745</b>	<b>0.0214</b>		<b>2.2420</b>	<b>2.2420</b>		<b>2.2420</b>	<b>2.2420</b>	<b>0.0000</b>	<b>727.9909</b>	<b>727.9909</b>	<b>0.6931</b>	<b>0.0000</b>	<b>745.3194</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

### West Broadway\_Construction Sacramento County, Summer

## 1.0 Project Characteristics

### 1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	79.50	Acre	79.50	3,463,020.00	0
Racquet Club	63.00	1000sqft	1.45	63,000.00	0
Apartments Low Rise	1,665.00	Dwelling Unit	104.06	1,665,000.00	4446
Apartments Mid Rise	3,085.00	Dwelling Unit	81.18	3,085,000.00	8237
Condo/Townhouse	150.00	Dwelling Unit	9.38	150,000.00	401
Regional Shopping Center	244.02	1000sqft	5.60	244,020.00	0

### 1.2 Other Project Characteristics

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.5	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	6			<b>Operational Year</b>	2035
<b>Utility Company</b>	Sacramento Municipal Utility District				
<b>CO2 Intensity (lb/MW hr)</b>	143.85	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

### 1.3 User Entered Comments & Non-Default Data

Vehicle Trips - Adjusted to match project VMT based on project traffic modeling

Construction Phase - Architectural coatingm (painting) phase assumed to begin in 2025 and end in 2035 with full project buildout. Demolition assumed to occur between 2020 and 2035.

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	330.00	2,678.00
tblConstructionPhase	NumDays	4,650.00	2,563.00
tblEnergyUse	T24E	511.12	240.20
tblEnergyUse	T24E	460.92	322.60
tblEnergyUse	T24E	381.61	267.10
tblEnergyUse	T24E	3.41	2.40
tblEnergyUse	T24E	3.26	2.30
tblEnergyUse	T24NG	9,411.72	8,752.90
tblProjectCharacteristics	CO2IntensityFactor	590.31	143.85
tblVehicleTrips	CW_TL	10.00	10.55
tblVehicleTrips	HW_TL	10.00	1.00
tblVehicleTrips	HW_TL	10.00	6.56

## 2.0 Emissions Summary

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### 2.1 Overall Construction (Maximum Daily Emission)

#### Unmitigated Construction

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.4031	34.1972	22.4625	0.0428	0.9636	1.6630	2.6266	0.1669	1.5460	1.7128	0.0000	4,161.0109	4,161.0109	1.0780	0.0000	4,187.9619
2021	4.2713	46.4409	31.4768	0.0636	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,160.3393	6,160.3393	1.9469	0.0000	6,209.0112
2022	3.6996	38.8804	29.5925	0.0636	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,159.2088	6,159.2088	1.9479	0.0000	6,207.9058
2023	21.9481	115.3352	169.1809	0.6640	45.5669	1.4255	46.6448	12.2415	1.3114	13.2528	0.0000	67,786.7184	67,786.7184	2.8674	0.0000	67,858.4020
2024	20.6404	111.8506	158.2090	0.6480	45.5662	0.9797	46.5459	12.2412	0.9187	13.1599	0.0000	66,209.1097	66,209.1097	2.7646	0.0000	66,278.2235
2025	46.7719	111.0536	172.2656	0.7022	53.3019	0.9824	54.2844	14.2931	0.9233	15.2164	0.0000	71,605.7582	71,605.7582	2.8262	0.0000	71,676.4135
2026	45.6729	108.7606	162.2609	0.6856	53.3014	0.9679	54.2693	14.2929	0.9097	15.2026	0.0000	69,960.7307	69,960.7307	2.7380	0.0000	70,029.1806
2027	44.6093	106.6689	153.2674	0.6707	53.3009	0.9490	54.2500	14.2928	0.8921	15.1848	0.0000	68,482.8977	68,482.8977	2.6573	0.0000	68,549.3305
2028	43.5357	104.8585	145.3704	0.6575	53.3005	0.9269	54.2274	14.2926	0.8715	15.1641	0.0000	67,176.8259	67,176.8259	2.5857	0.0000	67,241.4677
2029	42.3827	103.1462	137.8953	0.6458	53.3001	0.9053	54.2055	14.2925	0.8515	15.1439	0.0000	66,017.6052	66,017.6052	2.5168	0.0000	66,080.5257
2030	41.1706	96.7372	131.2859	0.6395	53.2998	0.4743	53.7741	14.2924	0.4532	14.7455	0.0000	65,337.1091	65,337.1091	1.9648	0.0000	65,386.2285
2031	40.0085	95.2814	125.0098	0.6305	53.2996	0.4552	53.7547	14.2923	0.4354	14.7277	0.0000	64,444.6690	64,444.6690	1.9066	0.0000	64,492.3342
2032	38.9679	93.9572	119.5149	0.6227	53.2993	0.4379	53.7373	14.2922	0.4194	14.7116	0.0000	63,672.6419	63,672.6419	1.8558	0.0000	63,719.0375
2033	38.1131	92.8077	114.8778	0.6160	53.2991	0.4226	53.7217	14.2921	0.4052	14.6973	0.0000	63,006.3906	63,006.3906	1.8129	0.0000	63,051.7138
2034	27.1805	8.6423	30.5221	0.0843	7.8504	0.3781	8.2286	2.0824	0.3760	2.4584	0.0000	8,255.3682	8,255.3682	0.1993	0.0000	8,260.3503
2035	25.6512	1.3782	13.8920	0.0547	7.7363	0.0350	7.7713	2.0521	0.0330	2.0851	0.0000	5,447.5280	5,447.5280	0.0685	0.0000	5,449.2416
<b>Maximum</b>	<b>46.7719</b>	<b>115.3352</b>	<b>172.2656</b>	<b>0.7022</b>	<b>53.3019</b>	<b>2.0454</b>	<b>54.2844</b>	<b>14.2931</b>	<b>1.8818</b>	<b>15.2164</b>	<b>0.0000</b>	<b>71,605.7582</b>	<b>71,605.7582</b>	<b>2.8674</b>	<b>0.0000</b>	<b>71,676.4135</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

## **2.1 Overall Construction (Maximum Daily Emission)**

### **Mitigated Construction**

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.4031	34.1972	22.4625	0.0428	0.9636	1.6630	2.6266	0.1669	1.5460	1.7128	0.0000	4,161.0109	4,161.0109	1.0780	0.0000	4,187.9619
2021	4.2713	46.4409	31.4768	0.0636	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,160.3392	6,160.3392	1.9469	0.0000	6,209.0112
2022	3.6996	38.8804	29.5925	0.0636	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,159.2088	6,159.2088	1.9479	0.0000	6,207.9058
2023	21.9481	115.3352	169.1809	0.6640	45.5669	1.4255	46.6448	12.2415	1.3114	13.2528	0.0000	67,786.7184	67,786.7184	2.8674	0.0000	67,858.4020
2024	20.6404	111.8506	158.2090	0.6480	45.5662	0.9797	46.5459	12.2412	0.9187	13.1599	0.0000	66,209.1097	66,209.1097	2.7646	0.0000	66,278.2235
2025	46.7719	111.0536	172.2656	0.7022	53.3019	0.9824	54.2844	14.2931	0.9233	15.2164	0.0000	71,605.7582	71,605.7582	2.8262	0.0000	71,676.4135
2026	45.6729	108.7606	162.2609	0.6856	53.3014	0.9679	54.2693	14.2929	0.9097	15.2026	0.0000	69,960.7307	69,960.7307	2.7380	0.0000	70,029.1806
2027	44.6093	106.6689	153.2674	0.6707	53.3009	0.9490	54.2500	14.2928	0.8921	15.1848	0.0000	68,482.8977	68,482.8977	2.6573	0.0000	68,549.3305
2028	43.5357	104.8585	145.3704	0.6575	53.3005	0.9269	54.2274	14.2926	0.8715	15.1641	0.0000	67,176.8259	67,176.8259	2.5857	0.0000	67,241.4677
2029	42.3827	103.1462	137.8953	0.6458	53.3001	0.9053	54.2055	14.2925	0.8515	15.1439	0.0000	66,017.6052	66,017.6052	2.5168	0.0000	66,080.5257
2030	41.1706	96.7372	131.2859	0.6395	53.2998	0.4743	53.7741	14.2924	0.4532	14.7455	0.0000	65,337.1091	65,337.1091	1.9648	0.0000	65,386.2285
2031	40.0085	95.2814	125.0098	0.6305	53.2996	0.4552	53.7547	14.2923	0.4354	14.7277	0.0000	64,444.6690	64,444.6690	1.9066	0.0000	64,492.3342
2032	38.9679	93.9572	119.5149	0.6227	53.2993	0.4379	53.7373	14.2922	0.4194	14.7116	0.0000	63,672.6419	63,672.6419	1.8558	0.0000	63,719.0375
2033	38.1131	92.8077	114.8778	0.6160	53.2991	0.4226	53.7217	14.2921	0.4052	14.6973	0.0000	63,006.3906	63,006.3906	1.8129	0.0000	63,051.7138
2034	27.1805	8.6423	30.5221	0.0843	7.8504	0.3781	8.2286	2.0824	0.3760	2.4584	0.0000	8,255.3682	8,255.3682	0.1993	0.0000	8,260.3503
2035	25.6512	1.3782	13.8920	0.0547	7.7363	0.0350	7.7713	2.0521	0.0330	2.0851	0.0000	5,447.5280	5,447.5280	0.0685	0.0000	5,449.2416
<b>Maximum</b>	<b>46.7719</b>	<b>115.3352</b>	<b>172.2656</b>	<b>0.7022</b>	<b>53.3019</b>	<b>2.0454</b>	<b>54.2844</b>	<b>14.2931</b>	<b>1.8818</b>	<b>15.2164</b>	<b>0.0000</b>	<b>71,605.7582</b>	<b>71,605.7582</b>	<b>2.8674</b>	<b>0.0000</b>	<b>71,676.4135</b>





West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	141.2369	4.6479	402.8745	0.0214		2.2420	2.2420		2.2420	2.2420	0.0000	727.9909	727.9909	0.6931	0.0000	745.3194
Energy	1.6481	14.1417	6.4161	0.0899		1.1387	1.1387		1.1387	1.1387		17,979.5739	17,979.5739	0.3446	0.3296	18,086.4175
Mobile	44.6676	174.2812	366.0337	1.5749	171.4588	0.7770	172.2358	45.7769	0.7216	46.4985		160,603.1605	160,603.1605	5.9416		160,751.7014
<b>Total</b>	<b>187.5527</b>	<b>193.0708</b>	<b>775.3244</b>	<b>1.6862</b>	<b>171.4588</b>	<b>4.1576</b>	<b>175.6165</b>	<b>45.7769</b>	<b>4.1022</b>	<b>49.8791</b>	<b>0.0000</b>	<b>179,310.7252</b>	<b>179,310.7252</b>	<b>6.9794</b>	<b>0.3296</b>	<b>179,583.4383</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	141.2369	4.6479	402.8745	0.0214		2.2420	2.2420		2.2420	2.2420	0.0000	727.9909	727.9909	0.6931	0.0000	745.3194
Energy	1.6481	14.1417	6.4161	0.0899		1.1387	1.1387		1.1387	1.1387		17,979.5739	17,979.5739	0.3446	0.3296	18,086.4175
Mobile	44.3282	172.7875	356.8222	1.5299	166.0133	0.7575	166.7708	44.3230	0.7034	45.0264		156,025.7392	156,025.7392	5.8114		156,171.0244
<b>Total</b>	<b>187.2132</b>	<b>191.5771</b>	<b>766.1128</b>	<b>1.6412</b>	<b>166.0133</b>	<b>4.1381</b>	<b>170.1514</b>	<b>44.3230</b>	<b>4.0841</b>	<b>48.4071</b>	<b>0.0000</b>	<b>174,733.3039</b>	<b>174,733.3039</b>	<b>6.8492</b>	<b>0.3296</b>	<b>175,002.7613</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.18	0.77	1.19	2.67	3.18	0.47	3.11	3.18	0.44	2.95	0.00	2.55	2.55	1.87	0.00	2.55

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	2/23/2021	5	300	
2	Site Preparation	Site Preparation	2/24/2021	11/2/2021	5	180	
3	Grading	Grading	11/3/2021	8/15/2023	5	465	
4	Building Construction	Building Construction	8/16/2023	6/11/2033	5	2563	
5	Paving	Paving	6/12/2033	9/15/2034	5	330	
6	Architectural Coating	Architectural Coating	9/17/2025	12/22/2035	5	2678	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 460,530; Non-Residential Outdoor: 153,510; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	1,040.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,087.00	1,142.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,017.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>		<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0263	0.9619	0.2196	2.7500e-003	0.0670	3.5200e-003	0.0705	0.0181	3.3600e-003	0.0215		294.2791	294.2791	0.0167		294.6961
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0343	0.4898	1.2000e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		119.0269	119.0269	3.4100e-003		119.1122
<b>Total</b>	<b>0.0910</b>	<b>0.9962</b>	<b>0.7093</b>	<b>3.9500e-003</b>	<b>0.1811</b>	<b>4.3100e-003</b>	<b>0.1854</b>	<b>0.0484</b>	<b>4.0900e-003</b>	<b>0.0525</b>		<b>413.3060</b>	<b>413.3060</b>	<b>0.0201</b>		<b>413.8083</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>	<b>0.0000</b>	<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0263	0.9619	0.2196	2.7500e-003	0.0670	3.5200e-003	0.0705	0.0181	3.3600e-003	0.0215		294.2791	294.2791	0.0167		294.6961
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0343	0.4898	1.2000e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		119.0269	119.0269	3.4100e-003		119.1122
<b>Total</b>	<b>0.0910</b>	<b>0.9962</b>	<b>0.7093</b>	<b>3.9500e-003</b>	<b>0.1811</b>	<b>4.3100e-003</b>	<b>0.1854</b>	<b>0.0484</b>	<b>4.0900e-003</b>	<b>0.0525</b>		<b>413.3060</b>	<b>413.3060</b>	<b>0.0201</b>		<b>413.8083</b>

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>		<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0244	0.8847	0.2035	2.7100e-003	0.3763	3.0900e-003	0.3794	0.0941	2.9600e-003	0.0970		290.8768	290.8768	0.0164		291.2859
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0601	0.0308	0.4487	1.1500e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		114.9719	114.9719	3.0600e-003		115.0483
<b>Total</b>	<b>0.0845</b>	<b>0.9155</b>	<b>0.6523</b>	<b>3.8600e-003</b>	<b>0.4904</b>	<b>3.8600e-003</b>	<b>0.4943</b>	<b>0.1243</b>	<b>3.6700e-003</b>	<b>0.1280</b>		<b>405.8487</b>	<b>405.8487</b>	<b>0.0194</b>		<b>406.3343</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>	<b>0.0000</b>	<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>



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**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0244	0.8847	0.2035	2.7100e-003	0.3763	3.0900e-003	0.3794	0.0941	2.9600e-003	0.0970		290.8768	290.8768	0.0164		291.2859
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0601	0.0308	0.4487	1.1500e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		114.9719	114.9719	3.0600e-003		115.0483
<b>Total</b>	<b>0.0845</b>	<b>0.9155</b>	<b>0.6523</b>	<b>3.8600e-003</b>	<b>0.4904</b>	<b>3.8600e-003</b>	<b>0.4943</b>	<b>0.1243</b>	<b>3.6700e-003</b>	<b>0.1280</b>		<b>405.8487</b>	<b>405.8487</b>	<b>0.0194</b>		<b>406.3343</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>		<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

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**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0721	0.0369	0.5385	1.3900e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		137.9662	137.9662	3.6700e-003		138.0580
<b>Total</b>	<b>0.0721</b>	<b>0.0369</b>	<b>0.5385</b>	<b>1.3900e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>137.9662</b>	<b>137.9662</b>	<b>3.6700e-003</b>		<b>138.0580</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>	<b>0.0000</b>	<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0721	0.0369	0.5385	1.3900e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		137.9662	137.9662	3.6700e-003		138.0580
<b>Total</b>	<b>0.0721</b>	<b>0.0369</b>	<b>0.5385</b>	<b>1.3900e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>137.9662</b>	<b>137.9662</b>	<b>3.6700e-003</b>		<b>138.0580</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>		<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

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**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0410	0.5983	1.5400e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		153.2958	153.2958	4.0800e-003		153.3978
<b>Total</b>	<b>0.0802</b>	<b>0.0410</b>	<b>0.5983</b>	<b>1.5400e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>153.2958</b>	<b>153.2958</b>	<b>4.0800e-003</b>		<b>153.3978</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>	<b>0.0000</b>	<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

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**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0802	0.0410	0.5983	1.5400e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		153.2958	153.2958	4.0800e-003		153.3978
<b>Total</b>	<b>0.0802</b>	<b>0.0410</b>	<b>0.5983</b>	<b>1.5400e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>153.2958</b>	<b>153.2958</b>	<b>4.0800e-003</b>		<b>153.3978</b>

**3.4 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>		<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

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**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0748	0.0369	0.5510	1.4800e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		147.7983	147.7983	3.6700e-003		147.8899
<b>Total</b>	<b>0.0748</b>	<b>0.0369</b>	<b>0.5510</b>	<b>1.4800e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>147.7983</b>	<b>147.7983</b>	<b>3.6700e-003</b>		<b>147.8899</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>	<b>0.0000</b>	<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0748	0.0369	0.5510	1.4800e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		147.7983	147.7983	3.6700e-003		147.8899
<b>Total</b>	<b>0.0748</b>	<b>0.0369</b>	<b>0.5510</b>	<b>1.4800e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>147.7983</b>	<b>147.7983</b>	<b>3.6700e-003</b>		<b>147.8899</b>

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>		<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.4 Grading - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0699	0.0332	0.5072	1.4300e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		142.2416	142.2416	3.2900e-003		142.3238
<b>Total</b>	<b>0.0699</b>	<b>0.0332</b>	<b>0.5072</b>	<b>1.4300e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>142.2416</b>	<b>142.2416</b>	<b>3.2900e-003</b>		<b>142.3238</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>	<b>0.0000</b>	<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.4 Grading - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0699	0.0332	0.5072	1.4300e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		142.2416	142.2416	3.2900e-003		142.3238
<b>Total</b>	<b>0.0699</b>	<b>0.0332</b>	<b>0.5072</b>	<b>1.4300e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>142.2416</b>	<b>142.2416</b>	<b>3.2900e-003</b>		<b>142.3238</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5877	92.5010	23.9389	0.2738	6.8701	0.1300	7.0001	1.9768	0.1243	2.1011		29,052.34 65	29,052.34 65	1.4235		29,087.93 42
Worker	17.7877	8.4494	128.9980	0.3632	38.6968	0.2482	38.9450	10.2647	0.2286	10.4933		36,179.16 20	36,179.16 20	0.8360		36,200.06 18
<b>Total</b>	<b>20.3753</b>	<b>100.9503</b>	<b>152.9369</b>	<b>0.6370</b>	<b>45.5669</b>	<b>0.3782</b>	<b>45.9451</b>	<b>12.2415</b>	<b>0.3529</b>	<b>12.5944</b>		<b>65,231.50 85</b>	<b>65,231.50 85</b>	<b>2.2595</b>		<b>65,287.99 60</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.209 9	2,555.209 9	0.6079		2,570.406 1
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.209 9</b>	<b>2,555.209 9</b>	<b>0.6079</b>		<b>2,570.406 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5877	92.5010	23.9389	0.2738	6.8701	0.1300	7.0001	1.9768	0.1243	2.1011		29,052.3465	29,052.3465	1.4235		29,087.9342
Worker	17.7877	8.4494	128.9980	0.3632	38.6968	0.2482	38.9450	10.2647	0.2286	10.4933		36,179.1620	36,179.1620	0.8360		36,200.0618
<b>Total</b>	<b>20.3753</b>	<b>100.9503</b>	<b>152.9369</b>	<b>0.6370</b>	<b>45.5669</b>	<b>0.3782</b>	<b>45.9451</b>	<b>12.2415</b>	<b>0.3529</b>	<b>12.5944</b>		<b>65,231.5085</b>	<b>65,231.5085</b>	<b>2.2595</b>		<b>65,287.9960</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>		<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4656	90.7676	22.3756	0.2721	6.8695	0.1236	6.9931	1.9766	0.1182	2.0948		28,882.49 30	28,882.49 30	1.4061		28,917.64 41
Worker	16.7032	7.6393	119.6666	0.3490	38.6968	0.2427	38.9395	10.2647	0.2236	10.4882		34,770.91 78	34,770.91 78	0.7542		34,789.77 17
<b>Total</b>	<b>19.1689</b>	<b>98.4069</b>	<b>142.0422</b>	<b>0.6210</b>	<b>45.5662</b>	<b>0.3664</b>	<b>45.9326</b>	<b>12.2412</b>	<b>0.3418</b>	<b>12.5830</b>		<b>63,653.41 08</b>	<b>63,653.41 08</b>	<b>2.1602</b>		<b>63,707.41 58</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.698 9	2,555.698 9	0.6044		2,570.807 7
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>	<b>0.0000</b>	<b>2,555.698 9</b>	<b>2,555.698 9</b>	<b>0.6044</b>		<b>2,570.807 7</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4656	90.7676	22.3756	0.2721	6.8695	0.1236	6.9931	1.9766	0.1182	2.0948		28,882.49 30	28,882.49 30	1.4061		28,917.64 41
Worker	16.7032	7.6393	119.6666	0.3490	38.6968	0.2427	38.9395	10.2647	0.2236	10.4882		34,770.91 78	34,770.91 78	0.7542		34,789.77 17
<b>Total</b>	<b>19.1689</b>	<b>98.4069</b>	<b>142.0422</b>	<b>0.6210</b>	<b>45.5662</b>	<b>0.3664</b>	<b>45.9326</b>	<b>12.2412</b>	<b>0.3418</b>	<b>12.5830</b>		<b>63,653.41 08</b>	<b>63,653.41 08</b>	<b>2.1602</b>		<b>63,707.41 58</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3647	89.1123	21.1869	0.2704	6.8689	0.1175	6.9864	1.9763	0.1123	2.0887		28,718.07 87	28,718.07 87	1.3895		28,752.81 67
Worker	15.7578	6.9389	110.9947	0.3349	38.6968	0.2382	38.9350	10.2647	0.2193	10.4840		33,376.98 46	33,376.98 46	0.6837		33,394.07 73
<b>Total</b>	<b>18.1225</b>	<b>96.0512</b>	<b>132.1816</b>	<b>0.6053</b>	<b>45.5656</b>	<b>0.3557</b>	<b>45.9214</b>	<b>12.2410</b>	<b>0.3317</b>	<b>12.5727</b>		<b>62,095.06 33</b>	<b>62,095.06 33</b>	<b>2.0732</b>		<b>62,146.89 40</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3647	89.1123	21.1869	0.2704	6.8689	0.1175	6.9864	1.9763	0.1123	2.0887		28,718.07 87	28,718.07 87	1.3895		28,752.81 67
Worker	15.7578	6.9389	110.9947	0.3349	38.6968	0.2382	38.9350	10.2647	0.2193	10.4840		33,376.98 46	33,376.98 46	0.6837		33,394.07 73
<b>Total</b>	<b>18.1225</b>	<b>96.0512</b>	<b>132.1816</b>	<b>0.6053</b>	<b>45.5656</b>	<b>0.3557</b>	<b>45.9214</b>	<b>12.2410</b>	<b>0.3317</b>	<b>12.5727</b>		<b>62,095.06 33</b>	<b>62,095.06 33</b>	<b>2.0732</b>		<b>62,146.89 40</b>

**3.5 Building Construction - 2026**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2758	87.5374	20.2226	0.2688	6.8683	0.1114	6.9797	1.9761	0.1065	2.0826		28,561.7402	28,561.7402	1.3745		28,596.1031
Worker	14.9160	6.3404	103.4605	0.3224	38.6968	0.2312	38.9280	10.2647	0.2129	10.4776		32,136.3292	32,136.3292	0.6227		32,151.8964
<b>Total</b>	<b>17.1917</b>	<b>93.8778</b>	<b>123.6831</b>	<b>0.5912</b>	<b>45.5651</b>	<b>0.3426</b>	<b>45.9077</b>	<b>12.2408</b>	<b>0.3193</b>	<b>12.5601</b>		<b>60,698.0694</b>	<b>60,698.0694</b>	<b>1.9972</b>		<b>60,747.9995</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2758	87.5374	20.2226	0.2688	6.8683	0.1114	6.9797	1.9761	0.1065	2.0826		28,561.7402	28,561.7402	1.3745		28,596.1031
Worker	14.9160	6.3404	103.4605	0.3224	38.6968	0.2312	38.9280	10.2647	0.2129	10.4776		32,136.3292	32,136.3292	0.6227		32,151.8964
<b>Total</b>	<b>17.1917</b>	<b>93.8778</b>	<b>123.6831</b>	<b>0.5912</b>	<b>45.5651</b>	<b>0.3426</b>	<b>45.9077</b>	<b>12.2408</b>	<b>0.3193</b>	<b>12.5601</b>		<b>60,698.0694</b>	<b>60,698.0694</b>	<b>1.9972</b>		<b>60,747.9995</b>

**3.5 Building Construction - 2027**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2027**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1975	86.0903	19.3846	0.2673	6.8678	0.1062	6.9740	1.9759	0.1015	2.0774		28,414.7788	28,414.7788	1.3599		28,448.7761
Worker	14.0948	5.8032	96.6638	0.3112	38.6968	0.2199	38.9166	10.2647	0.2024	10.4670		31,027.1969	31,027.1969	0.5676		31,041.3878
<b>Total</b>	<b>16.2923</b>	<b>91.8935</b>	<b>116.0484</b>	<b>0.5785</b>	<b>45.5646</b>	<b>0.3260</b>	<b>45.8906</b>	<b>12.2406</b>	<b>0.3039</b>	<b>12.5445</b>		<b>59,441.9757</b>	<b>59,441.9757</b>	<b>1.9275</b>		<b>59,490.1639</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2027**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1975	86.0903	19.3846	0.2673	6.8678	0.1062	6.9740	1.9759	0.1015	2.0774		28,414.7788	28,414.7788	1.3599		28,448.7761
Worker	14.0948	5.8032	96.6638	0.3112	38.6968	0.2199	38.9166	10.2647	0.2024	10.4670		31,027.1969	31,027.1969	0.5676		31,041.3878
<b>Total</b>	<b>16.2923</b>	<b>91.8935</b>	<b>116.0484</b>	<b>0.5785</b>	<b>45.5646</b>	<b>0.3260</b>	<b>45.8906</b>	<b>12.2406</b>	<b>0.3039</b>	<b>12.5445</b>		<b>59,441.9757</b>	<b>59,441.9757</b>	<b>1.9275</b>		<b>59,490.1639</b>

**3.5 Building Construction - 2028**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2028**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1285	84.8521	18.6791	0.2661	6.8674	0.1016	6.9690	1.9758	0.0971	2.0729		28,289.04 31	28,289.04 31	1.3451		28,322.67 14
Worker	13.2577	5.3264	90.6706	0.3013	38.6968	0.2052	38.9020	10.2647	0.1888	10.4535		30,043.51 90	30,043.51 90	0.5202		30,056.52 48
<b>Total</b>	<b>15.3861</b>	<b>90.1785</b>	<b>109.3497</b>	<b>0.5674</b>	<b>45.5642</b>	<b>0.3068</b>	<b>45.8710</b>	<b>12.2405</b>	<b>0.2860</b>	<b>12.5264</b>		<b>58,332.56 21</b>	<b>58,332.56 21</b>	<b>1.8654</b>		<b>58,379.19 62</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2028**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1285	84.8521	18.6791	0.2661	6.8674	0.1016	6.9690	1.9758	0.0971	2.0729		28,289.04 31	28,289.04 31	1.3451		28,322.67 14
Worker	13.2577	5.3264	90.6706	0.3013	38.6968	0.2052	38.9020	10.2647	0.1888	10.4535		30,043.51 90	30,043.51 90	0.5202		30,056.52 48
<b>Total</b>	<b>15.3861</b>	<b>90.1785</b>	<b>109.3497</b>	<b>0.5674</b>	<b>45.5642</b>	<b>0.3068</b>	<b>45.8710</b>	<b>12.2405</b>	<b>0.2860</b>	<b>12.5264</b>		<b>58,332.56 21</b>	<b>58,332.56 21</b>	<b>1.8654</b>		<b>58,379.19 62</b>

**3.5 Building Construction - 2029**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2029**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0661	83.6727	18.0909	0.2649	6.8671	0.0969	6.9640	1.9757	0.0927	2.0683		28,174.6093	28,174.6093	1.3304		28,207.8701
Worker	12.3487	4.8823	84.9311	0.2925	38.6968	0.1911	38.8879	10.2647	0.1759	10.4406		29,172.8061	29,172.8061	0.4751		29,184.6838
<b>Total</b>	<b>14.4148</b>	<b>88.5550</b>	<b>103.0220</b>	<b>0.5574</b>	<b>45.5638</b>	<b>0.2881</b>	<b>45.8519</b>	<b>12.2403</b>	<b>0.2685</b>	<b>12.5089</b>		<b>57,347.4154</b>	<b>57,347.4154</b>	<b>1.8055</b>		<b>57,392.5539</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2029**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0661	83.6727	18.0909	0.2649	6.8671	0.0969	6.9640	1.9757	0.0927	2.0683		28,174.6093	28,174.6093	1.3304		28,207.8701
Worker	12.3487	4.8823	84.9311	0.2925	38.6968	0.1911	38.8879	10.2647	0.1759	10.4406		29,172.8061	29,172.8061	0.4751		29,184.6838
<b>Total</b>	<b>14.4148</b>	<b>88.5550</b>	<b>103.0220</b>	<b>0.5574</b>	<b>45.5638</b>	<b>0.2881</b>	<b>45.8519</b>	<b>12.2403</b>	<b>0.2685</b>	<b>12.5089</b>		<b>57,347.4154</b>	<b>57,347.4154</b>	<b>1.8055</b>		<b>57,392.5539</b>

**3.5 Building Construction - 2030**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2030**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0100	82.5687	17.6081	0.2639	6.8667	0.0922	6.9590	1.9755	0.0882	2.0637		28,072.63 94	28,072.63 94	1.3152		28,105.51 88
Worker	11.4673	4.4816	79.7744	0.2848	38.6968	0.1780	38.8748	10.2647	0.1638	10.4285		28,406.42 38	28,406.42 38	0.4350		28,417.29 88
<b>Total</b>	<b>13.4773</b>	<b>87.0504</b>	<b>97.3825</b>	<b>0.5487</b>	<b>45.5635</b>	<b>0.2703</b>	<b>45.8338</b>	<b>12.2402</b>	<b>0.2520</b>	<b>12.4922</b>		<b>56,479.06 32</b>	<b>56,479.06 32</b>	<b>1.7502</b>		<b>56,522.81 76</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2030**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0100	82.5687	17.6081	0.2639	6.8667	0.0922	6.9590	1.9755	0.0882	2.0637		28,072.63 94	28,072.63 94	1.3152		28,105.51 88
Worker	11.4673	4.4816	79.7744	0.2848	38.6968	0.1780	38.8748	10.2647	0.1638	10.4285		28,406.42 38	28,406.42 38	0.4350		28,417.29 88
<b>Total</b>	<b>13.4773</b>	<b>87.0504</b>	<b>97.3825</b>	<b>0.5487</b>	<b>45.5635</b>	<b>0.2703</b>	<b>45.8338</b>	<b>12.2402</b>	<b>0.2520</b>	<b>12.4922</b>		<b>56,479.06 32</b>	<b>56,479.06 32</b>	<b>1.7502</b>		<b>56,522.81 76</b>

**3.5 Building Construction - 2031**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2031**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9625	81.5660	17.2135	0.2630	6.8665	0.0880	6.9545	1.9754	0.0842	2.0596		27,986.0675	27,986.0675	1.3020		28,018.6176
Worker	10.5385	4.1040	74.8728	0.2780	38.6968	0.1656	38.8624	10.2647	0.1524	10.4170		27,734.8230	27,734.8230	0.3975		27,744.7605
<b>Total</b>	<b>12.5010</b>	<b>85.6700</b>	<b>92.0864</b>	<b>0.5410</b>	<b>45.5632</b>	<b>0.2536</b>	<b>45.8169</b>	<b>12.2401</b>	<b>0.2365</b>	<b>12.4766</b>		<b>55,720.8904</b>	<b>55,720.8904</b>	<b>1.6995</b>		<b>55,763.3780</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2031**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9625	81.5660	17.2135	0.2630	6.8665	0.0880	6.9545	1.9754	0.0842	2.0596		27,986.0675	27,986.0675	1.3020		28,018.6176
Worker	10.5385	4.1040	74.8728	0.2780	38.6968	0.1656	38.8624	10.2647	0.1524	10.4170		27,734.8230	27,734.8230	0.3975		27,744.7605
<b>Total</b>	<b>12.5010</b>	<b>85.6700</b>	<b>92.0864</b>	<b>0.5410</b>	<b>45.5632</b>	<b>0.2536</b>	<b>45.8169</b>	<b>12.2401</b>	<b>0.2365</b>	<b>12.4766</b>		<b>55,720.8904</b>	<b>55,720.8904</b>	<b>1.6995</b>		<b>55,763.3780</b>

**3.5 Building Construction - 2032**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2032**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9228	80.6329	16.9014	0.2623	6.8662	0.0846	6.9509	1.9754	0.0809	2.0563		27,915.48 58	27,915.48 58	1.2904		27,947.74 56
Worker	9.7043	3.7780	70.5536	0.2721	38.6968	0.1541	38.8508	10.2647	0.1417	10.4064		27,150.24 68	27,150.24 68	0.3649		27,159.36 81
<b>Total</b>	<b>11.6271</b>	<b>84.4110</b>	<b>87.4550</b>	<b>0.5344</b>	<b>45.5630</b>	<b>0.2387</b>	<b>45.8017</b>	<b>12.2400</b>	<b>0.2226</b>	<b>12.4627</b>		<b>55,065.73 26</b>	<b>55,065.73 26</b>	<b>1.6552</b>		<b>55,107.11 38</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2032**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9228	80.6329	16.9014	0.2623	6.8662	0.0846	6.9509	1.9754	0.0809	2.0563		27,915.48 58	27,915.48 58	1.2904		27,947.74 56
Worker	9.7043	3.7780	70.5536	0.2721	38.6968	0.1541	38.8508	10.2647	0.1417	10.4064		27,150.24 68	27,150.24 68	0.3649		27,159.36 81
<b>Total</b>	<b>11.6271</b>	<b>84.4110</b>	<b>87.4550</b>	<b>0.5344</b>	<b>45.5630</b>	<b>0.2387</b>	<b>45.8017</b>	<b>12.2400</b>	<b>0.2226</b>	<b>12.4627</b>		<b>55,065.73 26</b>	<b>55,065.73 26</b>	<b>1.6552</b>		<b>55,107.11 38</b>

**3.5 Building Construction - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.8894	79.8044	16.6365	0.2617	6.8660	0.0817	6.9478	1.9753	0.0781	2.0534		27,854.00 27	27,854.00 27	1.2801		27,886.00 56
Worker	9.0198	3.5106	66.9099	0.2670	38.6968	0.1437	38.8405	10.2647	0.1322	10.3969		26,646.24 03	26,646.24 03	0.3377		26,654.68 20
<b>Total</b>	<b>10.9091</b>	<b>83.3149</b>	<b>83.5464</b>	<b>0.5287</b>	<b>45.5628</b>	<b>0.2254</b>	<b>45.7883</b>	<b>12.2400</b>	<b>0.2103</b>	<b>12.4503</b>		<b>54,500.24 30</b>	<b>54,500.24 30</b>	<b>1.6178</b>		<b>54,540.68 76</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.5 Building Construction - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	1.8894	79.8044	16.6365	0.2617	6.8660	0.0817	6.9478	1.9753	0.0781	2.0534		27,854.00 27	27,854.00 27	1.2801			27,886.00 56
Worker	9.0198	3.5106	66.9099	0.2670	38.6968	0.1437	38.8405	10.2647	0.1322	10.3969		26,646.24 03	26,646.24 03	0.3377			26,654.68 20
<b>Total</b>	<b>10.9091</b>	<b>83.3149</b>	<b>83.5464</b>	<b>0.5287</b>	<b>45.5628</b>	<b>0.2254</b>	<b>45.7883</b>	<b>12.2400</b>	<b>0.2103</b>	<b>12.4503</b>		<b>54,500.24 30</b>	<b>54,500.24 30</b>	<b>1.6178</b>			<b>54,540.68 76</b>

**3.6 Paving - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.516 8	2,656.516 8	0.1245			2,659.630 2
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
<b>Total</b>	<b>1.3845</b>	<b>7.1202</b>	<b>15.8495</b>	<b>0.0281</b>		<b>0.3306</b>	<b>0.3306</b>		<b>0.3306</b>	<b>0.3306</b>		<b>2,656.516 8</b>	<b>2,656.516 8</b>	<b>0.1245</b>			<b>2,659.630 2</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.6 Paving - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0266	0.0104	0.1973	7.9000e-004	0.1141	4.2000e-004	0.1145	0.0303	3.9000e-004	0.0307		78.5716	78.5716	1.0000e-003		78.5965
<b>Total</b>	<b>0.0266</b>	<b>0.0104</b>	<b>0.1973</b>	<b>7.9000e-004</b>	<b>0.1141</b>	<b>4.2000e-004</b>	<b>0.1145</b>	<b>0.0303</b>	<b>3.9000e-004</b>	<b>0.0307</b>		<b>78.5716</b>	<b>78.5716</b>	<b>1.0000e-003</b>		<b>78.5965</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3845</b>	<b>7.1202</b>	<b>15.8495</b>	<b>0.0281</b>		<b>0.3306</b>	<b>0.3306</b>		<b>0.3306</b>	<b>0.3306</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.1245</b>		<b>2,659.6302</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.6 Paving - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0266	0.0104	0.1973	7.9000e-004	0.1141	4.2000e-004	0.1145	0.0303	3.9000e-004	0.0307		78.5716	78.5716	1.0000e-003		78.5965
<b>Total</b>	<b>0.0266</b>	<b>0.0104</b>	<b>0.1973</b>	<b>7.9000e-004</b>	<b>0.1141</b>	<b>4.2000e-004</b>	<b>0.1145</b>	<b>0.0303</b>	<b>3.9000e-004</b>	<b>0.0307</b>		<b>78.5716</b>	<b>78.5716</b>	<b>1.0000e-003</b>		<b>78.5965</b>

**3.6 Paving - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306		2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3845</b>	<b>7.1202</b>	<b>15.8495</b>	<b>0.0281</b>		<b>0.3306</b>	<b>0.3306</b>		<b>0.3306</b>	<b>0.3306</b>		<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.1245</b>		<b>2,659.6302</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.6 Paving - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0248	9.6800e-003	0.1871	7.7000e-004	0.1141	4.0000e-004	0.1145	0.0303	3.6000e-004	0.0306		77.2878	77.2878	9.2000e-004		77.3109
<b>Total</b>	<b>0.0248</b>	<b>9.6800e-003</b>	<b>0.1871</b>	<b>7.7000e-004</b>	<b>0.1141</b>	<b>4.0000e-004</b>	<b>0.1145</b>	<b>0.0303</b>	<b>3.6000e-004</b>	<b>0.0306</b>		<b>77.2878</b>	<b>77.2878</b>	<b>9.2000e-004</b>		<b>77.3109</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3845	7.1202	15.8495	0.0281		0.3306	0.3306		0.3306	0.3306	0.0000	2,656.5168	2,656.5168	0.1245		2,659.6302
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.3845</b>	<b>7.1202</b>	<b>15.8495</b>	<b>0.0281</b>		<b>0.3306</b>	<b>0.3306</b>		<b>0.3306</b>	<b>0.3306</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.1245</b>		<b>2,659.6302</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.6 Paving - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0248	9.6800e-003	0.1871	7.7000e-004	0.1141	4.0000e-004	0.1145	0.0303	3.6000e-004	0.0306		77.2878	77.2878	9.2000e-004		77.3109
<b>Total</b>	<b>0.0248</b>	<b>9.6800e-003</b>	<b>0.1871</b>	<b>7.7000e-004</b>	<b>0.1141</b>	<b>4.0000e-004</b>	<b>0.1145</b>	<b>0.0303</b>	<b>3.6000e-004</b>	<b>0.0306</b>		<b>77.2878</b>	<b>77.2878</b>	<b>9.2000e-004</b>		<b>77.3109</b>

**3.7 Architectural Coating - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>24.1317</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.1503	1.3872	22.1902	0.0670	7.7363	0.0476	7.7839	2.0521	0.0439	2.0960		6,672.772 4	6,672.772 4	0.1367		6,676.189 6
<b>Total</b>	<b>3.1503</b>	<b>1.3872</b>	<b>22.1902</b>	<b>0.0670</b>	<b>7.7363</b>	<b>0.0476</b>	<b>7.7839</b>	<b>2.0521</b>	<b>0.0439</b>	<b>2.0960</b>		<b>6,672.772 4</b>	<b>6,672.772 4</b>	<b>0.1367</b>		<b>6,676.189 6</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>24.1317</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.1503	1.3872	22.1902	0.0670	7.7363	0.0476	7.7839	2.0521	0.0439	2.0960		6,672.7724	6,672.7724	0.1367		6,676.1896
<b>Total</b>	<b>3.1503</b>	<b>1.3872</b>	<b>22.1902</b>	<b>0.0670</b>	<b>7.7363</b>	<b>0.0476</b>	<b>7.7839</b>	<b>2.0521</b>	<b>0.0439</b>	<b>2.0960</b>		<b>6,672.7724</b>	<b>6,672.7724</b>	<b>0.1367</b>		<b>6,676.1896</b>

**3.7 Architectural Coating - 2026**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>24.1317</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.9820	1.2676	20.6840	0.0645	7.7363	0.0462	7.7825	2.0521	0.0426	2.0947		6,424.7389	6,424.7389	0.1245		6,427.8511
<b>Total</b>	<b>2.9820</b>	<b>1.2676</b>	<b>20.6840</b>	<b>0.0645</b>	<b>7.7363</b>	<b>0.0462</b>	<b>7.7825</b>	<b>2.0521</b>	<b>0.0426</b>	<b>2.0947</b>		<b>6,424.7389</b>	<b>6,424.7389</b>	<b>0.1245</b>		<b>6,427.8511</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>24.1317</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.9820	1.2676	20.6840	0.0645	7.7363	0.0462	7.7825	2.0521	0.0426	2.0947		6,424.7389	6,424.7389	0.1245		6,427.8511
<b>Total</b>	<b>2.9820</b>	<b>1.2676</b>	<b>20.6840</b>	<b>0.0645</b>	<b>7.7363</b>	<b>0.0462</b>	<b>7.7825</b>	<b>2.0521</b>	<b>0.0426</b>	<b>2.0947</b>		<b>6,424.7389</b>	<b>6,424.7389</b>	<b>0.1245</b>		<b>6,427.8511</b>

**3.7 Architectural Coating - 2027**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>24.1317</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2027**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.8179	1.1602	19.3252	0.0622	7.7363	0.0440	7.7803	2.0521	0.0405	2.0926		6,202.999 7	6,202.999 7	0.1135		6,205.836 7
<b>Total</b>	<b>2.8179</b>	<b>1.1602</b>	<b>19.3252</b>	<b>0.0622</b>	<b>7.7363</b>	<b>0.0440</b>	<b>7.7803</b>	<b>2.0521</b>	<b>0.0405</b>	<b>2.0926</b>		<b>6,202.999 7</b>	<b>6,202.999 7</b>	<b>0.1135</b>		<b>6,205.836 7</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>24.1317</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2027**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.8179	1.1602	19.3252	0.0622	7.7363	0.0440	7.7803	2.0521	0.0405	2.0926		6,202.9997	6,202.9997	0.1135		6,205.8367
<b>Total</b>	<b>2.8179</b>	<b>1.1602</b>	<b>19.3252</b>	<b>0.0622</b>	<b>7.7363</b>	<b>0.0440</b>	<b>7.7803</b>	<b>2.0521</b>	<b>0.0405</b>	<b>2.0926</b>		<b>6,202.9997</b>	<b>6,202.9997</b>	<b>0.1135</b>		<b>6,205.8367</b>

**3.7 Architectural Coating - 2028**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>24.1317</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2028**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6505	1.0649	18.1270	0.0602	7.7363	0.0410	7.7773	2.0521	0.0378	2.0899		6,006.3414	6,006.3414	0.1040		6,008.9416
<b>Total</b>	<b>2.6505</b>	<b>1.0649</b>	<b>18.1270</b>	<b>0.0602</b>	<b>7.7363</b>	<b>0.0410</b>	<b>7.7773</b>	<b>2.0521</b>	<b>0.0378</b>	<b>2.0899</b>		<b>6,006.3414</b>	<b>6,006.3414</b>	<b>0.1040</b>		<b>6,008.9416</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>24.1317</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2028**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.6505	1.0649	18.1270	0.0602	7.7363	0.0410	7.7773	2.0521	0.0378	2.0899		6,006.3414	6,006.3414	0.1040		6,008.9416
<b>Total</b>	<b>2.6505</b>	<b>1.0649</b>	<b>18.1270</b>	<b>0.0602</b>	<b>7.7363</b>	<b>0.0410</b>	<b>7.7773</b>	<b>2.0521</b>	<b>0.0378</b>	<b>2.0899</b>		<b>6,006.3414</b>	<b>6,006.3414</b>	<b>0.1040</b>		<b>6,008.9416</b>

**3.7 Architectural Coating - 2029**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>24.1317</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2029**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.4688	0.9761	16.9795	0.0585	7.7363	0.0382	7.7745	2.0521	0.0352	2.0873		5,832.2673	5,832.2673	0.0950		5,834.6419
<b>Total</b>	<b>2.4688</b>	<b>0.9761</b>	<b>16.9795</b>	<b>0.0585</b>	<b>7.7363</b>	<b>0.0382</b>	<b>7.7745</b>	<b>2.0521</b>	<b>0.0352</b>	<b>2.0873</b>		<b>5,832.2673</b>	<b>5,832.2673</b>	<b>0.0950</b>		<b>5,834.6419</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
<b>Total</b>	<b>24.1317</b>	<b>1.1455</b>	<b>1.8091</b>	<b>2.9700e-003</b>		<b>0.0515</b>	<b>0.0515</b>		<b>0.0515</b>	<b>0.0515</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0154</b>		<b>281.8319</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2029**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.4688	0.9761	16.9795	0.0585	7.7363	0.0382	7.7745	2.0521	0.0352	2.0873		5,832.267 3	5,832.267 3	0.0950		5,834.641 9
<b>Total</b>	<b>2.4688</b>	<b>0.9761</b>	<b>16.9795</b>	<b>0.0585</b>	<b>7.7363</b>	<b>0.0382</b>	<b>7.7745</b>	<b>2.0521</b>	<b>0.0352</b>	<b>2.0873</b>		<b>5,832.267 3</b>	<b>5,832.267 3</b>	<b>0.0950</b>		<b>5,834.641 9</b>

**3.7 Architectural Coating - 2030**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>24.0916</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2030**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.2926	0.8960	15.9486	0.0569	7.7363	0.0356	7.7719	2.0521	0.0328	2.0849		5,679.051 1	5,679.051 1	0.0870		5,681.225 3
<b>Total</b>	<b>2.2926</b>	<b>0.8960</b>	<b>15.9486</b>	<b>0.0569</b>	<b>7.7363</b>	<b>0.0356</b>	<b>7.7719</b>	<b>2.0521</b>	<b>0.0328</b>	<b>2.0849</b>		<b>5,679.051 1</b>	<b>5,679.051 1</b>	<b>0.0870</b>		<b>5,681.225 3</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>24.0916</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2030**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.2926	0.8960	15.9486	0.0569	7.7363	0.0356	7.7719	2.0521	0.0328	2.0849		5,679.051 1	5,679.051 1	0.0870		5,681.225 3
<b>Total</b>	<b>2.2926</b>	<b>0.8960</b>	<b>15.9486</b>	<b>0.0569</b>	<b>7.7363</b>	<b>0.0356</b>	<b>7.7719</b>	<b>2.0521</b>	<b>0.0328</b>	<b>2.0849</b>		<b>5,679.051 1</b>	<b>5,679.051 1</b>	<b>0.0870</b>		<b>5,681.225 3</b>

**3.7 Architectural Coating - 2031**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>24.0916</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2031**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.1069	0.8205	14.9687	0.0556	7.7363	0.0331	7.7694	2.0521	0.0305	2.0826		5,544.7838	5,544.7838	0.0795		5,546.7705
<b>Total</b>	<b>2.1069</b>	<b>0.8205</b>	<b>14.9687</b>	<b>0.0556</b>	<b>7.7363</b>	<b>0.0331</b>	<b>7.7694</b>	<b>2.0521</b>	<b>0.0305</b>	<b>2.0826</b>		<b>5,544.7838</b>	<b>5,544.7838</b>	<b>0.0795</b>		<b>5,546.7705</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>24.0916</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2031**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.1069	0.8205	14.9687	0.0556	7.7363	0.0331	7.7694	2.0521	0.0305	2.0826		5,544.7838	5,544.7838	0.0795		5,546.7705
<b>Total</b>	<b>2.1069</b>	<b>0.8205</b>	<b>14.9687</b>	<b>0.0556</b>	<b>7.7363</b>	<b>0.0331</b>	<b>7.7694</b>	<b>2.0521</b>	<b>0.0305</b>	<b>2.0826</b>		<b>5,544.7838</b>	<b>5,544.7838</b>	<b>0.0795</b>		<b>5,546.7705</b>

**3.7 Architectural Coating - 2032**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>24.0916</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2032**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.9401	0.7553	14.1052	0.0544	7.7363	0.0308	7.7671	2.0521	0.0283	2.0805		5,427.9145	5,427.9145	0.0729		5,429.7380
<b>Total</b>	<b>1.9401</b>	<b>0.7553</b>	<b>14.1052</b>	<b>0.0544</b>	<b>7.7363</b>	<b>0.0308</b>	<b>7.7671</b>	<b>2.0521</b>	<b>0.0283</b>	<b>2.0805</b>		<b>5,427.9145</b>	<b>5,427.9145</b>	<b>0.0729</b>		<b>5,429.7380</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>24.0916</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2032**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.9401	0.7553	14.1052	0.0544	7.7363	0.0308	7.7671	2.0521	0.0283	2.0805		5,427.9145	5,427.9145	0.0729		5,429.7380
<b>Total</b>	<b>1.9401</b>	<b>0.7553</b>	<b>14.1052</b>	<b>0.0544</b>	<b>7.7363</b>	<b>0.0308</b>	<b>7.7671</b>	<b>2.0521</b>	<b>0.0283</b>	<b>2.0805</b>		<b>5,427.9145</b>	<b>5,427.9145</b>	<b>0.0729</b>		<b>5,429.7380</b>

**3.7 Architectural Coating - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>24.0916</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.8033	0.7018	13.3767	0.0534	7.7363	0.0287	7.7650	2.0521	0.0264	2.0786		5,327.1528	5,327.1528	0.0675		5,328.8405
<b>Total</b>	<b>1.8033</b>	<b>0.7018</b>	<b>13.3767</b>	<b>0.0534</b>	<b>7.7363</b>	<b>0.0287</b>	<b>7.7650</b>	<b>2.0521</b>	<b>0.0264</b>	<b>2.0786</b>		<b>5,327.1528</b>	<b>5,327.1528</b>	<b>0.0675</b>		<b>5,328.8405</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>24.0916</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.8033	0.7018	13.3767	0.0534	7.7363	0.0287	7.7650	2.0521	0.0264	2.0786		5,327.1528	5,327.1528	0.0675		5,328.8405
<b>Total</b>	<b>1.8033</b>	<b>0.7018</b>	<b>13.3767</b>	<b>0.0534</b>	<b>7.7363</b>	<b>0.0287</b>	<b>7.7650</b>	<b>2.0521</b>	<b>0.0264</b>	<b>2.0786</b>		<b>5,327.1528</b>	<b>5,327.1528</b>	<b>0.0675</b>		<b>5,328.8405</b>

**3.7 Architectural Coating - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203		281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>24.0916</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.6796	0.6562	12.6877	0.0525	7.7363	0.0268	7.7631	2.0521	0.0247	2.0768		5,240.1155	5,240.1155	0.0624		5,241.6764
<b>Total</b>	<b>1.6796</b>	<b>0.6562</b>	<b>12.6877</b>	<b>0.0525</b>	<b>7.7363</b>	<b>0.0268</b>	<b>7.7631</b>	<b>2.0521</b>	<b>0.0247</b>	<b>2.0768</b>		<b>5,240.1155</b>	<b>5,240.1155</b>	<b>0.0624</b>		<b>5,241.6764</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1308	0.8563	1.7977	2.9700e-003		0.0203	0.0203		0.0203	0.0203	0.0000	281.4481	281.4481	0.0114		281.7328
<b>Total</b>	<b>24.0916</b>	<b>0.8563</b>	<b>1.7977</b>	<b>2.9700e-003</b>		<b>0.0203</b>	<b>0.0203</b>		<b>0.0203</b>	<b>0.0203</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0114</b>		<b>281.7328</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.6796	0.6562	12.6877	0.0525	7.7363	0.0268	7.7631	2.0521	0.0247	2.0768		5,240.1155	5,240.1155	0.0624		5,241.6764
<b>Total</b>	<b>1.6796</b>	<b>0.6562</b>	<b>12.6877</b>	<b>0.0525</b>	<b>7.7363</b>	<b>0.0268</b>	<b>7.7631</b>	<b>2.0521</b>	<b>0.0247</b>	<b>2.0768</b>		<b>5,240.1155</b>	<b>5,240.1155</b>	<b>0.0624</b>		<b>5,241.6764</b>

**3.7 Architectural Coating - 2035**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003		281.4481	281.4481	0.0104		281.7081
<b>Total</b>	<b>24.0787</b>	<b>0.7577</b>	<b>1.7943</b>	<b>2.9700e-003</b>		<b>9.9000e-003</b>	<b>9.9000e-003</b>		<b>9.9000e-003</b>	<b>9.9000e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>0.0104</b>		<b>281.7081</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2035**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.5725	0.6205	12.0977	0.0518	7.7363	0.0251	7.7614	2.0521	0.0231	2.0752		5,166.0800	5,166.0800	0.0581		5,167.5335
<b>Total</b>	<b>1.5725</b>	<b>0.6205</b>	<b>12.0977</b>	<b>0.0518</b>	<b>7.7363</b>	<b>0.0251</b>	<b>7.7614</b>	<b>2.0521</b>	<b>0.0231</b>	<b>2.0752</b>		<b>5,166.0800</b>	<b>5,166.0800</b>	<b>0.0581</b>		<b>5,167.5335</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	23.9608					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1179	0.7577	1.7943	2.9700e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	281.4481	281.4481	0.0104		281.7081
<b>Total</b>	<b>24.0787</b>	<b>0.7577</b>	<b>1.7943</b>	<b>2.9700e-003</b>		<b>9.9000e-003</b>	<b>9.9000e-003</b>		<b>9.9000e-003</b>	<b>9.9000e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>0.0104</b>		<b>281.7081</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**3.7 Architectural Coating - 2035**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.5725	0.6205	12.0977	0.0518	7.7363	0.0251	7.7614	2.0521	0.0231	2.0752		5,166.080 0	5,166.080 0	0.0581		5,167.533 5
<b>Total</b>	<b>1.5725</b>	<b>0.6205</b>	<b>12.0977</b>	<b>0.0518</b>	<b>7.7363</b>	<b>0.0251</b>	<b>7.7614</b>	<b>2.0521</b>	<b>0.0231</b>	<b>2.0752</b>		<b>5,166.080 0</b>	<b>5,166.080 0</b>	<b>0.0581</b>		<b>5,167.533 5</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Integrate Below Market Rate Housing

Improve Pedestrian Network

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	44.3282	172.7875	356.8222	1.5299	166.0133	0.7575	166.7708	44.3230	0.7034	45.0264		156,025.7392	156,025.7392	5.8114		156,171.0244
Unmitigated	44.6676	174.2812	366.0337	1.5749	171.4588	0.7770	172.2358	45.7769	0.7216	46.4985		160,603.1605	160,603.1605	5.9416		160,751.7014

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	10,972.35	11,921.40	10106.55	13,336,461	12,912,895
Apartments Mid Rise	20,515.25	19,713.15	18078.10	41,094,756	39,789,586
City Park	150.26	1,808.63	1330.83	1,052,265	1,018,845
Condo/Townhouse	871.50	850.50	726.00	2,175,327	2,106,239
Racquet Club	883.89	1,345.05	1096.20	1,294,152	1,253,049
Regional Shopping Center	10,419.65	12,193.68	6159.06	14,063,079	13,616,436
<b>Total</b>	<b>43,812.90</b>	<b>47,832.40</b>	<b>37,496.74</b>	<b>73,016,039</b>	<b>70,697,050</b>

4.3 Trip Type Information

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	1.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Apartments Mid Rise	6.56	5.00	6.50	46.50	12.50	41.00	86	11	3
City Park	10.55	5.00	6.50	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Racquet Club	10.00	5.00	6.50	11.50	69.50	19.00	52	39	9
Regional Shopping Center	10.00	5.00	6.50	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Apartments Mid Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
City Park	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Condo/Townhouse	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Racquet Club	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Regional Shopping Center	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.6481	14.1417	6.4161	0.0899		1.1387	1.1387		1.1387	1.1387		17,979.5739	17,979.5739	0.3446	0.3296	18,086.4175
NaturalGas Unmitigated	1.6481	14.1417	6.4161	0.0899		1.1387	1.1387		1.1387	1.1387		17,979.5739	17,979.5739	0.3446	0.3296	18,086.4175

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	52184.7	0.5628	4.8092	2.0465	0.0307		0.3888	0.3888		0.3888	0.3888		6,139.3823	6,139.3823	0.1177	0.1126	6,175.8656
Apartments Mid Rise	82391.5	0.8885	7.5929	3.2310	0.0485		0.6139	0.6139		0.6139	0.6139		9,693.1148	9,693.1148	0.1858	0.1777	9,750.7161
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	8445.72	0.0911	0.7783	0.3312	4.9700e-003		0.0629	0.0629		0.0629	0.0629		993.6140	993.6140	0.0190	0.0182	999.5186
Racquet Club	6180.9	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3623.53	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.6481</b>	<b>14.1417</b>	<b>6.4161</b>	<b>0.0899</b>		<b>1.1387</b>	<b>1.1387</b>		<b>1.1387</b>	<b>1.1387</b>		<b>17,979.5739</b>	<b>17,979.5739</b>	<b>0.3446</b>	<b>0.3296</b>	<b>18,086.4175</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	52.1847	0.5628	4.8092	2.0465	0.0307		0.3888	0.3888		0.3888	0.3888		6,139.3823	6,139.3823	0.1177	0.1126	6,175.8656
Apartments Mid Rise	82.3915	0.8885	7.5929	3.2310	0.0485		0.6139	0.6139		0.6139	0.6139		9,693.1148	9,693.1148	0.1858	0.1777	9,750.7161
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	8.44572	0.0911	0.7783	0.3312	4.9700e-003		0.0629	0.0629		0.0629	0.0629		993.6140	993.6140	0.0190	0.0182	999.5186
Racquet Club	6.1809	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3.62353	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.6481</b>	<b>14.1417</b>	<b>6.4161</b>	<b>0.0899</b>		<b>1.1387</b>	<b>1.1387</b>		<b>1.1387</b>	<b>1.1387</b>		<b>17,979.5739</b>	<b>17,979.5739</b>	<b>0.3446</b>	<b>0.3296</b>	<b>18,086.4175</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	141.2369	4.6479	402.8745	0.0214		2.2420	2.2420		2.2420	2.2420	0.0000	727.9909	727.9909	0.6931	0.0000	745.3194
Unmitigated	141.2369	4.6479	402.8745	0.0214		2.2420	2.2420		2.2420	2.2420	0.0000	727.9909	727.9909	0.6931	0.0000	745.3194

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	17.5800					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	111.6086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0482	4.6479	402.8745	0.0214		2.2420	2.2420		2.2420	2.2420		727.9909	727.9909	0.6931		745.3194
<b>Total</b>	<b>141.2369</b>	<b>4.6479</b>	<b>402.8745</b>	<b>0.0214</b>		<b>2.2420</b>	<b>2.2420</b>		<b>2.2420</b>	<b>2.2420</b>	<b>0.0000</b>	<b>727.9909</b>	<b>727.9909</b>	<b>0.6931</b>	<b>0.0000</b>	<b>745.3194</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	17.5800					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	111.6086					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0482	4.6479	402.8745	0.0214		2.2420	2.2420		2.2420	2.2420		727.9909	727.9909	0.6931		745.3194
<b>Total</b>	<b>141.2369</b>	<b>4.6479</b>	<b>402.8745</b>	<b>0.0214</b>		<b>2.2420</b>	<b>2.2420</b>		<b>2.2420</b>	<b>2.2420</b>	<b>0.0000</b>	<b>727.9909</b>	<b>727.9909</b>	<b>0.6931</b>	<b>0.0000</b>	<b>745.3194</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

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West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Summer

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**West Broadway Future\_VMT Adj\_incl Project Features**  
**Sacramento County, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	99.50	1000sqft	2.28	99,500.00	0
General Light Industry	185.20	1000sqft	4.25	185,200.00	0
City Park	79.50	Acre	79.50	3,463,020.00	0
Racquet Club	63.00	1000sqft	1.45	63,000.00	0
Apartments Low Rise	1,665.00	Dwelling Unit	104.06	1,665,000.00	4446
Apartments Mid Rise	3,085.00	Dwelling Unit	81.18	3,085,000.00	8237
Condo/Townhouse	150.00	Dwelling Unit	9.38	150,000.00	401
Regional Shopping Center	244.02	1000sqft	5.60	244,020.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.5	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	6			<b>Operational Year</b>	2035
<b>Utility Company</b>	Sacramento Municipal Utility District				
<b>CO2 Intensity (lb/MW hr)</b>	143.85	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Mobile Land Use Mitigation -  
 Area Mitigation -

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Table Name	Column Name	Default Value	New Value
tblEnergyUse	T24E	511.12	240.23
tblEnergyUse	T24E	460.92	428.66
tblEnergyUse	T24E	381.61	354.90
tblEnergyUse	T24E	3.41	2.39
tblEnergyUse	T24E	3.26	2.28
tblProjectCharacteristics	CO2IntensityFactor	590.31	143.85
tblVehicleTrips	HW_TL	10.00	1.10
tblVehicleTrips	HW_TL	10.00	4.47

**2.0 Emissions Summary**

**2.1 Overall Construction (Maximum Daily Emission)**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.3988	34.2446	22.4075	0.0426	0.9636	1.6631	2.6267	0.1669	1.5461	1.7129	0.0000	4,141.9974	4,141.9974	1.0784	0.0000	4,168.9575
2021	4.2650	46.4505	31.3888	0.0634	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,141.6763	6,141.6763	1.9464	0.0000	6,190.3360
2022	3.6939	38.8890	29.5095	0.0634	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,141.2229	6,141.2229	1.9474	0.0000	6,189.9086
2023	21.2742	122.2499	156.5951	0.6310	46.7565	1.4255	47.8573	12.5632	1.3114	13.5963	0.0000	64,525.5978	64,525.5978	2.9565	0.0000	64,599.5095
2024	20.0534	118.4241	146.2173	0.6165	46.7558	1.0010	47.7567	12.5630	0.9388	13.5018	0.0000	63,092.9038	63,092.9038	2.8589	0.0000	63,164.3759
2025	18.9753	114.7957	136.9677	0.6022	46.7551	0.9030	47.6582	12.5628	0.8466	13.4094	0.0000	61,679.2142	61,679.2142	2.7727	0.0000	61,748.5316

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2026	18.1198	112.3588	129.0718	0.5894	46.7546	0.8883	47.6429	12.5625	0.8328	13.3953	0.0000	60,409.35 73	60,409.35 73	2.7003	0.0000	60,476.86 54
2027	17.2885	110.1343	121.9846	0.5778	46.7541	0.8704	47.6244	12.5624	0.8160	13.3783	0.0000	59,265.10 27	59,265.10 27	2.6338	0.0000	59,330.94 79
2028	16.4300	108.2198	115.7830	0.5677	46.7537	0.8498	47.6034	12.5622	0.7968	13.3590	0.0000	58,254.65 49	58,254.65 49	2.5739	0.0000	58,319.00 35
2029	15.5034	106.4094	109.9209	0.5586	46.7533	0.8297	47.5830	12.5621	0.7781	13.3401	0.0000	57,355.83 66	57,355.83 66	2.5161	0.0000	57,418.73 98
2030	14.5529	100.1977	104.7741	0.5546	46.7529	0.4311	47.1840	12.5619	0.4121	12.9740	0.0000	56,903.28 79	56,903.28 79	1.9775	0.0000	56,952.72 56
2031	13.6167	98.6582	99.8647	0.5476	46.7527	0.4133	47.1659	12.5618	0.3955	12.9573	0.0000	56,209.41 79	56,209.41 79	1.9283	0.0000	56,257.62 45
2032	12.7840	97.2618	95.5831	0.5415	46.7524	0.3974	47.1498	12.5617	0.3807	12.9425	0.0000	55,609.69 88	55,609.69 88	1.8852	0.0000	55,656.82 98
2033	12.1054	96.0494	91.9741	0.5363	46.7522	0.3834	47.1356	12.5617	0.3677	12.9294	0.0000	55,091.60 51	55,091.60 51	1.8487	0.0000	55,137.82 36
2034	11.5095	94.9507	88.5700	0.5318	46.7520	0.3701	47.1222	12.5616	0.3554	12.9170	0.0000	54,645.28 55	54,645.28 55	1.8146	0.0000	54,690.65 06
2035	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2036	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2037	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2038	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2039	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2040	9.0029	89.8678	76.5969	0.5169	46.7513	0.2473	46.9986	12.5613	0.2361	12.7974	0.0000	53,170.73 78	53,170.73 78	1.6720	0.0000	53,212.53 66
2041	9.0029	89.8678	76.5969	0.5169	46.7513	0.2473	46.9986	12.5613	0.2361	12.7974	0.0000	53,170.73 78	53,170.73 78	1.6720	0.0000	53,212.53 66
2042	203.7352	3.6657	15.9387	0.0474	7.9189	0.1167	7.9460	2.1006	0.1167	2.1261	0.0000	4,718.869 6	4,718.869 6	0.0898	0.0000	4,720.079 8
2043	203.7352	1.3616	10.1907	0.0474	7.9189	0.0271	7.9460	2.1006	0.0255	2.1261	0.0000	4,718.869 6	4,718.869 6	0.0484	0.0000	4,720.079 8

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Maximum	203.7352	122.2499	156.5951	0.6310	46.7565	2.0454	47.8573	12.5632	1.8818	13.5963	0.0000	64,525.59 78	64,525.59 78	2.9565	0.0000	64,599.50 95
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**2.1 Overall Construction (Maximum Daily Emission)**

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.3988	34.2446	22.4075	0.0426	0.9636	1.6631	2.6267	0.1669	1.5461	1.7129	0.0000	4,141.997 4	4,141.997 4	1.0784	0.0000	4,168.957 5
2021	4.2650	46.4505	31.3888	0.0634	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,141.676 3	6,141.676 3	1.9464	0.0000	6,190.336 0
2022	3.6939	38.8890	29.5095	0.0634	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,141.222 9	6,141.222 9	1.9474	0.0000	6,189.908 6
2023	21.2742	122.2499	156.5951	0.6310	46.7565	1.4255	47.8573	12.5632	1.3114	13.5963	0.0000	64,525.59 78	64,525.59 78	2.9565	0.0000	64,599.50 95
2024	20.0534	118.4241	146.2173	0.6165	46.7558	1.0010	47.7567	12.5630	0.9388	13.5018	0.0000	63,092.90 38	63,092.90 38	2.8589	0.0000	63,164.37 59
2025	18.9753	114.7957	136.9677	0.6022	46.7551	0.9030	47.6582	12.5628	0.8466	13.4094	0.0000	61,679.21 42	61,679.21 42	2.7727	0.0000	61,748.53 16
2026	18.1198	112.3588	129.0718	0.5894	46.7546	0.8883	47.6429	12.5625	0.8328	13.3953	0.0000	60,409.35 73	60,409.35 73	2.7003	0.0000	60,476.86 54
2027	17.2885	110.1343	121.9846	0.5778	46.7541	0.8704	47.6244	12.5624	0.8160	13.3783	0.0000	59,265.10 27	59,265.10 27	2.6338	0.0000	59,330.94 79
2028	16.4300	108.2198	115.7830	0.5677	46.7537	0.8498	47.6034	12.5622	0.7968	13.3590	0.0000	58,254.65 49	58,254.65 49	2.5739	0.0000	58,319.00 35
2029	15.5034	106.4094	109.9209	0.5586	46.7533	0.8297	47.5830	12.5621	0.7781	13.3401	0.0000	57,355.83 66	57,355.83 66	2.5161	0.0000	57,418.73 98
2030	14.5529	100.1977	104.7741	0.5546	46.7529	0.4311	47.1840	12.5619	0.4121	12.9740	0.0000	56,903.28 79	56,903.28 79	1.9775	0.0000	56,952.72 56
2031	13.6167	98.6582	99.8647	0.5476	46.7527	0.4133	47.1659	12.5618	0.3955	12.9573	0.0000	56,209.41 79	56,209.41 79	1.9283	0.0000	56,257.62 45
2032	12.7840	97.2618	95.5831	0.5415	46.7524	0.3974	47.1498	12.5617	0.3807	12.9425	0.0000	55,609.69 88	55,609.69 88	1.8852	0.0000	55,656.82 98



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Energy	1.9214	16.6078	8.3729	0.1048		1.3275	1.3275		1.3275	1.3275		20,960.1757	20,960.1757	0.4017	0.3843	21,084.7316
Mobile	32.2460	186.4951	352.5024	1.4447	172.4106	0.7951	173.2057	46.0310	0.7386	46.7695		147,534.5953	147,534.5953	6.2819		147,691.6415
<b>Total</b>	<b>182.2225</b>	<b>207.7511</b>	<b>763.7787</b>	<b>1.5708</b>	<b>172.4106</b>	<b>4.3647</b>	<b>176.7753</b>	<b>46.0310</b>	<b>4.3081</b>	<b>50.3391</b>	<b>0.0000</b>	<b>169,222.8242</b>	<b>169,222.8242</b>	<b>7.3769</b>	<b>0.3843</b>	<b>169,521.7588</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Energy	1.9214	16.6078	8.3729	0.1048		1.3275	1.3275		1.3275	1.3275		20,960.1757	20,960.1757	0.4017	0.3843	21,084.7316
Mobile	32.1190	185.8499	349.6608	1.4292	170.3417	0.7877	171.1294	45.4786	0.7317	46.2103		145,953.7924	145,953.7924	6.2341		146,109.6449
<b>Total</b>	<b>182.0955</b>	<b>207.1059</b>	<b>760.9371</b>	<b>1.5553</b>	<b>170.3417</b>	<b>4.3573</b>	<b>174.6989</b>	<b>45.4786</b>	<b>4.3012</b>	<b>49.7798</b>	<b>0.0000</b>	<b>167,642.0213</b>	<b>167,642.0213</b>	<b>7.3291</b>	<b>0.3843</b>	<b>167,939.7622</b>

## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.07	0.31	0.37	0.99	1.20	0.17	1.17	1.20	0.16	1.11	0.00	0.93	0.93	0.65	0.00	0.93

### 3.0 Construction Detail

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#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	2/23/2021	5	300	
2	Site Preparation	Site Preparation	2/24/2021	11/2/2021	5	180	
3	Grading	Grading	11/3/2021	8/15/2023	5	465	
4	Building Construction	Building Construction	8/16/2023	6/11/2041	5	4650	
5	Paving	Paving	6/12/2041	9/16/2042	5	330	
6	Architectural Coating	Architectural Coating	9/17/2042	12/22/2043	5	330	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 887,580; Non-Residential Outdoor: 295,860; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment



## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	1,040.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,207.00	1,188.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,041.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>		<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

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**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0272	1.0012	0.2350	2.7000e-003	0.0670	3.6300e-003	0.0706	0.0181	3.4800e-003	0.0216		289.7592	289.7592	0.0175		290.1955
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0595	0.0424	0.4194	1.0500e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		104.5333	104.5333	3.0100e-003		104.6084
<b>Total</b>	<b>0.0867</b>	<b>1.0436</b>	<b>0.6543</b>	<b>3.7500e-003</b>	<b>0.1811</b>	<b>4.4200e-003</b>	<b>0.1855</b>	<b>0.0484</b>	<b>4.2100e-003</b>	<b>0.0526</b>		<b>394.2924</b>	<b>394.2924</b>	<b>0.0205</b>		<b>394.8039</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>	<b>0.0000</b>	<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0272	1.0012	0.2350	2.7000e-003	0.0670	3.6300e-003	0.0706	0.0181	3.4800e-003	0.0216		289.7592	289.7592	0.0175		290.1955
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0595	0.0424	0.4194	1.0500e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		104.5333	104.5333	3.0100e-003		104.6084
<b>Total</b>	<b>0.0867</b>	<b>1.0436</b>	<b>0.6543</b>	<b>3.7500e-003</b>	<b>0.1811</b>	<b>4.4200e-003</b>	<b>0.1855</b>	<b>0.0484</b>	<b>4.2100e-003</b>	<b>0.0526</b>		<b>394.2924</b>	<b>394.2924</b>	<b>0.0205</b>		<b>394.8039</b>

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>		<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

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**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0251	0.9188	0.2176	2.6700e-003	0.3763	3.2000e-003	0.3795	0.0941	3.0600e-003	0.0971		286.3691	286.3691	0.0171		286.7967
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0554	0.0380	0.3827	1.0100e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		100.9746	100.9746	2.6900e-003		101.0419
<b>Total</b>	<b>0.0805</b>	<b>0.9568</b>	<b>0.6003</b>	<b>3.6800e-003</b>	<b>0.4904</b>	<b>3.9700e-003</b>	<b>0.4944</b>	<b>0.1243</b>	<b>3.7700e-003</b>	<b>0.1281</b>		<b>387.3437</b>	<b>387.3437</b>	<b>0.0198</b>		<b>387.8386</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>	<b>0.0000</b>	<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

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**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0251	0.9188	0.2176	2.6700e-003	0.3763	3.2000e-003	0.3795	0.0941	3.0600e-003	0.0971		286.3691	286.3691	0.0171		286.7967
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0554	0.0380	0.3827	1.0100e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		100.9746	100.9746	2.6900e-003		101.0419
<b>Total</b>	<b>0.0805</b>	<b>0.9568</b>	<b>0.6003</b>	<b>3.6800e-003</b>	<b>0.4904</b>	<b>3.9700e-003</b>	<b>0.4944</b>	<b>0.1243</b>	<b>3.7700e-003</b>	<b>0.1281</b>		<b>387.3437</b>	<b>387.3437</b>	<b>0.0198</b>		<b>387.8386</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>		<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

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**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0664	0.0456	0.4593	1.2200e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		121.1696	121.1696	3.2300e-003		121.2503
<b>Total</b>	<b>0.0664</b>	<b>0.0456</b>	<b>0.4593</b>	<b>1.2200e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>121.1696</b>	<b>121.1696</b>	<b>3.2300e-003</b>		<b>121.2503</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>	<b>0.0000</b>	<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

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**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0664	0.0456	0.4593	1.2200e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		121.1696	121.1696	3.2300e-003		121.2503
<b>Total</b>	<b>0.0664</b>	<b>0.0456</b>	<b>0.4593</b>	<b>1.2200e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>121.1696</b>	<b>121.1696</b>	<b>3.2300e-003</b>		<b>121.2503</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>		<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>



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**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0738	0.0507	0.5103	1.3500e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		134.6329	134.6329	3.5900e-003		134.7226
<b>Total</b>	<b>0.0738</b>	<b>0.0507</b>	<b>0.5103</b>	<b>1.3500e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>134.6329</b>	<b>134.6329</b>	<b>3.5900e-003</b>		<b>134.7226</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>	<b>0.0000</b>	<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

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**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0738	0.0507	0.5103	1.3500e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		134.6329	134.6329	3.5900e-003		134.7226
<b>Total</b>	<b>0.0738</b>	<b>0.0507</b>	<b>0.5103</b>	<b>1.3500e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>134.6329</b>	<b>134.6329</b>	<b>3.5900e-003</b>		<b>134.7226</b>

**3.4 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>		<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

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**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0690	0.0456	0.4680	1.3000e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		129.8123	129.8123	3.2200e-003		129.8928
<b>Total</b>	<b>0.0690</b>	<b>0.0456</b>	<b>0.4680</b>	<b>1.3000e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>129.8123</b>	<b>129.8123</b>	<b>3.2200e-003</b>		<b>129.8928</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>	<b>0.0000</b>	<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0690	0.0456	0.4680	1.3000e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		129.8123	129.8123	3.2200e-003		129.8928
<b>Total</b>	<b>0.0690</b>	<b>0.0456</b>	<b>0.4680</b>	<b>1.3000e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>129.8123</b>	<b>129.8123</b>	<b>3.2200e-003</b>		<b>129.8928</b>

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>		<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.4 Grading - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0410	0.4288	1.2500e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		124.9394	124.9394	2.8800e-003		125.0114
<b>Total</b>	<b>0.0647</b>	<b>0.0410</b>	<b>0.4288</b>	<b>1.2500e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>124.9394</b>	<b>124.9394</b>	<b>2.8800e-003</b>		<b>125.0114</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>	<b>0.0000</b>	<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.4 Grading - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0410	0.4288	1.2500e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		124.9394	124.9394	2.8800e-003		125.0114
<b>Total</b>	<b>0.0647</b>	<b>0.0410</b>	<b>0.4288</b>	<b>1.2500e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>124.9394</b>	<b>124.9394</b>	<b>2.8800e-003</b>		<b>125.0114</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.8608	97.1949	28.7205	0.2776	7.1468	0.1470	7.2939	2.0564	0.1406	2.1970		29,442.4101	29,442.4101	1.5995		29,482.3967
Worker	16.8406	10.6702	111.6307	0.3265	39.6096	0.2541	39.8637	10.5068	0.2340	10.7409		32,527.9778	32,527.9778	0.7492		32,546.7067
<b>Total</b>	<b>19.7014</b>	<b>107.8651</b>	<b>140.3511</b>	<b>0.6040</b>	<b>46.7565</b>	<b>0.4011</b>	<b>47.1575</b>	<b>12.5632</b>	<b>0.3746</b>	<b>12.9378</b>		<b>61,970.3878</b>	<b>61,970.3878</b>	<b>2.3486</b>		<b>62,029.1034</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.8608	97.1949	28.7205	0.2776	7.1468	0.1470	7.2939	2.0564	0.1406	2.1970		29,442.4101	29,442.4101	1.5995		29,482.3967
Worker	16.8406	10.6702	111.6307	0.3265	39.6096	0.2541	39.8637	10.5068	0.2340	10.7409		32,527.9778	32,527.9778	0.7492		32,546.7067
<b>Total</b>	<b>19.7014</b>	<b>107.8651</b>	<b>140.3511</b>	<b>0.6040</b>	<b>46.7565</b>	<b>0.4011</b>	<b>47.1575</b>	<b>12.5632</b>	<b>0.3746</b>	<b>12.9378</b>		<b>61,970.3878</b>	<b>61,970.3878</b>	<b>2.3486</b>		<b>62,029.1034</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>		<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7242	95.3374	26.8405	0.2758	7.1462	0.1392	7.2854	2.0562	0.1331	2.1893		29,273.1878	29,273.1878	1.5800		29,312.6887
Worker	15.8576	9.6430	103.2100	0.3137	39.6096	0.2485	39.8581	10.5068	0.2288	10.7356		31,264.0171	31,264.0171	0.6745		31,280.8796
<b>Total</b>	<b>18.5818</b>	<b>104.9804</b>	<b>130.0505</b>	<b>0.5895</b>	<b>46.7558</b>	<b>0.3877</b>	<b>47.1434</b>	<b>12.5630</b>	<b>0.3619</b>	<b>12.9249</b>		<b>60,537.2049</b>	<b>60,537.2049</b>	<b>2.2545</b>		<b>60,593.5683</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>	<b>0.0000</b>	<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7242	95.3374	26.8405	0.2758	7.1462	0.1392	7.2854	2.0562	0.1331	2.1893		29,273.1878	29,273.1878	1.5800		29,312.6887
Worker	15.8576	9.6430	103.2100	0.3137	39.6096	0.2485	39.8581	10.5068	0.2288	10.7356		31,264.0171	31,264.0171	0.6745		31,280.8796
<b>Total</b>	<b>18.5818</b>	<b>104.9804</b>	<b>130.0505</b>	<b>0.5895</b>	<b>46.7558</b>	<b>0.3877</b>	<b>47.1434</b>	<b>12.5630</b>	<b>0.3619</b>	<b>12.9249</b>		<b>60,537.2049</b>	<b>60,537.2049</b>	<b>2.2545</b>		<b>60,593.5683</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6110	93.5705	25.4014	0.2741	7.1455	0.1316	7.2772	2.0559	0.1259	2.1818		29,109.9284	29,109.9284	1.5613		29,148.9616
Worker	14.9969	8.7555	95.4816	0.3011	39.6096	0.2439	39.8535	10.5068	0.2245	10.7313		30,012.8115	30,012.8115	0.6104		30,028.0719
<b>Total</b>	<b>17.6079</b>	<b>102.3260</b>	<b>120.8830</b>	<b>0.5752</b>	<b>46.7551</b>	<b>0.3755</b>	<b>47.1306</b>	<b>12.5628</b>	<b>0.3504</b>	<b>12.9131</b>		<b>59,122.7399</b>	<b>59,122.7399</b>	<b>2.1718</b>		<b>59,177.0335</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6110	93.5705	25.4014	0.2741	7.1455	0.1316	7.2772	2.0559	0.1259	2.1818		29,109.9284	29,109.9284	1.5613		29,148.9616
Worker	14.9969	8.7555	95.4816	0.3011	39.6096	0.2439	39.8535	10.5068	0.2245	10.7313		30,012.8115	30,012.8115	0.6104		30,028.0719
<b>Total</b>	<b>17.6079</b>	<b>102.3260</b>	<b>120.8830</b>	<b>0.5752</b>	<b>46.7551</b>	<b>0.3755</b>	<b>47.1306</b>	<b>12.5628</b>	<b>0.3504</b>	<b>12.9131</b>		<b>59,122.7399</b>	<b>59,122.7399</b>	<b>2.1718</b>		<b>59,177.0335</b>

**3.5 Building Construction - 2026**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5111	91.8911	24.2274	0.2726	7.1450	0.1241	7.2690	2.0557	0.1186	2.1744		28,955.01 35	28,955.01 35	1.5444		28,993.62 42
Worker	14.2414	7.9980	88.7598	0.2899	39.6096	0.2367	39.8463	10.5068	0.2179	10.7247		28,897.86 94	28,897.86 94	0.5550		28,911.743 1
<b>Total</b>	<b>16.7524</b>	<b>99.8891</b>	<b>112.9872</b>	<b>0.5624</b>	<b>46.7546</b>	<b>0.3608</b>	<b>47.1154</b>	<b>12.5625</b>	<b>0.3365</b>	<b>12.8991</b>		<b>57,852.88 30</b>	<b>57,852.88 30</b>	<b>2.0994</b>		<b>57,905.36 73</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5111	91.8911	24.2274	0.2726	7.1450	0.1241	7.2690	2.0557	0.1186	2.1744		28,955.01 35	28,955.01 35	1.5444		28,993.62 42
Worker	14.2414	7.9980	88.7598	0.2899	39.6096	0.2367	39.8463	10.5068	0.2179	10.7247		28,897.86 94	28,897.86 94	0.5550		28,911.743 1
<b>Total</b>	<b>16.7524</b>	<b>99.8891</b>	<b>112.9872</b>	<b>0.5624</b>	<b>46.7546</b>	<b>0.3608</b>	<b>47.1154</b>	<b>12.5625</b>	<b>0.3365</b>	<b>12.8991</b>		<b>57,852.88 30</b>	<b>57,852.88 30</b>	<b>2.0994</b>		<b>57,905.36 73</b>

**3.5 Building Construction - 2027**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2027**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4234	90.3468	23.2061	0.2711	7.1445	0.1178	7.2622	2.0555	0.1126	2.1681		28,809.24 93	28,809.24 93	1.5279		28,847.44 68
Worker	13.4977	7.3178	82.6938	0.2798	39.6096	0.2251	39.8347	10.5068	0.2071	10.7140		27,899.37 91	27,899.37 91	0.5050		27,912.00 31
<b>Total</b>	<b>15.9211</b>	<b>97.6646</b>	<b>105.8999</b>	<b>0.5509</b>	<b>46.7541</b>	<b>0.3428</b>	<b>47.0969</b>	<b>12.5624</b>	<b>0.3197</b>	<b>12.8821</b>		<b>56,708.62 84</b>	<b>56,708.62 84</b>	<b>2.0329</b>		<b>56,759.44 99</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2027**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4234	90.3468	23.2061	0.2711	7.1445	0.1178	7.2622	2.0555	0.1126	2.1681		28,809.24 93	28,809.24 93	1.5279		28,847.44 68
Worker	13.4977	7.3178	82.6938	0.2798	39.6096	0.2251	39.8347	10.5068	0.2071	10.7140		27,899.37 91	27,899.37 91	0.5050		27,912.00 31
<b>Total</b>	<b>15.9211</b>	<b>97.6646</b>	<b>105.8999</b>	<b>0.5509</b>	<b>46.7541</b>	<b>0.3428</b>	<b>47.0969</b>	<b>12.5624</b>	<b>0.3197</b>	<b>12.8821</b>		<b>56,708.62 84</b>	<b>56,708.62 84</b>	<b>2.0329</b>		<b>56,759.44 99</b>

**3.5 Building Construction - 2028**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2028**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3456	89.0365	22.3407	0.2698	7.1441	0.1122	7.2562	2.0554	0.1073	2.1626		28,685.42 41	28,685.42 41	1.5110		28,723.20 02
Worker	12.7170	6.7137	77.3576	0.2709	39.6096	0.2100	39.8197	10.5068	0.1933	10.7001		27,012.75 64	27,012.75 64	0.4620		27,024.30 53
<b>Total</b>	<b>15.0626</b>	<b>95.7501</b>	<b>99.6983</b>	<b>0.5407</b>	<b>46.7537</b>	<b>0.3222</b>	<b>47.0759</b>	<b>12.5622</b>	<b>0.3005</b>	<b>12.8628</b>		<b>55,698.18 06</b>	<b>55,698.18 06</b>	<b>1.9730</b>		<b>55,747.50 54</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2028**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3456	89.0365	22.3407	0.2698	7.1441	0.1122	7.2562	2.0554	0.1073	2.1626		28,685.42 41	28,685.42 41	1.5110		28,723.20 02
Worker	12.7170	6.7137	77.3576	0.2709	39.6096	0.2100	39.8197	10.5068	0.1933	10.7001		27,012.75 64	27,012.75 64	0.4620		27,024.30 53
<b>Total</b>	<b>15.0626</b>	<b>95.7501</b>	<b>99.6983</b>	<b>0.5407</b>	<b>46.7537</b>	<b>0.3222</b>	<b>47.0759</b>	<b>12.5622</b>	<b>0.3005</b>	<b>12.8628</b>		<b>55,698.18 06</b>	<b>55,698.18 06</b>	<b>1.9730</b>		<b>55,747.50 54</b>

**3.5 Building Construction - 2029**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2029**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2754	87.7901	21.6134	0.2687	7.1437	0.1065	7.2501	2.0552	0.1018	2.1570		28,572.6966	28,572.6966	1.4942		28,610.0524
Worker	11.8607	6.1496	72.2228	0.2629	39.6096	0.1956	39.8053	10.5068	0.1800	10.6868		26,226.6656	26,226.6656	0.4210		26,237.1894
<b>Total</b>	<b>14.1360</b>	<b>93.9397</b>	<b>93.8362</b>	<b>0.5316</b>	<b>46.7533</b>	<b>0.3021</b>	<b>47.0554</b>	<b>12.5621</b>	<b>0.2818</b>	<b>12.8439</b>		<b>54,799.3622</b>	<b>54,799.3622</b>	<b>1.9152</b>		<b>54,847.2418</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2029**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2754	87.7901	21.6134	0.2687	7.1437	0.1065	7.2501	2.0552	0.1018	2.1570		28,572.69 66	28,572.69 66	1.4942		28,610.05 24
Worker	11.8607	6.1496	72.2228	0.2629	39.6096	0.1956	39.8053	10.5068	0.1800	10.6868		26,226.66 56	26,226.66 56	0.4210		26,237.18 94
<b>Total</b>	<b>14.1360</b>	<b>93.9397</b>	<b>93.8362</b>	<b>0.5316</b>	<b>46.7533</b>	<b>0.3021</b>	<b>47.0554</b>	<b>12.5621</b>	<b>0.2818</b>	<b>12.8439</b>		<b>54,799.36 22</b>	<b>54,799.36 22</b>	<b>1.9152</b>		<b>54,847.24 18</b>

**3.5 Building Construction - 2030**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2030**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2121	86.6224	21.0134	0.2677	7.1433	0.1007	7.2440	2.0551	0.0963	2.1514		28,471.74 95	28,471.74 95	1.4768		28,508.66 91
Worker	11.0317	5.6406	67.6038	0.2559	39.6096	0.1822	39.7919	10.5068	0.1677	10.6745		25,533.99 16	25,533.99 16	0.3845		25,543.60 36
<b>Total</b>	<b>13.2438</b>	<b>92.2630</b>	<b>88.6171</b>	<b>0.5236</b>	<b>46.7529</b>	<b>0.2830</b>	<b>47.0359</b>	<b>12.5619</b>	<b>0.2640</b>	<b>12.8259</b>		<b>54,005.74 12</b>	<b>54,005.74 12</b>	<b>1.8613</b>		<b>54,052.27 27</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2030**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2121	86.6224	21.0134	0.2677	7.1433	0.1007	7.2440	2.0551	0.0963	2.1514		28,471.74 95	28,471.74 95	1.4768		28,508.66 91
Worker	11.0317	5.6406	67.6038	0.2559	39.6096	0.1822	39.7919	10.5068	0.1677	10.6745		25,533.99 16	25,533.99 16	0.3845		25,543.60 36
<b>Total</b>	<b>13.2438</b>	<b>92.2630</b>	<b>88.6171</b>	<b>0.5236</b>	<b>46.7529</b>	<b>0.2830</b>	<b>47.0359</b>	<b>12.5619</b>	<b>0.2640</b>	<b>12.8259</b>		<b>54,005.74 12</b>	<b>54,005.74 12</b>	<b>1.8613</b>		<b>54,052.27 27</b>

**3.5 Building Construction - 2031**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2031**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1586	85.5638	20.5196	0.2668	7.1431	0.0956	7.2387	2.0550	0.0914	2.1464		28,385.71 65	28,385.71 65	1.4617		28,422.25 98
Worker	10.1491	5.1598	63.1882	0.2498	39.6096	0.1695	39.7791	10.5068	0.1559	10.6628		24,926.15 46	24,926.15 46	0.3503		24,934.91 18
<b>Total</b>	<b>12.3076</b>	<b>90.7236</b>	<b>83.7078</b>	<b>0.5166</b>	<b>46.7527</b>	<b>0.2651</b>	<b>47.0178</b>	<b>12.5618</b>	<b>0.2473</b>	<b>12.8092</b>		<b>53,311.87 11</b>	<b>53,311.87 11</b>	<b>1.8120</b>		<b>53,357.17 17</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2031**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1586	85.5638	20.5196	0.2668	7.1431	0.0956	7.2387	2.0550	0.0914	2.1464		28,385.7165	28,385.7165	1.4617		28,422.2598
Worker	10.1491	5.1598	63.1882	0.2498	39.6096	0.1695	39.7791	10.5068	0.1559	10.6628		24,926.1546	24,926.1546	0.3503		24,934.9118
<b>Total</b>	<b>12.3076</b>	<b>90.7236</b>	<b>83.7078</b>	<b>0.5166</b>	<b>46.7527</b>	<b>0.2651</b>	<b>47.0178</b>	<b>12.5618</b>	<b>0.2473</b>	<b>12.8092</b>		<b>53,311.8711</b>	<b>53,311.8711</b>	<b>1.8120</b>		<b>53,357.1717</b>

**3.5 Building Construction - 2032**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2032**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1141	84.5818	20.1273	0.2661	7.1428	0.0916	7.2344	2.0549	0.0875	2.1425		28,315.2811	28,315.2811	1.4485		28,351.4930
Worker	9.3608	4.7455	59.2989	0.2444	39.6096	0.1577	39.7673	10.5068	0.1451	10.6519		24,396.8710	24,396.8710	0.3205		24,404.8839
<b>Total</b>	<b>11.4749</b>	<b>89.3272</b>	<b>79.4261</b>	<b>0.5106</b>	<b>46.7524</b>	<b>0.2493</b>	<b>47.0017</b>	<b>12.5617</b>	<b>0.2326</b>	<b>12.7943</b>		<b>52,712.1521</b>	<b>52,712.1521</b>	<b>1.7690</b>		<b>52,756.3770</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2032**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1141	84.5818	20.1273	0.2661	7.1428	0.0916	7.2344	2.0549	0.0875	2.1425		28,315.2811	28,315.2811	1.4485		28,351.4930
Worker	9.3608	4.7455	59.2989	0.2444	39.6096	0.1577	39.7673	10.5068	0.1451	10.6519		24,396.8710	24,396.8710	0.3205		24,404.8839
<b>Total</b>	<b>11.4749</b>	<b>89.3272</b>	<b>79.4261</b>	<b>0.5106</b>	<b>46.7524</b>	<b>0.2493</b>	<b>47.0017</b>	<b>12.5617</b>	<b>0.2326</b>	<b>12.7943</b>		<b>52,712.1521</b>	<b>52,712.1521</b>	<b>1.7690</b>		<b>52,756.3770</b>

**3.5 Building Construction - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0766	83.7085	19.7940	0.2655	7.1426	0.0881	7.2307	2.0549	0.0843	2.1391		28,253.44 28	28,253.44 28	1.4368		28,289.36 21
Worker	8.7197	4.4063	56.0231	0.2398	39.6096	0.1471	39.7567	10.5068	0.1353	10.6421		23,940.61 55	23,940.61 55	0.2957		23,948.00 87
<b>Total</b>	<b>10.7962</b>	<b>88.1148</b>	<b>75.8171</b>	<b>0.5053</b>	<b>46.7522</b>	<b>0.2352</b>	<b>46.9874</b>	<b>12.5617</b>	<b>0.2196</b>	<b>12.7812</b>		<b>52,194.05 84</b>	<b>52,194.05 84</b>	<b>1.7325</b>		<b>52,237.37 08</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0766	83.7085	19.7940	0.2655	7.1426	0.0881	7.2307	2.0549	0.0843	2.1391		28,253.44 28	28,253.44 28	1.4368		28,289.36 21
Worker	8.7197	4.4063	56.0231	0.2398	39.6096	0.1471	39.7567	10.5068	0.1353	10.6421		23,940.61 55	23,940.61 55	0.2957		23,948.00 87
<b>Total</b>	<b>10.7962</b>	<b>88.1148</b>	<b>75.8171</b>	<b>0.5053</b>	<b>46.7522</b>	<b>0.2352</b>	<b>46.9874</b>	<b>12.5617</b>	<b>0.2196</b>	<b>12.7812</b>		<b>52,194.05 84</b>	<b>52,194.05 84</b>	<b>1.7325</b>		<b>52,237.37 08</b>

**3.5 Building Construction - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0419	82.8990	19.4904	0.2650	7.1424	0.0848	7.2272	2.0548	0.0811	2.1358		28,201.2999	28,201.2999	1.4258		28,236.9445
Worker	8.1585	4.1171	52.9227	0.2358	39.6096	0.1372	39.7468	10.5068	0.1262	10.6330		23,546.4388	23,546.4388	0.2726		23,553.2532
<b>Total</b>	<b>10.2003</b>	<b>87.0161</b>	<b>72.4131</b>	<b>0.5008</b>	<b>46.7520</b>	<b>0.2220</b>	<b>46.9740</b>	<b>12.5616</b>	<b>0.2073</b>	<b>12.7689</b>		<b>51,747.7387</b>	<b>51,747.7387</b>	<b>1.6984</b>		<b>51,790.1977</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0419	82.8990	19.4904	0.2650	7.1424	0.0848	7.2272	2.0548	0.0811	2.1358		28,201.29 99	28,201.29 99	1.4258		28,236.94 45
Worker	8.1585	4.1171	52.9227	0.2358	39.6096	0.1372	39.7468	10.5068	0.1262	10.6330		23,546.43 88	23,546.43 88	0.2726		23,553.25 32
<b>Total</b>	<b>10.2003</b>	<b>87.0161</b>	<b>72.4131</b>	<b>0.5008</b>	<b>46.7520</b>	<b>0.2220</b>	<b>46.9740</b>	<b>12.5616</b>	<b>0.2073</b>	<b>12.7689</b>		<b>51,747.73 87</b>	<b>51,747.73 87</b>	<b>1.6984</b>		<b>51,790.19 77</b>

**3.5 Building Construction - 2035**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2035**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2035**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2036**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2036**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2036**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2037**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2037**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2037**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2038**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2038**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2038**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2039**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2039**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2039**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2040**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>		<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>



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**3.5 Building Construction - 2040**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>	<b>0.0000</b>	<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2040**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**3.5 Building Construction - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>		<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>	<b>0.0000</b>	<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**3.6 Paving - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>		<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.6 Paving - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.6 Paving - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**3.6 Paving - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>		<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.6 Paving - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.6 Paving - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**3.7 Architectural Coating - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**3.7 Architectural Coating - 2043**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2043**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2043**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Integrate Below Market Rate Housing

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	32.1190	185.8499	349.6608	1.4292	170.3417	0.7877	171.1294	45.4786	0.7317	46.2103		145,953.7924	145,953.7924	6.2341		146,109.6449
Unmitigated	32.2460	186.4951	352.5024	1.4447	172.4106	0.7951	173.2057	46.0310	0.7386	46.7695		147,534.5953	147,534.5953	6.2819		147,691.6415

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	10,972.35	11,921.40	10106.55	13,501,464	13,339,447
Apartments Mid Rise	20,515.25	19,713.15	18078.10	34,799,150	34,381,560
City Park	150.26	1,808.63	1330.83	1,025,459	1,013,153
Condo/Townhouse	871.50	850.50	726.00	2,175,327	2,149,223
Elementary School	1,535.29	0.00	0.00	2,306,054	2,278,381
General Light Industry	1,290.84	244.46	125.94	2,696,455	2,664,098
Racquet Club	883.89	1,345.05	1096.20	1,294,152	1,278,622
Regional Shopping Center	10,419.65	12,193.68	6159.06	14,063,079	13,894,322
<b>Total</b>	<b>46,639.03</b>	<b>48,076.87</b>	<b>37,622.68</b>	<b>71,861,140</b>	<b>70,998,807</b>

4.3 Trip Type Information

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	1.10	5.00	6.50	46.50	12.50	41.00	86	11	3
Apartments Mid Rise	4.47	5.00	6.50	46.50	12.50	41.00	86	11	3
City Park	10.00	5.00	6.50	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Elementary School	10.00	5.00	6.50	65.00	30.00	5.00	63	25	12
General Light Industry	10.00	5.00	6.50	59.00	28.00	13.00	92	5	3
Racquet Club	10.00	5.00	6.50	11.50	69.50	19.00	52	39	9
Regional Shopping Center	10.00	5.00	6.50	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Apartments Mid Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
City Park	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Condo/Townhouse	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Elementary School	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
General Light Industry	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Racquet Club	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Regional Shopping Center	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.9214	16.6078	8.3729	0.1048		1.3275	1.3275		1.3275	1.3275		20,960.1757	20,960.1757	0.4017	0.3843	21,084.7316
NaturalGas Unmitigated	1.9214	16.6078	8.3729	0.1048		1.3275	1.3275		1.3275	1.3275		20,960.1757	20,960.1757	0.4017	0.3843	21,084.7316

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	55190.1	0.5952	5.0861	2.1643	0.0325		0.4112	0.4112		0.4112	0.4112		6,492.9472	6,492.9472	0.1245	0.1190	6,531.5316
Apartments Mid Rise	82391.5	0.8885	7.5929	3.2310	0.0485		0.6139	0.6139		0.6139	0.6139		9,693.1148	9,693.1148	0.1858	0.1777	9,750.7161
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	8445.72	0.0911	0.7783	0.3312	4.9700e-003		0.0629	0.0629		0.0629	0.0629		993.6140	993.6140	0.0190	0.0182	999.5186
Elementary School	4159.92	0.0449	0.4078	0.3426	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.4021	489.4021	9.3800e-003	8.9700e-003	492.3104
General Light Industry	18169.9	0.1960	1.7814	1.4963	0.0107		0.1354	0.1354		0.1354	0.1354		2,137.6348	2,137.6348	0.0410	0.0392	2,150.3377
Racquet Club	6180.9	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3623.53	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.9214</b>	<b>16.6078</b>	<b>8.3729</b>	<b>0.1048</b>		<b>1.3275</b>	<b>1.3275</b>		<b>1.3275</b>	<b>1.3275</b>		<b>20,960.1757</b>	<b>20,960.1757</b>	<b>0.4017</b>	<b>0.3843</b>	<b>21,084.7316</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	55.1901	0.5952	5.0861	2.1643	0.0325		0.4112	0.4112		0.4112	0.4112		6,492.9472	6,492.9472	0.1245	0.1190	6,531.5316
Apartments Mid Rise	82.3915	0.8885	7.5929	3.2310	0.0485		0.6139	0.6139		0.6139	0.6139		9,693.1148	9,693.1148	0.1858	0.1777	9,750.7161
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	8.44572	0.0911	0.7783	0.3312	4.9700e-003		0.0629	0.0629		0.0629	0.0629		993.6140	993.6140	0.0190	0.0182	999.5186
Elementary School	4.15992	0.0449	0.4078	0.3426	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.4021	489.4021	9.3800e-003	8.9700e-003	492.3104
General Light Industry	18.1699	0.1960	1.7814	1.4963	0.0107		0.1354	0.1354		0.1354	0.1354		2,137.6348	2,137.6348	0.0410	0.0392	2,150.3377
Racquet Club	6.1809	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3.62353	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.9214</b>	<b>16.6078</b>	<b>8.3729</b>	<b>0.1048</b>		<b>1.3275</b>	<b>1.3275</b>		<b>1.3275</b>	<b>1.3275</b>		<b>20,960.1757</b>	<b>20,960.1757</b>	<b>0.4017</b>	<b>0.3843</b>	<b>21,084.7316</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Unmitigated	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.3031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.7012					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0509	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421		728.0532	728.0532	0.6933		745.3858
<b>Total</b>	<b>148.0552</b>	<b>4.6482</b>	<b>402.9034</b>	<b>0.0214</b>		<b>2.2421</b>	<b>2.2421</b>		<b>2.2421</b>	<b>2.2421</b>	<b>0.0000</b>	<b>728.0532</b>	<b>728.0532</b>	<b>0.6933</b>	<b>0.0000</b>	<b>745.3858</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.3031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.7012					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0509	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421		728.0532	728.0532	0.6933		745.3858
<b>Total</b>	<b>148.0552</b>	<b>4.6482</b>	<b>402.9034</b>	<b>0.0214</b>		<b>2.2421</b>	<b>2.2421</b>		<b>2.2421</b>	<b>2.2421</b>	<b>0.0000</b>	<b>728.0532</b>	<b>728.0532</b>	<b>0.6933</b>	<b>0.0000</b>	<b>745.3858</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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West Broadway Future\_Default - Sacramento County, Winter

**West Broadway Future\_Default**  
**Sacramento County, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	99.50	1000sqft	2.28	99,500.00	0
General Light Industry	185.20	1000sqft	4.25	185,200.00	0
City Park	79.50	Acre	79.50	3,463,020.00	0
Racquet Club	63.00	1000sqft	1.45	63,000.00	0
Apartments Low Rise	1,665.00	Dwelling Unit	104.06	1,665,000.00	4446
Apartments Mid Rise	3,085.00	Dwelling Unit	81.18	3,085,000.00	8237
Condo/Townhouse	150.00	Dwelling Unit	9.38	150,000.00	401
Regional Shopping Center	244.02	1000sqft	5.60	244,020.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.5	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	6			<b>Operational Year</b>	2035
<b>Utility Company</b>	Sacramento Municipal Utility District				
<b>CO2 Intensity (lb/MW hr)</b>	143.85	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

West Broadway Future\_Default - Sacramento County, Winter

Project Characteristics -

Vehicle Trips -

Mobile Land Use Mitigation -

Table Name	Column Name	Default Value	New Value
tblEnergyUse	T24E	511.12	240.23
tblEnergyUse	T24E	460.92	428.66
tblEnergyUse	T24E	381.61	354.90
tblEnergyUse	T24E	3.41	2.40
tblEnergyUse	T24E	3.26	2.30
tblEnergyUse	T24NG	9,411.72	8,752.90
tblProjectCharacteristics	CO2IntensityFactor	590.31	143.85

## 2.0 Emissions Summary

### 2.1 Overall Construction (Maximum Daily Emission)

#### Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.3988	34.2446	22.4075	0.0426	0.9636	1.6631	2.6267	0.1669	1.5461	1.7129	0.0000	4,141.9974	4,141.9974	1.0784	0.0000	4,168.9575
2021	4.2650	46.4505	31.3888	0.0634	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,141.6763	6,141.6763	1.9464	0.0000	6,190.3360
2022	3.6939	38.8890	29.5095	0.0634	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,141.2229	6,141.2229	1.9474	0.0000	6,189.9086
2023	21.2742	122.2499	156.5951	0.6310	46.7565	1.4255	47.8573	12.5632	1.3114	13.5963	0.0000	64,525.5978	64,525.5978	2.9565	0.0000	64,599.5095

West Broadway Future\_Default - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	20.0534	118.4241	146.2173	0.6165	46.7558	1.0010	47.7567	12.5630	0.9388	13.5018	0.0000	63,092.90 38	63,092.90 38	2.8589	0.0000	63,164.37 59
2025	18.9753	114.7957	136.9677	0.6022	46.7551	0.9030	47.6582	12.5628	0.8466	13.4094	0.0000	61,679.21 42	61,679.21 42	2.7727	0.0000	61,748.53 16
2026	18.1198	112.3588	129.0718	0.5894	46.7546	0.8883	47.6429	12.5625	0.8328	13.3953	0.0000	60,409.35 73	60,409.35 73	2.7003	0.0000	60,476.86 54
2027	17.2885	110.1343	121.9846	0.5778	46.7541	0.8704	47.6244	12.5624	0.8160	13.3783	0.0000	59,265.10 27	59,265.10 27	2.6338	0.0000	59,330.94 79
2028	16.4300	108.2198	115.7830	0.5677	46.7537	0.8498	47.6034	12.5622	0.7968	13.3590	0.0000	58,254.65 49	58,254.65 49	2.5739	0.0000	58,319.00 35
2029	15.5034	106.4094	109.9209	0.5586	46.7533	0.8297	47.5830	12.5621	0.7781	13.3401	0.0000	57,355.83 66	57,355.83 66	2.5161	0.0000	57,418.73 98
2030	14.5529	100.1977	104.7741	0.5546	46.7529	0.4311	47.1840	12.5619	0.4121	12.9740	0.0000	56,903.28 79	56,903.28 79	1.9775	0.0000	56,952.72 56
2031	13.6167	98.6582	99.8647	0.5476	46.7527	0.4133	47.1659	12.5618	0.3955	12.9573	0.0000	56,209.41 79	56,209.41 79	1.9283	0.0000	56,257.62 45
2032	12.7840	97.2618	95.5831	0.5415	46.7524	0.3974	47.1498	12.5617	0.3807	12.9425	0.0000	55,609.69 88	55,609.69 88	1.8852	0.0000	55,656.82 98
2033	12.1054	96.0494	91.9741	0.5363	46.7522	0.3834	47.1356	12.5617	0.3677	12.9294	0.0000	55,091.60 51	55,091.60 51	1.8487	0.0000	55,137.82 36
2034	11.5095	94.9507	88.5700	0.5318	46.7520	0.3701	47.1222	12.5616	0.3554	12.9170	0.0000	54,645.28 55	54,645.28 55	1.8146	0.0000	54,690.65 06
2035	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2036	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2037	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2038	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2039	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2040	9.0029	89.8678	76.5969	0.5169	46.7513	0.2473	46.9986	12.5613	0.2361	12.7974	0.0000	53,170.73 78	53,170.73 78	1.6720	0.0000	53,212.53 66
2041	9.0029	89.8678	76.5969	0.5169	46.7513	0.2473	46.9986	12.5613	0.2361	12.7974	0.0000	53,170.73 78	53,170.73 78	1.6720	0.0000	53,212.53 66

West Broadway Future\_Default - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2042	203.7352	3.6657	15.9387	0.0474	7.9189	0.1167	7.9460	2.1006	0.1167	2.1261	0.0000	4,718.8696	4,718.8696	0.0898	0.0000	4,720.0798
2043	203.7352	1.3616	10.1907	0.0474	7.9189	0.0271	7.9460	2.1006	0.0255	2.1261	0.0000	4,718.8696	4,718.8696	0.0484	0.0000	4,720.0798
<b>Maximum</b>	<b>203.7352</b>	<b>122.2499</b>	<b>156.5951</b>	<b>0.6310</b>	<b>46.7565</b>	<b>2.0454</b>	<b>47.8573</b>	<b>12.5632</b>	<b>1.8818</b>	<b>13.5963</b>	<b>0.0000</b>	<b>64,525.5978</b>	<b>64,525.5978</b>	<b>2.9565</b>	<b>0.0000</b>	<b>64,599.5095</b>

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.3988	34.2446	22.4075	0.0426	0.9636	1.6631	2.6267	0.1669	1.5461	1.7129	0.0000	4,141.9974	4,141.9974	1.0784	0.0000	4,168.9575
2021	4.2650	46.4505	31.3888	0.0634	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,141.6763	6,141.6763	1.9464	0.0000	6,190.3360
2022	3.6939	38.8890	29.5095	0.0634	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,141.2229	6,141.2229	1.9474	0.0000	6,189.9086
2023	21.2742	122.2499	156.5951	0.6310	46.7565	1.4255	47.8573	12.5632	1.3114	13.5963	0.0000	64,525.5978	64,525.5978	2.9565	0.0000	64,599.5095
2024	20.0534	118.4241	146.2173	0.6165	46.7558	1.0010	47.7567	12.5630	0.9388	13.5018	0.0000	63,092.9038	63,092.9038	2.8589	0.0000	63,164.3759
2025	18.9753	114.7957	136.9677	0.6022	46.7551	0.9030	47.6582	12.5628	0.8466	13.4094	0.0000	61,679.2142	61,679.2142	2.7727	0.0000	61,748.5316
2026	18.1198	112.3588	129.0718	0.5894	46.7546	0.8883	47.6429	12.5625	0.8328	13.3953	0.0000	60,409.3573	60,409.3573	2.7003	0.0000	60,476.8654
2027	17.2885	110.1343	121.9846	0.5778	46.7541	0.8704	47.6244	12.5624	0.8160	13.3783	0.0000	59,265.1027	59,265.1027	2.6338	0.0000	59,330.9479
2028	16.4300	108.2198	115.7830	0.5677	46.7537	0.8498	47.6034	12.5622	0.7968	13.3590	0.0000	58,254.6549	58,254.6549	2.5739	0.0000	58,319.0035



West Broadway Future\_Default - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2029	15.5034	106.4094	109.9209	0.5586	46.7533	0.8297	47.5830	12.5621	0.7781	13.3401	0.0000	57,355.83 66	57,355.83 66	2.5161	0.0000	57,418.73 98
2030	14.5529	100.1977	104.7741	0.5546	46.7529	0.4311	47.1840	12.5619	0.4121	12.9740	0.0000	56,903.28 79	56,903.28 79	1.9775	0.0000	56,952.72 56
2031	13.6167	98.6582	99.8647	0.5476	46.7527	0.4133	47.1659	12.5618	0.3955	12.9573	0.0000	56,209.41 79	56,209.41 79	1.9283	0.0000	56,257.62 45
2032	12.7840	97.2618	95.5831	0.5415	46.7524	0.3974	47.1498	12.5617	0.3807	12.9425	0.0000	55,609.69 88	55,609.69 88	1.8852	0.0000	55,656.82 98
2033	12.1054	96.0494	91.9741	0.5363	46.7522	0.3834	47.1356	12.5617	0.3677	12.9294	0.0000	55,091.60 51	55,091.60 51	1.8487	0.0000	55,137.82 36
2034	11.5095	94.9507	88.5700	0.5318	46.7520	0.3701	47.1222	12.5616	0.3554	12.9170	0.0000	54,645.28 55	54,645.28 55	1.8146	0.0000	54,690.65 06
2035	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2036	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2037	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2038	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2039	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2040	9.0029	89.8678	76.5969	0.5169	46.7513	0.2473	46.9986	12.5613	0.2361	12.7974	0.0000	53,170.73 78	53,170.73 78	1.6720	0.0000	53,212.53 66
2041	9.0029	89.8678	76.5969	0.5169	46.7513	0.2473	46.9986	12.5613	0.2361	12.7974	0.0000	53,170.73 78	53,170.73 78	1.6720	0.0000	53,212.53 66
2042	203.7352	3.6657	15.9387	0.0474	7.9189	0.1167	7.9460	2.1006	0.1167	2.1261	0.0000	4,718.869 6	4,718.869 6	0.0898	0.0000	4,720.079 8
2043	203.7352	1.3616	10.1907	0.0474	7.9189	0.0271	7.9460	2.1006	0.0255	2.1261	0.0000	4,718.869 6	4,718.869 6	0.0484	0.0000	4,720.079 8
<b>Maximum</b>	<b>203.7352</b>	<b>122.2499</b>	<b>156.5951</b>	<b>0.6310</b>	<b>46.7565</b>	<b>2.0454</b>	<b>47.8573</b>	<b>12.5632</b>	<b>1.8818</b>	<b>13.5963</b>	<b>0.0000</b>	<b>64,525.59 78</b>	<b>64,525.59 78</b>	<b>2.9565</b>	<b>0.0000</b>	<b>64,599.50 95</b>



West Broadway Future\_Default - Sacramento County, Winter

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Energy	1.8889	16.3309	8.2551	0.1030		1.3051	1.3051		1.3051	1.3051		20,606.6108	20,606.6108	0.3950	0.3778	20,729.0656
Mobile	36.5305	208.2662	448.3959	1.9678	242.2294	1.0452	243.2746	64.6715	0.9712	65.6427		200,881.0001	200,881.0001	7.8931		201,078.3288
<b>Total</b>	<b>186.4746</b>	<b>229.2453</b>	<b>859.5544</b>	<b>2.0922</b>	<b>242.2294</b>	<b>4.5923</b>	<b>246.8218</b>	<b>64.6715</b>	<b>4.5183</b>	<b>69.1899</b>	<b>0.0000</b>	<b>222,215.6641</b>	<b>222,215.6641</b>	<b>8.9814</b>	<b>0.3778</b>	<b>222,552.7801</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Energy	1.8889	16.3309	8.2551	0.1030		1.3051	1.3051		1.3051	1.3051		20,606.6108	20,606.6108	0.3950	0.3778	20,729.0656
Mobile	36.3521	207.3598	444.4036	1.9460	239.3227	1.0348	240.3575	63.8955	0.9615	64.8570		198,660.0404	198,660.0404	7.8261		198,855.6919
<b>Total</b>	<b>186.2962</b>	<b>228.3389</b>	<b>855.5620</b>	<b>2.0704</b>	<b>239.3227</b>	<b>4.5819</b>	<b>243.9046</b>	<b>63.8955</b>	<b>4.5087</b>	<b>68.4041</b>	<b>0.0000</b>	<b>219,994.7043</b>	<b>219,994.7043</b>	<b>8.9143</b>	<b>0.3778</b>	<b>220,330.1432</b>

West Broadway Future\_Default - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.10	0.40	0.46	1.04	1.20	0.23	1.18	1.20	0.21	1.14	0.00	1.00	1.00	0.75	0.00	1.00

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	2/23/2021	5	300	
2	Site Preparation	Site Preparation	2/24/2021	11/2/2021	5	180	
3	Grading	Grading	11/3/2021	8/15/2023	5	465	
4	Building Construction	Building Construction	8/16/2023	6/11/2041	5	4650	
5	Paving	Paving	6/12/2041	9/16/2042	5	330	
6	Architectural Coating	Architectural Coating	9/17/2042	12/22/2043	5	330	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 887,580; Non-Residential Outdoor: 295,860; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment

## West Broadway Future\_Default - Sacramento County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

West Broadway Future\_Default - Sacramento County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	1,040.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,207.00	1,188.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,041.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>		<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0272	1.0012	0.2350	2.7000e-003	0.0670	3.6300e-003	0.0706	0.0181	3.4800e-003	0.0216		289.7592	289.7592	0.0175		290.1955
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0595	0.0424	0.4194	1.0500e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		104.5333	104.5333	3.0100e-003		104.6084
<b>Total</b>	<b>0.0867</b>	<b>1.0436</b>	<b>0.6543</b>	<b>3.7500e-003</b>	<b>0.1811</b>	<b>4.4200e-003</b>	<b>0.1855</b>	<b>0.0484</b>	<b>4.2100e-003</b>	<b>0.0526</b>		<b>394.2924</b>	<b>394.2924</b>	<b>0.0205</b>		<b>394.8039</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>	<b>0.0000</b>	<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0272	1.0012	0.2350	2.7000e-003	0.0670	3.6300e-003	0.0706	0.0181	3.4800e-003	0.0216		289.7592	289.7592	0.0175		290.1955
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0595	0.0424	0.4194	1.0500e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		104.5333	104.5333	3.0100e-003		104.6084
<b>Total</b>	<b>0.0867</b>	<b>1.0436</b>	<b>0.6543</b>	<b>3.7500e-003</b>	<b>0.1811</b>	<b>4.4200e-003</b>	<b>0.1855</b>	<b>0.0484</b>	<b>4.2100e-003</b>	<b>0.0526</b>		<b>394.2924</b>	<b>394.2924</b>	<b>0.0205</b>		<b>394.8039</b>

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>		<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>



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**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0251	0.9188	0.2176	2.6700e-003	0.3763	3.2000e-003	0.3795	0.0941	3.0600e-003	0.0971		286.3691	286.3691	0.0171		286.7967
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0554	0.0380	0.3827	1.0100e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		100.9746	100.9746	2.6900e-003		101.0419
<b>Total</b>	<b>0.0805</b>	<b>0.9568</b>	<b>0.6003</b>	<b>3.6800e-003</b>	<b>0.4904</b>	<b>3.9700e-003</b>	<b>0.4944</b>	<b>0.1243</b>	<b>3.7700e-003</b>	<b>0.1281</b>		<b>387.3437</b>	<b>387.3437</b>	<b>0.0198</b>		<b>387.8386</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>	<b>0.0000</b>	<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

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**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0251	0.9188	0.2176	2.6700e-003	0.3763	3.2000e-003	0.3795	0.0941	3.0600e-003	0.0971		286.3691	286.3691	0.0171		286.7967
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0554	0.0380	0.3827	1.0100e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		100.9746	100.9746	2.6900e-003		101.0419
<b>Total</b>	<b>0.0805</b>	<b>0.9568</b>	<b>0.6003</b>	<b>3.6800e-003</b>	<b>0.4904</b>	<b>3.9700e-003</b>	<b>0.4944</b>	<b>0.1243</b>	<b>3.7700e-003</b>	<b>0.1281</b>		<b>387.3437</b>	<b>387.3437</b>	<b>0.0198</b>		<b>387.8386</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>		<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0664	0.0456	0.4593	1.2200e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		121.1696	121.1696	3.2300e-003		121.2503
<b>Total</b>	<b>0.0664</b>	<b>0.0456</b>	<b>0.4593</b>	<b>1.2200e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>121.1696</b>	<b>121.1696</b>	<b>3.2300e-003</b>		<b>121.2503</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>	<b>0.0000</b>	<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0664	0.0456	0.4593	1.2200e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		121.1696	121.1696	3.2300e-003		121.2503
<b>Total</b>	<b>0.0664</b>	<b>0.0456</b>	<b>0.4593</b>	<b>1.2200e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>121.1696</b>	<b>121.1696</b>	<b>3.2300e-003</b>		<b>121.2503</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>		<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

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**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0738	0.0507	0.5103	1.3500e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		134.6329	134.6329	3.5900e-003		134.7226
<b>Total</b>	<b>0.0738</b>	<b>0.0507</b>	<b>0.5103</b>	<b>1.3500e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>134.6329</b>	<b>134.6329</b>	<b>3.5900e-003</b>		<b>134.7226</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>	<b>0.0000</b>	<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

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**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0738	0.0507	0.5103	1.3500e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		134.6329	134.6329	3.5900e-003		134.7226
<b>Total</b>	<b>0.0738</b>	<b>0.0507</b>	<b>0.5103</b>	<b>1.3500e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>134.6329</b>	<b>134.6329</b>	<b>3.5900e-003</b>		<b>134.7226</b>

**3.4 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>		<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0690	0.0456	0.4680	1.3000e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		129.8123	129.8123	3.2200e-003		129.8928
<b>Total</b>	<b>0.0690</b>	<b>0.0456</b>	<b>0.4680</b>	<b>1.3000e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>129.8123</b>	<b>129.8123</b>	<b>3.2200e-003</b>		<b>129.8928</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>	<b>0.0000</b>	<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0690	0.0456	0.4680	1.3000e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		129.8123	129.8123	3.2200e-003		129.8928
<b>Total</b>	<b>0.0690</b>	<b>0.0456</b>	<b>0.4680</b>	<b>1.3000e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>129.8123</b>	<b>129.8123</b>	<b>3.2200e-003</b>		<b>129.8928</b>

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>		<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>



West Broadway Future\_Default - Sacramento County, Winter

**3.4 Grading - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0410	0.4288	1.2500e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		124.9394	124.9394	2.8800e-003		125.0114
<b>Total</b>	<b>0.0647</b>	<b>0.0410</b>	<b>0.4288</b>	<b>1.2500e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>124.9394</b>	<b>124.9394</b>	<b>2.8800e-003</b>		<b>125.0114</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>	<b>0.0000</b>	<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.4 Grading - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0410	0.4288	1.2500e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		124.9394	124.9394	2.8800e-003		125.0114
<b>Total</b>	<b>0.0647</b>	<b>0.0410</b>	<b>0.4288</b>	<b>1.2500e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>124.9394</b>	<b>124.9394</b>	<b>2.8800e-003</b>		<b>125.0114</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.8608	97.1949	28.7205	0.2776	7.1468	0.1470	7.2939	2.0564	0.1406	2.1970		29,442.4101	29,442.4101	1.5995		29,482.3967
Worker	16.8406	10.6702	111.6307	0.3265	39.6096	0.2541	39.8637	10.5068	0.2340	10.7409		32,527.9778	32,527.9778	0.7492		32,546.7067
<b>Total</b>	<b>19.7014</b>	<b>107.8651</b>	<b>140.3511</b>	<b>0.6040</b>	<b>46.7565</b>	<b>0.4011</b>	<b>47.1575</b>	<b>12.5632</b>	<b>0.3746</b>	<b>12.9378</b>		<b>61,970.3878</b>	<b>61,970.3878</b>	<b>2.3486</b>		<b>62,029.1034</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.8608	97.1949	28.7205	0.2776	7.1468	0.1470	7.2939	2.0564	0.1406	2.1970		29,442.4101	29,442.4101	1.5995		29,482.3967
Worker	16.8406	10.6702	111.6307	0.3265	39.6096	0.2541	39.8637	10.5068	0.2340	10.7409		32,527.9778	32,527.9778	0.7492		32,546.7067
<b>Total</b>	<b>19.7014</b>	<b>107.8651</b>	<b>140.3511</b>	<b>0.6040</b>	<b>46.7565</b>	<b>0.4011</b>	<b>47.1575</b>	<b>12.5632</b>	<b>0.3746</b>	<b>12.9378</b>		<b>61,970.3878</b>	<b>61,970.3878</b>	<b>2.3486</b>		<b>62,029.1034</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>		<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7242	95.3374	26.8405	0.2758	7.1462	0.1392	7.2854	2.0562	0.1331	2.1893		29,273.1878	29,273.1878	1.5800		29,312.6887
Worker	15.8576	9.6430	103.2100	0.3137	39.6096	0.2485	39.8581	10.5068	0.2288	10.7356		31,264.0171	31,264.0171	0.6745		31,280.8796
<b>Total</b>	<b>18.5818</b>	<b>104.9804</b>	<b>130.0505</b>	<b>0.5895</b>	<b>46.7558</b>	<b>0.3877</b>	<b>47.1434</b>	<b>12.5630</b>	<b>0.3619</b>	<b>12.9249</b>		<b>60,537.2049</b>	<b>60,537.2049</b>	<b>2.2545</b>		<b>60,593.5683</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>	<b>0.0000</b>	<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7242	95.3374	26.8405	0.2758	7.1462	0.1392	7.2854	2.0562	0.1331	2.1893		29,273.1878	29,273.1878	1.5800		29,312.6887
Worker	15.8576	9.6430	103.2100	0.3137	39.6096	0.2485	39.8581	10.5068	0.2288	10.7356		31,264.0171	31,264.0171	0.6745		31,280.8796
<b>Total</b>	<b>18.5818</b>	<b>104.9804</b>	<b>130.0505</b>	<b>0.5895</b>	<b>46.7558</b>	<b>0.3877</b>	<b>47.1434</b>	<b>12.5630</b>	<b>0.3619</b>	<b>12.9249</b>		<b>60,537.2049</b>	<b>60,537.2049</b>	<b>2.2545</b>		<b>60,593.5683</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6110	93.5705	25.4014	0.2741	7.1455	0.1316	7.2772	2.0559	0.1259	2.1818		29,109.9284	29,109.9284	1.5613		29,148.9616
Worker	14.9969	8.7555	95.4816	0.3011	39.6096	0.2439	39.8535	10.5068	0.2245	10.7313		30,012.8115	30,012.8115	0.6104		30,028.0719
<b>Total</b>	<b>17.6079</b>	<b>102.3260</b>	<b>120.8830</b>	<b>0.5752</b>	<b>46.7551</b>	<b>0.3755</b>	<b>47.1306</b>	<b>12.5628</b>	<b>0.3504</b>	<b>12.9131</b>		<b>59,122.7399</b>	<b>59,122.7399</b>	<b>2.1718</b>		<b>59,177.0335</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

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**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6110	93.5705	25.4014	0.2741	7.1455	0.1316	7.2772	2.0559	0.1259	2.1818		29,109.9284	29,109.9284	1.5613		29,148.9616
Worker	14.9969	8.7555	95.4816	0.3011	39.6096	0.2439	39.8535	10.5068	0.2245	10.7313		30,012.8115	30,012.8115	0.6104		30,028.0719
<b>Total</b>	<b>17.6079</b>	<b>102.3260</b>	<b>120.8830</b>	<b>0.5752</b>	<b>46.7551</b>	<b>0.3755</b>	<b>47.1306</b>	<b>12.5628</b>	<b>0.3504</b>	<b>12.9131</b>		<b>59,122.7399</b>	<b>59,122.7399</b>	<b>2.1718</b>		<b>59,177.0335</b>

**3.5 Building Construction - 2026**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>



West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	2.5111	91.8911	24.2274	0.2726	7.1450	0.1241	7.2690	2.0557	0.1186	2.1744		28,955.01 35	28,955.01 35	1.5444			28,993.62 42
Worker	14.2414	7.9980	88.7598	0.2899	39.6096	0.2367	39.8463	10.5068	0.2179	10.7247		28,897.86 94	28,897.86 94	0.5550			28,911.743 1
<b>Total</b>	<b>16.7524</b>	<b>99.8891</b>	<b>112.9872</b>	<b>0.5624</b>	<b>46.7546</b>	<b>0.3608</b>	<b>47.1154</b>	<b>12.5625</b>	<b>0.3365</b>	<b>12.8991</b>		<b>57,852.88 30</b>	<b>57,852.88 30</b>	<b>2.0994</b>			<b>57,905.36 73</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010			2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>			<b>2,571.498 1</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5111	91.8911	24.2274	0.2726	7.1450	0.1241	7.2690	2.0557	0.1186	2.1744		28,955.01 35	28,955.01 35	1.5444		28,993.62 42
Worker	14.2414	7.9980	88.7598	0.2899	39.6096	0.2367	39.8463	10.5068	0.2179	10.7247		28,897.86 94	28,897.86 94	0.5550		28,911.743 1
<b>Total</b>	<b>16.7524</b>	<b>99.8891</b>	<b>112.9872</b>	<b>0.5624</b>	<b>46.7546</b>	<b>0.3608</b>	<b>47.1154</b>	<b>12.5625</b>	<b>0.3365</b>	<b>12.8991</b>		<b>57,852.88 30</b>	<b>57,852.88 30</b>	<b>2.0994</b>		<b>57,905.36 73</b>

**3.5 Building Construction - 2027**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2027**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4234	90.3468	23.2061	0.2711	7.1445	0.1178	7.2622	2.0555	0.1126	2.1681		28,809.24 93	28,809.24 93	1.5279		28,847.44 68
Worker	13.4977	7.3178	82.6938	0.2798	39.6096	0.2251	39.8347	10.5068	0.2071	10.7140		27,899.37 91	27,899.37 91	0.5050		27,912.00 31
<b>Total</b>	<b>15.9211</b>	<b>97.6646</b>	<b>105.8999</b>	<b>0.5509</b>	<b>46.7541</b>	<b>0.3428</b>	<b>47.0969</b>	<b>12.5624</b>	<b>0.3197</b>	<b>12.8821</b>		<b>56,708.62 84</b>	<b>56,708.62 84</b>	<b>2.0329</b>		<b>56,759.44 99</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2027**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4234	90.3468	23.2061	0.2711	7.1445	0.1178	7.2622	2.0555	0.1126	2.1681		28,809.24 93	28,809.24 93	1.5279		28,847.44 68
Worker	13.4977	7.3178	82.6938	0.2798	39.6096	0.2251	39.8347	10.5068	0.2071	10.7140		27,899.37 91	27,899.37 91	0.5050		27,912.00 31
<b>Total</b>	<b>15.9211</b>	<b>97.6646</b>	<b>105.8999</b>	<b>0.5509</b>	<b>46.7541</b>	<b>0.3428</b>	<b>47.0969</b>	<b>12.5624</b>	<b>0.3197</b>	<b>12.8821</b>		<b>56,708.62 84</b>	<b>56,708.62 84</b>	<b>2.0329</b>		<b>56,759.44 99</b>

**3.5 Building Construction - 2028**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2028**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3456	89.0365	22.3407	0.2698	7.1441	0.1122	7.2562	2.0554	0.1073	2.1626		28,685.42 41	28,685.42 41	1.5110		28,723.20 02
Worker	12.7170	6.7137	77.3576	0.2709	39.6096	0.2100	39.8197	10.5068	0.1933	10.7001		27,012.75 64	27,012.75 64	0.4620		27,024.30 53
<b>Total</b>	<b>15.0626</b>	<b>95.7501</b>	<b>99.6983</b>	<b>0.5407</b>	<b>46.7537</b>	<b>0.3222</b>	<b>47.0759</b>	<b>12.5622</b>	<b>0.3005</b>	<b>12.8628</b>		<b>55,698.18 06</b>	<b>55,698.18 06</b>	<b>1.9730</b>		<b>55,747.50 54</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2028**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	2.3456	89.0365	22.3407	0.2698	7.1441	0.1122	7.2562	2.0554	0.1073	2.1626		28,685.42 41	28,685.42 41	1.5110			28,723.20 02
Worker	12.7170	6.7137	77.3576	0.2709	39.6096	0.2100	39.8197	10.5068	0.1933	10.7001		27,012.75 64	27,012.75 64	0.4620			27,024.30 53
<b>Total</b>	<b>15.0626</b>	<b>95.7501</b>	<b>99.6983</b>	<b>0.5407</b>	<b>46.7537</b>	<b>0.3222</b>	<b>47.0759</b>	<b>12.5622</b>	<b>0.3005</b>	<b>12.8628</b>		<b>55,698.18 06</b>	<b>55,698.18 06</b>	<b>1.9730</b>			<b>55,747.50 54</b>

**3.5 Building Construction - 2029**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010			2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>			<b>2,571.498 1</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2029**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2754	87.7901	21.6134	0.2687	7.1437	0.1065	7.2501	2.0552	0.1018	2.1570		28,572.6966	28,572.6966	1.4942		28,610.0524
Worker	11.8607	6.1496	72.2228	0.2629	39.6096	0.1956	39.8053	10.5068	0.1800	10.6868		26,226.6656	26,226.6656	0.4210		26,237.1894
<b>Total</b>	<b>14.1360</b>	<b>93.9397</b>	<b>93.8362</b>	<b>0.5316</b>	<b>46.7533</b>	<b>0.3021</b>	<b>47.0554</b>	<b>12.5621</b>	<b>0.2818</b>	<b>12.8439</b>		<b>54,799.3622</b>	<b>54,799.3622</b>	<b>1.9152</b>		<b>54,847.2418</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2029**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2754	87.7901	21.6134	0.2687	7.1437	0.1065	7.2501	2.0552	0.1018	2.1570		28,572.6966	28,572.6966	1.4942		28,610.0524
Worker	11.8607	6.1496	72.2228	0.2629	39.6096	0.1956	39.8053	10.5068	0.1800	10.6868		26,226.6656	26,226.6656	0.4210		26,237.1894
<b>Total</b>	<b>14.1360</b>	<b>93.9397</b>	<b>93.8362</b>	<b>0.5316</b>	<b>46.7533</b>	<b>0.3021</b>	<b>47.0554</b>	<b>12.5621</b>	<b>0.2818</b>	<b>12.8439</b>		<b>54,799.3622</b>	<b>54,799.3622</b>	<b>1.9152</b>		<b>54,847.2418</b>

**3.5 Building Construction - 2030**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>



West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2030**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2121	86.6224	21.0134	0.2677	7.1433	0.1007	7.2440	2.0551	0.0963	2.1514		28,471.74 95	28,471.74 95	1.4768		28,508.66 91
Worker	11.0317	5.6406	67.6038	0.2559	39.6096	0.1822	39.7919	10.5068	0.1677	10.6745		25,533.99 16	25,533.99 16	0.3845		25,543.60 36
<b>Total</b>	<b>13.2438</b>	<b>92.2630</b>	<b>88.6171</b>	<b>0.5236</b>	<b>46.7529</b>	<b>0.2830</b>	<b>47.0359</b>	<b>12.5619</b>	<b>0.2640</b>	<b>12.8259</b>		<b>54,005.74 12</b>	<b>54,005.74 12</b>	<b>1.8613</b>		<b>54,052.27 27</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2030**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2121	86.6224	21.0134	0.2677	7.1433	0.1007	7.2440	2.0551	0.0963	2.1514		28,471.74 95	28,471.74 95	1.4768		28,508.66 91
Worker	11.0317	5.6406	67.6038	0.2559	39.6096	0.1822	39.7919	10.5068	0.1677	10.6745		25,533.99 16	25,533.99 16	0.3845		25,543.60 36
<b>Total</b>	<b>13.2438</b>	<b>92.2630</b>	<b>88.6171</b>	<b>0.5236</b>	<b>46.7529</b>	<b>0.2830</b>	<b>47.0359</b>	<b>12.5619</b>	<b>0.2640</b>	<b>12.8259</b>		<b>54,005.74 12</b>	<b>54,005.74 12</b>	<b>1.8613</b>		<b>54,052.27 27</b>

**3.5 Building Construction - 2031**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2031**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1586	85.5638	20.5196	0.2668	7.1431	0.0956	7.2387	2.0550	0.0914	2.1464		28,385.71 65	28,385.71 65	1.4617		28,422.25 98
Worker	10.1491	5.1598	63.1882	0.2498	39.6096	0.1695	39.7791	10.5068	0.1559	10.6628		24,926.15 46	24,926.15 46	0.3503		24,934.91 18
<b>Total</b>	<b>12.3076</b>	<b>90.7236</b>	<b>83.7078</b>	<b>0.5166</b>	<b>46.7527</b>	<b>0.2651</b>	<b>47.0178</b>	<b>12.5618</b>	<b>0.2473</b>	<b>12.8092</b>		<b>53,311.87 11</b>	<b>53,311.87 11</b>	<b>1.8120</b>		<b>53,357.17 17</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2031**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1586	85.5638	20.5196	0.2668	7.1431	0.0956	7.2387	2.0550	0.0914	2.1464		28,385.7165	28,385.7165	1.4617		28,422.2598
Worker	10.1491	5.1598	63.1882	0.2498	39.6096	0.1695	39.7791	10.5068	0.1559	10.6628		24,926.1546	24,926.1546	0.3503		24,934.9118
<b>Total</b>	<b>12.3076</b>	<b>90.7236</b>	<b>83.7078</b>	<b>0.5166</b>	<b>46.7527</b>	<b>0.2651</b>	<b>47.0178</b>	<b>12.5618</b>	<b>0.2473</b>	<b>12.8092</b>		<b>53,311.8711</b>	<b>53,311.8711</b>	<b>1.8120</b>		<b>53,357.1717</b>

**3.5 Building Construction - 2032**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2032**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1141	84.5818	20.1273	0.2661	7.1428	0.0916	7.2344	2.0549	0.0875	2.1425		28,315.2811	28,315.2811	1.4485		28,351.4930
Worker	9.3608	4.7455	59.2989	0.2444	39.6096	0.1577	39.7673	10.5068	0.1451	10.6519		24,396.8710	24,396.8710	0.3205		24,404.8839
<b>Total</b>	<b>11.4749</b>	<b>89.3272</b>	<b>79.4261</b>	<b>0.5106</b>	<b>46.7524</b>	<b>0.2493</b>	<b>47.0017</b>	<b>12.5617</b>	<b>0.2326</b>	<b>12.7943</b>		<b>52,712.1521</b>	<b>52,712.1521</b>	<b>1.7690</b>		<b>52,756.3770</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2032**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1141	84.5818	20.1273	0.2661	7.1428	0.0916	7.2344	2.0549	0.0875	2.1425		28,315.2811	28,315.2811	1.4485		28,351.4930
Worker	9.3608	4.7455	59.2989	0.2444	39.6096	0.1577	39.7673	10.5068	0.1451	10.6519		24,396.8710	24,396.8710	0.3205		24,404.8839
<b>Total</b>	<b>11.4749</b>	<b>89.3272</b>	<b>79.4261</b>	<b>0.5106</b>	<b>46.7524</b>	<b>0.2493</b>	<b>47.0017</b>	<b>12.5617</b>	<b>0.2326</b>	<b>12.7943</b>		<b>52,712.1521</b>	<b>52,712.1521</b>	<b>1.7690</b>		<b>52,756.3770</b>

**3.5 Building Construction - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0766	83.7085	19.7940	0.2655	7.1426	0.0881	7.2307	2.0549	0.0843	2.1391		28,253.44 28	28,253.44 28	1.4368		28,289.36 21
Worker	8.7197	4.4063	56.0231	0.2398	39.6096	0.1471	39.7567	10.5068	0.1353	10.6421		23,940.61 55	23,940.61 55	0.2957		23,948.00 87
<b>Total</b>	<b>10.7962</b>	<b>88.1148</b>	<b>75.8171</b>	<b>0.5053</b>	<b>46.7522</b>	<b>0.2352</b>	<b>46.9874</b>	<b>12.5617</b>	<b>0.2196</b>	<b>12.7812</b>		<b>52,194.05 84</b>	<b>52,194.05 84</b>	<b>1.7325</b>		<b>52,237.37 08</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0766	83.7085	19.7940	0.2655	7.1426	0.0881	7.2307	2.0549	0.0843	2.1391		28,253.44 28	28,253.44 28	1.4368		28,289.36 21
Worker	8.7197	4.4063	56.0231	0.2398	39.6096	0.1471	39.7567	10.5068	0.1353	10.6421		23,940.61 55	23,940.61 55	0.2957		23,948.00 87
<b>Total</b>	<b>10.7962</b>	<b>88.1148</b>	<b>75.8171</b>	<b>0.5053</b>	<b>46.7522</b>	<b>0.2352</b>	<b>46.9874</b>	<b>12.5617</b>	<b>0.2196</b>	<b>12.7812</b>		<b>52,194.05 84</b>	<b>52,194.05 84</b>	<b>1.7325</b>		<b>52,237.37 08</b>

**3.5 Building Construction - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>



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**3.5 Building Construction - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0419	82.8990	19.4904	0.2650	7.1424	0.0848	7.2272	2.0548	0.0811	2.1358		28,201.29 99	28,201.29 99	1.4258		28,236.94 45
Worker	8.1585	4.1171	52.9227	0.2358	39.6096	0.1372	39.7468	10.5068	0.1262	10.6330		23,546.43 88	23,546.43 88	0.2726		23,553.25 32
<b>Total</b>	<b>10.2003</b>	<b>87.0161</b>	<b>72.4131</b>	<b>0.5008</b>	<b>46.7520</b>	<b>0.2220</b>	<b>46.9740</b>	<b>12.5616</b>	<b>0.2073</b>	<b>12.7689</b>		<b>51,747.73 87</b>	<b>51,747.73 87</b>	<b>1.6984</b>		<b>51,790.19 77</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0419	82.8990	19.4904	0.2650	7.1424	0.0848	7.2272	2.0548	0.0811	2.1358		28,201.29 99	28,201.29 99	1.4258		28,236.94 45
Worker	8.1585	4.1171	52.9227	0.2358	39.6096	0.1372	39.7468	10.5068	0.1262	10.6330		23,546.43 88	23,546.43 88	0.2726		23,553.25 32
<b>Total</b>	<b>10.2003</b>	<b>87.0161</b>	<b>72.4131</b>	<b>0.5008</b>	<b>46.7520</b>	<b>0.2220</b>	<b>46.9740</b>	<b>12.5616</b>	<b>0.2073</b>	<b>12.7689</b>		<b>51,747.73 87</b>	<b>51,747.73 87</b>	<b>1.6984</b>		<b>51,790.19 77</b>

**3.5 Building Construction - 2035**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2035**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2035**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2036**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2036**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2036**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2037**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2037**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2037**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2038**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>



West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2038**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

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**3.5 Building Construction - 2038**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2039**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

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**3.5 Building Construction - 2039**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

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**3.5 Building Construction - 2039**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2040**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>		<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2040**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>	<b>0.0000</b>	<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2040**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**3.5 Building Construction - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>		<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>	<b>0.0000</b>	<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.5 Building Construction - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**3.6 Paving - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>		<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>



West Broadway Future\_Default - Sacramento County, Winter

**3.6 Paving - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.6 Paving - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**3.6 Paving - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>		<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.6 Paving - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.6 Paving - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**3.7 Architectural Coating - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.7 Architectural Coating - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.7 Architectural Coating - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**3.7 Architectural Coating - 2043**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.7 Architectural Coating - 2043**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_Default - Sacramento County, Winter

**3.7 Architectural Coating - 2043**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Integrate Below Market Rate Housing



West Broadway Future\_Default - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	36.3521	207.3598	444.4036	1.9460	239.3227	1.0348	240.3575	63.8955	0.9615	64.8570		198,660.0404	198,660.0404	7.8261		198,855.6919
Unmitigated	36.5305	208.2662	448.3959	1.9678	242.2294	1.0452	243.2746	64.6715	0.9712	65.6427		200,881.0001	200,881.0001	7.8931		201,078.3288

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	10,972.35	11,921.40	10106.55	28,186,764	27,848,523
Apartments Mid Rise	20,515.25	19,713.15	18078.10	51,456,901	50,839,418
City Park	150.26	1,808.63	1330.83	1,025,459	1,013,153
Condo/Townhouse	871.50	850.50	726.00	2,175,327	2,149,223
Elementary School	1,535.29	0.00	0.00	2,306,054	2,278,381
General Light Industry	1,290.84	244.46	125.94	2,696,455	2,664,098
Racquet Club	883.89	1,345.05	1096.20	1,294,152	1,278,622
Regional Shopping Center	10,419.65	12,193.68	6159.06	14,063,079	13,894,322
<b>Total</b>	<b>46,639.03</b>	<b>48,076.87</b>	<b>37,622.68</b>	<b>103,204,191</b>	<b>101,965,741</b>

4.3 Trip Type Information

West Broadway Future\_Default - Sacramento County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Apartments Mid Rise	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
City Park	10.00	5.00	6.50	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Elementary School	10.00	5.00	6.50	65.00	30.00	5.00	63	25	12
General Light Industry	10.00	5.00	6.50	59.00	28.00	13.00	92	5	3
Racquet Club	10.00	5.00	6.50	11.50	69.50	19.00	52	39	9
Regional Shopping Center	10.00	5.00	6.50	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Apartments Mid Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
City Park	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Condo/Townhouse	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Elementary School	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
General Light Industry	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Racquet Club	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Regional Shopping Center	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway Future\_Default - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.8889	16.3309	8.2551	0.1030		1.3051	1.3051		1.3051	1.3051		20,606.6108	20,606.6108	0.3950	0.3778	20,729.0656
NaturalGas Unmitigated	1.8889	16.3309	8.2551	0.1030		1.3051	1.3051		1.3051	1.3051		20,606.6108	20,606.6108	0.3950	0.3778	20,729.0656

West Broadway Future\_Default - Sacramento County, Winter

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	52184.7	0.5628	4.8092	2.0465	0.0307		0.3888	0.3888		0.3888	0.3888		6,139.3823	6,139.3823	0.1177	0.1126	6,175.8656
Apartments Mid Rise	82391.5	0.8885	7.5929	3.2310	0.0485		0.6139	0.6139		0.6139	0.6139		9,693.1148	9,693.1148	0.1858	0.1777	9,750.7161
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	8445.72	0.0911	0.7783	0.3312	4.9700e-003		0.0629	0.0629		0.0629	0.0629		993.6140	993.6140	0.0190	0.0182	999.5186
Elementary School	4159.92	0.0449	0.4078	0.3426	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.4021	489.4021	9.3800e-003	8.9700e-003	492.3104
General Light Industry	18169.9	0.1960	1.7814	1.4963	0.0107		0.1354	0.1354		0.1354	0.1354		2,137.6348	2,137.6348	0.0410	0.0392	2,150.3377
Racquet Club	6180.9	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3623.53	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.8890</b>	<b>16.3309</b>	<b>8.2551</b>	<b>0.1031</b>		<b>1.3051</b>	<b>1.3051</b>		<b>1.3051</b>	<b>1.3051</b>		<b>20,606.6108</b>	<b>20,606.6108</b>	<b>0.3950</b>	<b>0.3778</b>	<b>20,729.0656</b>

West Broadway Future\_Default - Sacramento County, Winter

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	52.1847	0.5628	4.8092	2.0465	0.0307		0.3888	0.3888		0.3888	0.3888		6,139.3823	6,139.3823	0.1177	0.1126	6,175.8656
Apartments Mid Rise	82.3915	0.8885	7.5929	3.2310	0.0485		0.6139	0.6139		0.6139	0.6139		9,693.1148	9,693.1148	0.1858	0.1777	9,750.7161
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	8.44572	0.0911	0.7783	0.3312	4.9700e-003		0.0629	0.0629		0.0629	0.0629		993.6140	993.6140	0.0190	0.0182	999.5186
Elementary School	4.15992	0.0449	0.4078	0.3426	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.4021	489.4021	9.3800e-003	8.9700e-003	492.3104
General Light Industry	18.1699	0.1960	1.7814	1.4963	0.0107		0.1354	0.1354		0.1354	0.1354		2,137.6348	2,137.6348	0.0410	0.0392	2,150.3377
Racquet Club	6.1809	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3.62353	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.8890</b>	<b>16.3309</b>	<b>8.2551</b>	<b>0.1031</b>		<b>1.3051</b>	<b>1.3051</b>		<b>1.3051</b>	<b>1.3051</b>		<b>20,606.6108</b>	<b>20,606.6108</b>	<b>0.3950</b>	<b>0.3778</b>	<b>20,729.0656</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

West Broadway Future\_Default - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Unmitigated	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.3031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.7012					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0509	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421		728.0532	728.0532	0.6933		745.3858
<b>Total</b>	<b>148.0552</b>	<b>4.6482</b>	<b>402.9034</b>	<b>0.0214</b>		<b>2.2421</b>	<b>2.2421</b>		<b>2.2421</b>	<b>2.2421</b>	<b>0.0000</b>	<b>728.0532</b>	<b>728.0532</b>	<b>0.6933</b>	<b>0.0000</b>	<b>745.3858</b>

West Broadway Future\_Default - Sacramento County, Winter

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.3031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.7012					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0509	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421		728.0532	728.0532	0.6933		745.3858
<b>Total</b>	<b>148.0552</b>	<b>4.6482</b>	<b>402.9034</b>	<b>0.0214</b>		<b>2.2421</b>	<b>2.2421</b>		<b>2.2421</b>	<b>2.2421</b>	<b>0.0000</b>	<b>728.0532</b>	<b>728.0532</b>	<b>0.6933</b>	<b>0.0000</b>	<b>745.3858</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

West Broadway Future\_Default - Sacramento County, Winter

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**West Broadway Future\_VMT Adj\_incl Project Features**  
**Sacramento County, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	99.50	1000sqft	2.28	99,500.00	0
General Light Industry	185.20	1000sqft	4.25	185,200.00	0
City Park	79.50	Acre	79.50	3,463,020.00	0
Racquet Club	63.00	1000sqft	1.45	63,000.00	0
Apartments Low Rise	1,665.00	Dwelling Unit	104.06	1,665,000.00	4446
Apartments Mid Rise	3,085.00	Dwelling Unit	81.18	3,085,000.00	8237
Condo/Townhouse	150.00	Dwelling Unit	9.38	150,000.00	401
Regional Shopping Center	244.02	1000sqft	5.60	244,020.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	3.5	<b>Precipitation Freq (Days)</b>	58
<b>Climate Zone</b>	6			<b>Operational Year</b>	2035
<b>Utility Company</b>	Sacramento Municipal Utility District				
<b>CO2 Intensity (lb/MW hr)</b>	143.85	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Mobile Land Use Mitigation -  
 Area Mitigation -

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Table Name	Column Name	Default Value	New Value
tblEnergyUse	T24E	511.12	240.23
tblEnergyUse	T24E	460.92	428.66
tblEnergyUse	T24E	381.61	354.90
tblEnergyUse	T24E	3.41	2.39
tblEnergyUse	T24E	3.26	2.28
tblEnergyUse	T24NG	9,411.72	8,188.20
tblEnergyUse	T24NG	7,061.10	6,143.16
tblEnergyUse	T24NG	17,864.25	15,541.90
tblProjectCharacteristics	CO2IntensityFactor	590.31	143.85
tblVehicleTrips	HW_TL	10.00	1.10
tblVehicleTrips	HW_TL	10.00	4.47

## 2.0 Emissions Summary

### 2.1 Overall Construction (Maximum Daily Emission)

#### Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.3988	34.2446	22.4075	0.0426	0.9636	1.6631	2.6267	0.1669	1.5461	1.7129	0.0000	4,141.9974	4,141.9974	1.0784	0.0000	4,168.9575
2021	4.2650	46.4505	31.3888	0.0634	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,141.6763	6,141.6763	1.9464	0.0000	6,190.3360
2022	3.6939	38.8890	29.5095	0.0634	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,141.2229	6,141.2229	1.9474	0.0000	6,189.9086
2023	21.2742	122.2499	156.5951	0.6310	46.7565	1.4255	47.8573	12.5632	1.3114	13.5963	0.0000	64,525.5978	64,525.5978	2.9565	0.0000	64,599.5095

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	20.0534	118.4241	146.2173	0.6165	46.7558	1.0010	47.7567	12.5630	0.9388	13.5018	0.0000	63,092.90 38	63,092.90 38	2.8589	0.0000	63,164.37 59
2025	18.9753	114.7957	136.9677	0.6022	46.7551	0.9030	47.6582	12.5628	0.8466	13.4094	0.0000	61,679.21 42	61,679.21 42	2.7727	0.0000	61,748.53 16
2026	18.1198	112.3588	129.0718	0.5894	46.7546	0.8883	47.6429	12.5625	0.8328	13.3953	0.0000	60,409.35 73	60,409.35 73	2.7003	0.0000	60,476.86 54
2027	17.2885	110.1343	121.9846	0.5778	46.7541	0.8704	47.6244	12.5624	0.8160	13.3783	0.0000	59,265.10 27	59,265.10 27	2.6338	0.0000	59,330.94 79
2028	16.4300	108.2198	115.7830	0.5677	46.7537	0.8498	47.6034	12.5622	0.7968	13.3590	0.0000	58,254.65 49	58,254.65 49	2.5739	0.0000	58,319.00 35
2029	15.5034	106.4094	109.9209	0.5586	46.7533	0.8297	47.5830	12.5621	0.7781	13.3401	0.0000	57,355.83 66	57,355.83 66	2.5161	0.0000	57,418.73 98
2030	14.5529	100.1977	104.7741	0.5546	46.7529	0.4311	47.1840	12.5619	0.4121	12.9740	0.0000	56,903.28 79	56,903.28 79	1.9775	0.0000	56,952.72 56
2031	13.6167	98.6582	99.8647	0.5476	46.7527	0.4133	47.1659	12.5618	0.3955	12.9573	0.0000	56,209.41 79	56,209.41 79	1.9283	0.0000	56,257.62 45
2032	12.7840	97.2618	95.5831	0.5415	46.7524	0.3974	47.1498	12.5617	0.3807	12.9425	0.0000	55,609.69 88	55,609.69 88	1.8852	0.0000	55,656.82 98
2033	12.1054	96.0494	91.9741	0.5363	46.7522	0.3834	47.1356	12.5617	0.3677	12.9294	0.0000	55,091.60 51	55,091.60 51	1.8487	0.0000	55,137.82 36
2034	11.5095	94.9507	88.5700	0.5318	46.7520	0.3701	47.1222	12.5616	0.3554	12.9170	0.0000	54,645.28 55	54,645.28 55	1.8146	0.0000	54,690.65 06
2035	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2036	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2037	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.45 70
2038	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.45 70
2039	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.45 70
2040	9.0029	89.8678	76.5969	0.5169	46.7513	0.2473	46.9986	12.5613	0.2361	12.7974	0.0000	53,170.73 78	53,170.73 78	1.6720	0.0000	53,212.53 66
2041	9.0029	89.8678	76.5969	0.5169	46.7513	0.2473	46.9986	12.5613	0.2361	12.7974	0.0000	53,170.73 78	53,170.73 78	1.6720	0.0000	53,212.53 66

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2042	203.7352	3.6657	15.9387	0.0474	7.9189	0.1167	7.9460	2.1006	0.1167	2.1261	0.0000	4,718.8696	4,718.8696	0.0898	0.0000	4,720.0798
2043	203.7352	1.3616	10.1907	0.0474	7.9189	0.0271	7.9460	2.1006	0.0255	2.1261	0.0000	4,718.8696	4,718.8696	0.0484	0.0000	4,720.0798
<b>Maximum</b>	<b>203.7352</b>	<b>122.2499</b>	<b>156.5951</b>	<b>0.6310</b>	<b>46.7565</b>	<b>2.0454</b>	<b>47.8573</b>	<b>12.5632</b>	<b>1.8818</b>	<b>13.5963</b>	<b>0.0000</b>	<b>64,525.5978</b>	<b>64,525.5978</b>	<b>2.9565</b>	<b>0.0000</b>	<b>64,599.5095</b>

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.3988	34.2446	22.4075	0.0426	0.9636	1.6631	2.6267	0.1669	1.5461	1.7129	0.0000	4,141.9974	4,141.9974	1.0784	0.0000	4,168.9575
2021	4.2650	46.4505	31.3888	0.0634	18.2032	2.0454	20.2486	9.9670	1.8818	11.8488	0.0000	6,141.6763	6,141.6763	1.9464	0.0000	6,190.3360
2022	3.6939	38.8890	29.5095	0.0634	8.8255	1.6359	10.4614	3.6369	1.5050	5.1419	0.0000	6,141.2229	6,141.2229	1.9474	0.0000	6,189.9086
2023	21.2742	122.2499	156.5951	0.6310	46.7565	1.4255	47.8573	12.5632	1.3114	13.5963	0.0000	64,525.5978	64,525.5978	2.9565	0.0000	64,599.5095
2024	20.0534	118.4241	146.2173	0.6165	46.7558	1.0010	47.7567	12.5630	0.9388	13.5018	0.0000	63,092.9038	63,092.9038	2.8589	0.0000	63,164.3759
2025	18.9753	114.7957	136.9677	0.6022	46.7551	0.9030	47.6582	12.5628	0.8466	13.4094	0.0000	61,679.2142	61,679.2142	2.7727	0.0000	61,748.5316
2026	18.1198	112.3588	129.0718	0.5894	46.7546	0.8883	47.6429	12.5625	0.8328	13.3953	0.0000	60,409.3573	60,409.3573	2.7003	0.0000	60,476.8654
2027	17.2885	110.1343	121.9846	0.5778	46.7541	0.8704	47.6244	12.5624	0.8160	13.3783	0.0000	59,265.1027	59,265.1027	2.6338	0.0000	59,330.9479
2028	16.4300	108.2198	115.7830	0.5677	46.7537	0.8498	47.6034	12.5622	0.7968	13.3590	0.0000	58,254.6549	58,254.6549	2.5739	0.0000	58,319.0035

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2029	15.5034	106.4094	109.9209	0.5586	46.7533	0.8297	47.5830	12.5621	0.7781	13.3401	0.0000	57,355.83 66	57,355.83 66	2.5161	0.0000	57,418.73 98
2030	14.5529	100.1977	104.7741	0.5546	46.7529	0.4311	47.1840	12.5619	0.4121	12.9740	0.0000	56,903.28 79	56,903.28 79	1.9775	0.0000	56,952.72 56
2031	13.6167	98.6582	99.8647	0.5476	46.7527	0.4133	47.1659	12.5618	0.3955	12.9573	0.0000	56,209.41 79	56,209.41 79	1.9283	0.0000	56,257.62 45
2032	12.7840	97.2618	95.5831	0.5415	46.7524	0.3974	47.1498	12.5617	0.3807	12.9425	0.0000	55,609.69 88	55,609.69 88	1.8852	0.0000	55,656.82 98
2033	12.1054	96.0494	91.9741	0.5363	46.7522	0.3834	47.1356	12.5617	0.3677	12.9294	0.0000	55,091.60 51	55,091.60 51	1.8487	0.0000	55,137.82 36
2034	11.5095	94.9507	88.5700	0.5318	46.7520	0.3701	47.1222	12.5616	0.3554	12.9170	0.0000	54,645.28 55	54,645.28 55	1.8146	0.0000	54,690.65 06
2035	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2036	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2037	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2038	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2039	10.9014	93.2353	85.6241	0.5280	46.7519	0.3007	47.0526	12.5616	0.2868	12.8483	0.0000	54,267.04 72	54,267.04 72	1.7764	0.0000	54,311.457 0
2040	9.0029	89.8678	76.5969	0.5169	46.7513	0.2473	46.9986	12.5613	0.2361	12.7974	0.0000	53,170.73 78	53,170.73 78	1.6720	0.0000	53,212.53 66
2041	9.0029	89.8678	76.5969	0.5169	46.7513	0.2473	46.9986	12.5613	0.2361	12.7974	0.0000	53,170.73 78	53,170.73 78	1.6720	0.0000	53,212.53 66
2042	203.7352	3.6657	15.9387	0.0474	7.9189	0.1167	7.9460	2.1006	0.1167	2.1261	0.0000	4,718.869 6	4,718.869 6	0.0898	0.0000	4,720.079 8
2043	203.7352	1.3616	10.1907	0.0474	7.9189	0.0271	7.9460	2.1006	0.0255	2.1261	0.0000	4,718.869 6	4,718.869 6	0.0484	0.0000	4,720.079 8
<b>Maximum</b>	<b>203.7352</b>	<b>122.2499</b>	<b>156.5951</b>	<b>0.6310</b>	<b>46.7565</b>	<b>2.0454</b>	<b>47.8573</b>	<b>12.5632</b>	<b>1.8818</b>	<b>13.5963</b>	<b>0.0000</b>	<b>64,525.59 78</b>	<b>64,525.59 78</b>	<b>2.9565</b>	<b>0.0000</b>	<b>64,599.50 95</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Energy	1.7672	15.2905	7.8124	0.0964		1.2210	1.2210		1.2210	1.2210		19,278.5131	19,278.5131	0.3695	0.3534	19,393.0757
Mobile	32.2460	186.4951	352.5024	1.4447	172.4106	0.7951	173.2057	46.0310	0.7386	46.7695		147,534.5953	147,534.5953	6.2819		147,691.6415
<b>Total</b>	<b>182.0684</b>	<b>206.4338</b>	<b>763.2181</b>	<b>1.5624</b>	<b>172.4106</b>	<b>4.2582</b>	<b>176.6688</b>	<b>46.0310</b>	<b>4.2016</b>	<b>50.2326</b>	<b>0.0000</b>	<b>167,541.1616</b>	<b>167,541.1616</b>	<b>7.3447</b>	<b>0.3534</b>	<b>167,830.1030</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Energy	1.7672	15.2905	7.8124	0.0964		1.2210	1.2210		1.2210	1.2210		19,278.5131	19,278.5131	0.3695	0.3534	19,393.0757
Mobile	32.1190	185.8499	349.6608	1.4292	170.3417	0.7877	171.1294	45.4786	0.7317	46.2103		145,953.7924	145,953.7924	6.2341		146,109.6449
<b>Total</b>	<b>181.9414</b>	<b>205.7886</b>	<b>760.3766</b>	<b>1.5469</b>	<b>170.3417</b>	<b>4.2508</b>	<b>174.5924</b>	<b>45.4786</b>	<b>4.1947</b>	<b>49.6733</b>	<b>0.0000</b>	<b>165,960.3587</b>	<b>165,960.3587</b>	<b>7.2969</b>	<b>0.3534</b>	<b>166,248.1064</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.07	0.31	0.37	0.99	1.20	0.17	1.18	1.20	0.16	1.11	0.00	0.94	0.94	0.65	0.00	0.94

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	2/23/2021	5	300	
2	Site Preparation	Site Preparation	2/24/2021	11/2/2021	5	180	
3	Grading	Grading	11/3/2021	8/15/2023	5	465	
4	Building Construction	Building Construction	8/16/2023	6/11/2041	5	4650	
5	Paving	Paving	6/12/2041	9/16/2042	5	330	
6	Architectural Coating	Architectural Coating	9/17/2042	12/22/2043	5	330	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1162.5

Acres of Paving: 0

Residential Indoor: 9,922,500; Residential Outdoor: 3,307,500; Non-Residential Indoor: 887,580; Non-Residential Outdoor: 295,860; Striped Parking Area: 0 (Architectural Coating – sqft)

#### OffRoad Equipment



## West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	1,040.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,207.00	1,188.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,041.00	0.00	0.00	10.00	6.50	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419		3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>		<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0272	1.0012	0.2350	2.7000e-003	0.0670	3.6300e-003	0.0706	0.0181	3.4800e-003	0.0216		289.7592	289.7592	0.0175		290.1955
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0595	0.0424	0.4194	1.0500e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		104.5333	104.5333	3.0100e-003		104.6084
<b>Total</b>	<b>0.0867</b>	<b>1.0436</b>	<b>0.6543</b>	<b>3.7500e-003</b>	<b>0.1811</b>	<b>4.4200e-003</b>	<b>0.1855</b>	<b>0.0484</b>	<b>4.2100e-003</b>	<b>0.0526</b>		<b>394.2924</b>	<b>394.2924</b>	<b>0.0205</b>		<b>394.8039</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.3121	33.2010	21.7532	0.0388		1.6587	1.6587		1.5419	1.5419	0.0000	3,747.7049	3,747.7049	1.0580		3,774.1536
<b>Total</b>	<b>3.3121</b>	<b>33.2010</b>	<b>21.7532</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.6587</b>	<b>2.4412</b>	<b>0.1185</b>	<b>1.5419</b>	<b>1.6603</b>	<b>0.0000</b>	<b>3,747.7049</b>	<b>3,747.7049</b>	<b>1.0580</b>		<b>3,774.1536</b>

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**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0272	1.0012	0.2350	2.7000e-003	0.0670	3.6300e-003	0.0706	0.0181	3.4800e-003	0.0216		289.7592	289.7592	0.0175		290.1955
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0595	0.0424	0.4194	1.0500e-003	0.1141	7.9000e-004	0.1149	0.0303	7.3000e-004	0.0310		104.5333	104.5333	3.0100e-003		104.6084
<b>Total</b>	<b>0.0867</b>	<b>1.0436</b>	<b>0.6543</b>	<b>3.7500e-003</b>	<b>0.1811</b>	<b>4.4200e-003</b>	<b>0.1855</b>	<b>0.0484</b>	<b>4.2100e-003</b>	<b>0.0526</b>		<b>394.2924</b>	<b>394.2924</b>	<b>0.0205</b>		<b>394.8039</b>

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>		<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.2 Demolition - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0251	0.9188	0.2176	2.6700e-003	0.3763	3.2000e-003	0.3795	0.0941	3.0600e-003	0.0971		286.3691	286.3691	0.0171		286.7967
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0554	0.0380	0.3827	1.0100e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		100.9746	100.9746	2.6900e-003		101.0419
<b>Total</b>	<b>0.0805</b>	<b>0.9568</b>	<b>0.6003</b>	<b>3.6800e-003</b>	<b>0.4904</b>	<b>3.9700e-003</b>	<b>0.4944</b>	<b>0.1243</b>	<b>3.7700e-003</b>	<b>0.1281</b>		<b>387.3437</b>	<b>387.3437</b>	<b>0.0198</b>		<b>387.8386</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7825	0.0000	0.7825	0.1185	0.0000	0.1185			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
<b>Total</b>	<b>3.1651</b>	<b>31.4407</b>	<b>21.5650</b>	<b>0.0388</b>	<b>0.7825</b>	<b>1.5513</b>	<b>2.3339</b>	<b>0.1185</b>	<b>1.4411</b>	<b>1.5596</b>	<b>0.0000</b>	<b>3,747.9449</b>	<b>3,747.9449</b>	<b>1.0549</b>		<b>3,774.3174</b>

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**3.2 Demolition - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0251	0.9188	0.2176	2.6700e-003	0.3763	3.2000e-003	0.3795	0.0941	3.0600e-003	0.0971		286.3691	286.3691	0.0171		286.7967
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0554	0.0380	0.3827	1.0100e-003	0.1141	7.7000e-004	0.1149	0.0303	7.1000e-004	0.0310		100.9746	100.9746	2.6900e-003		101.0419
<b>Total</b>	<b>0.0805</b>	<b>0.9568</b>	<b>0.6003</b>	<b>3.6800e-003</b>	<b>0.4904</b>	<b>3.9700e-003</b>	<b>0.4944</b>	<b>0.1243</b>	<b>3.7700e-003</b>	<b>0.1281</b>		<b>387.3437</b>	<b>387.3437</b>	<b>0.0198</b>		<b>387.8386</b>

**3.3 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>		<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.3 Site Preparation - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0664	0.0456	0.4593	1.2200e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		121.1696	121.1696	3.2300e-003		121.2503
<b>Total</b>	<b>0.0664</b>	<b>0.0456</b>	<b>0.4593</b>	<b>1.2200e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>121.1696</b>	<b>121.1696</b>	<b>3.2300e-003</b>		<b>121.2503</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
<b>Total</b>	<b>3.8882</b>	<b>40.4971</b>	<b>21.1543</b>	<b>0.0380</b>	<b>18.0663</b>	<b>2.0445</b>	<b>20.1107</b>	<b>9.9307</b>	<b>1.8809</b>	<b>11.8116</b>	<b>0.0000</b>	<b>3,685.6569</b>	<b>3,685.6569</b>	<b>1.1920</b>		<b>3,715.4573</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.3 Site Preparation - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0664	0.0456	0.4593	1.2200e-003	0.1369	9.2000e-004	0.1379	0.0363	8.5000e-004	0.0372		121.1696	121.1696	3.2300e-003		121.2503
<b>Total</b>	<b>0.0664</b>	<b>0.0456</b>	<b>0.4593</b>	<b>1.2200e-003</b>	<b>0.1369</b>	<b>9.2000e-004</b>	<b>0.1379</b>	<b>0.0363</b>	<b>8.5000e-004</b>	<b>0.0372</b>		<b>121.1696</b>	<b>121.1696</b>	<b>3.2300e-003</b>		<b>121.2503</b>

**3.4 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>		<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>



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**3.4 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0738	0.0507	0.5103	1.3500e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		134.6329	134.6329	3.5900e-003		134.7226
<b>Total</b>	<b>0.0738</b>	<b>0.0507</b>	<b>0.5103</b>	<b>1.3500e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>134.6329</b>	<b>134.6329</b>	<b>3.5900e-003</b>		<b>134.7226</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
<b>Total</b>	<b>4.1912</b>	<b>46.3998</b>	<b>30.8785</b>	<b>0.0620</b>	<b>8.6733</b>	<b>1.9853</b>	<b>10.6587</b>	<b>3.5965</b>	<b>1.8265</b>	<b>5.4230</b>	<b>0.0000</b>	<b>6,007.0434</b>	<b>6,007.0434</b>	<b>1.9428</b>		<b>6,055.6134</b>

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**3.4 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0738	0.0507	0.5103	1.3500e-003	0.1521	1.0300e-003	0.1532	0.0404	9.5000e-004	0.0413		134.6329	134.6329	3.5900e-003		134.7226
<b>Total</b>	<b>0.0738</b>	<b>0.0507</b>	<b>0.5103</b>	<b>1.3500e-003</b>	<b>0.1521</b>	<b>1.0300e-003</b>	<b>0.1532</b>	<b>0.0404</b>	<b>9.5000e-004</b>	<b>0.0413</b>		<b>134.6329</b>	<b>134.6329</b>	<b>3.5900e-003</b>		<b>134.7226</b>

**3.4 Grading - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>		<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.4 Grading - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0690	0.0456	0.4680	1.3000e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		129.8123	129.8123	3.2200e-003		129.8928
<b>Total</b>	<b>0.0690</b>	<b>0.0456</b>	<b>0.4680</b>	<b>1.3000e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>129.8123</b>	<b>129.8123</b>	<b>3.2200e-003</b>		<b>129.8928</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
<b>Total</b>	<b>3.6248</b>	<b>38.8435</b>	<b>29.0415</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.6349</b>	<b>10.3082</b>	<b>3.5965</b>	<b>1.5041</b>	<b>5.1006</b>	<b>0.0000</b>	<b>6,011.4105</b>	<b>6,011.4105</b>	<b>1.9442</b>		<b>6,060.0158</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.4 Grading - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0690	0.0456	0.4680	1.3000e-003	0.1521	1.0000e-003	0.1531	0.0404	9.2000e-004	0.0413		129.8123	129.8123	3.2200e-003		129.8928
<b>Total</b>	<b>0.0690</b>	<b>0.0456</b>	<b>0.4680</b>	<b>1.3000e-003</b>	<b>0.1521</b>	<b>1.0000e-003</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.2000e-004</b>	<b>0.0413</b>		<b>129.8123</b>	<b>129.8123</b>	<b>3.2200e-003</b>		<b>129.8928</b>

**3.4 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>		<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.4 Grading - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0410	0.4288	1.2500e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		124.9394	124.9394	2.8800e-003		125.0114
<b>Total</b>	<b>0.0647</b>	<b>0.0410</b>	<b>0.4288</b>	<b>1.2500e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>124.9394</b>	<b>124.9394</b>	<b>2.8800e-003</b>		<b>125.0114</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
<b>Total</b>	<b>3.3217</b>	<b>34.5156</b>	<b>28.0512</b>	<b>0.0621</b>	<b>8.6733</b>	<b>1.4245</b>	<b>10.0978</b>	<b>3.5965</b>	<b>1.3105</b>	<b>4.9070</b>	<b>0.0000</b>	<b>6,011.4777</b>	<b>6,011.4777</b>	<b>1.9442</b>		<b>6,060.0836</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.4 Grading - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0647	0.0410	0.4288	1.2500e-003	0.1521	9.8000e-004	0.1531	0.0404	9.0000e-004	0.0413		124.9394	124.9394	2.8800e-003		125.0114
<b>Total</b>	<b>0.0647</b>	<b>0.0410</b>	<b>0.4288</b>	<b>1.2500e-003</b>	<b>0.1521</b>	<b>9.8000e-004</b>	<b>0.1531</b>	<b>0.0404</b>	<b>9.0000e-004</b>	<b>0.0413</b>		<b>124.9394</b>	<b>124.9394</b>	<b>2.8800e-003</b>		<b>125.0114</b>

**3.5 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>		<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.8608	97.1949	28.7205	0.2776	7.1468	0.1470	7.2939	2.0564	0.1406	2.1970		29,442.4101	29,442.4101	1.5995		29,482.3967
Worker	16.8406	10.6702	111.6307	0.3265	39.6096	0.2541	39.8637	10.5068	0.2340	10.7409		32,527.9778	32,527.9778	0.7492		32,546.7067
<b>Total</b>	<b>19.7014</b>	<b>107.8651</b>	<b>140.3511</b>	<b>0.6040</b>	<b>46.7565</b>	<b>0.4011</b>	<b>47.1575</b>	<b>12.5632</b>	<b>0.3746</b>	<b>12.9378</b>		<b>61,970.3878</b>	<b>61,970.3878</b>	<b>2.3486</b>		<b>62,029.1034</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
<b>Total</b>	<b>1.5728</b>	<b>14.3849</b>	<b>16.2440</b>	<b>0.0269</b>		<b>0.6997</b>	<b>0.6997</b>		<b>0.6584</b>	<b>0.6584</b>	<b>0.0000</b>	<b>2,555.2099</b>	<b>2,555.2099</b>	<b>0.6079</b>		<b>2,570.4061</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.8608	97.1949	28.7205	0.2776	7.1468	0.1470	7.2939	2.0564	0.1406	2.1970		29,442.4101	29,442.4101	1.5995		29,482.3967
Worker	16.8406	10.6702	111.6307	0.3265	39.6096	0.2541	39.8637	10.5068	0.2340	10.7409		32,527.9778	32,527.9778	0.7492		32,546.7067
<b>Total</b>	<b>19.7014</b>	<b>107.8651</b>	<b>140.3511</b>	<b>0.6040</b>	<b>46.7565</b>	<b>0.4011</b>	<b>47.1575</b>	<b>12.5632</b>	<b>0.3746</b>	<b>12.9378</b>		<b>61,970.3878</b>	<b>61,970.3878</b>	<b>2.3486</b>		<b>62,029.1034</b>

**3.5 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>		<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7242	95.3374	26.8405	0.2758	7.1462	0.1392	7.2854	2.0562	0.1331	2.1893		29,273.1878	29,273.1878	1.5800		29,312.6887
Worker	15.8576	9.6430	103.2100	0.3137	39.6096	0.2485	39.8581	10.5068	0.2288	10.7356		31,264.0171	31,264.0171	0.6745		31,280.8796
<b>Total</b>	<b>18.5818</b>	<b>104.9804</b>	<b>130.0505</b>	<b>0.5895</b>	<b>46.7558</b>	<b>0.3877</b>	<b>47.1434</b>	<b>12.5630</b>	<b>0.3619</b>	<b>12.9249</b>		<b>60,537.2049</b>	<b>60,537.2049</b>	<b>2.2545</b>		<b>60,593.5683</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
<b>Total</b>	<b>1.4716</b>	<b>13.4438</b>	<b>16.1668</b>	<b>0.0270</b>		<b>0.6133</b>	<b>0.6133</b>		<b>0.5769</b>	<b>0.5769</b>	<b>0.0000</b>	<b>2,555.6989</b>	<b>2,555.6989</b>	<b>0.6044</b>		<b>2,570.8077</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.7242	95.3374	26.8405	0.2758	7.1462	0.1392	7.2854	2.0562	0.1331	2.1893		29,273.1878	29,273.1878	1.5800		29,312.6887
Worker	15.8576	9.6430	103.2100	0.3137	39.6096	0.2485	39.8581	10.5068	0.2288	10.7356		31,264.0171	31,264.0171	0.6745		31,280.8796
<b>Total</b>	<b>18.5818</b>	<b>104.9804</b>	<b>130.0505</b>	<b>0.5895</b>	<b>46.7558</b>	<b>0.3877</b>	<b>47.1434</b>	<b>12.5630</b>	<b>0.3619</b>	<b>12.9249</b>		<b>60,537.2049</b>	<b>60,537.2049</b>	<b>2.2545</b>		<b>60,593.5683</b>

**3.5 Building Construction - 2025**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2025**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6110	93.5705	25.4014	0.2741	7.1455	0.1316	7.2772	2.0559	0.1259	2.1818		29,109.92 84	29,109.92 84	1.5613		29,148.96 16
Worker	14.9969	8.7555	95.4816	0.3011	39.6096	0.2439	39.8535	10.5068	0.2245	10.7313		30,012.81 15	30,012.81 15	0.6104		30,028.07 19
<b>Total</b>	<b>17.6079</b>	<b>102.3260</b>	<b>120.8830</b>	<b>0.5752</b>	<b>46.7551</b>	<b>0.3755</b>	<b>47.1306</b>	<b>12.5628</b>	<b>0.3504</b>	<b>12.9131</b>		<b>59,122.73 99</b>	<b>59,122.73 99</b>	<b>2.1718</b>		<b>59,177.03 35</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2025**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.6110	93.5705	25.4014	0.2741	7.1455	0.1316	7.2772	2.0559	0.1259	2.1818		29,109.9284	29,109.9284	1.5613		29,148.9616
Worker	14.9969	8.7555	95.4816	0.3011	39.6096	0.2439	39.8535	10.5068	0.2245	10.7313		30,012.8115	30,012.8115	0.6104		30,028.0719
<b>Total</b>	<b>17.6079</b>	<b>102.3260</b>	<b>120.8830</b>	<b>0.5752</b>	<b>46.7551</b>	<b>0.3755</b>	<b>47.1306</b>	<b>12.5628</b>	<b>0.3504</b>	<b>12.9131</b>		<b>59,122.7399</b>	<b>59,122.7399</b>	<b>2.1718</b>		<b>59,177.0335</b>

**3.5 Building Construction - 2026**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2026**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5111	91.8911	24.2274	0.2726	7.1450	0.1241	7.2690	2.0557	0.1186	2.1744		28,955.01 35	28,955.01 35	1.5444		28,993.62 42
Worker	14.2414	7.9980	88.7598	0.2899	39.6096	0.2367	39.8463	10.5068	0.2179	10.7247		28,897.86 94	28,897.86 94	0.5550		28,911.743 1
<b>Total</b>	<b>16.7524</b>	<b>99.8891</b>	<b>112.9872</b>	<b>0.5624</b>	<b>46.7546</b>	<b>0.3608</b>	<b>47.1154</b>	<b>12.5625</b>	<b>0.3365</b>	<b>12.8991</b>		<b>57,852.88 30</b>	<b>57,852.88 30</b>	<b>2.0994</b>		<b>57,905.36 73</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2026**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.5111	91.8911	24.2274	0.2726	7.1450	0.1241	7.2690	2.0557	0.1186	2.1744		28,955.01 35	28,955.01 35	1.5444		28,993.62 42
Worker	14.2414	7.9980	88.7598	0.2899	39.6096	0.2367	39.8463	10.5068	0.2179	10.7247		28,897.86 94	28,897.86 94	0.5550		28,911.743 1
<b>Total</b>	<b>16.7524</b>	<b>99.8891</b>	<b>112.9872</b>	<b>0.5624</b>	<b>46.7546</b>	<b>0.3608</b>	<b>47.1154</b>	<b>12.5625</b>	<b>0.3365</b>	<b>12.8991</b>		<b>57,852.88 30</b>	<b>57,852.88 30</b>	<b>2.0994</b>		<b>57,905.36 73</b>

**3.5 Building Construction - 2027**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2027**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4234	90.3468	23.2061	0.2711	7.1445	0.1178	7.2622	2.0555	0.1126	2.1681		28,809.24 93	28,809.24 93	1.5279		28,847.44 68
Worker	13.4977	7.3178	82.6938	0.2798	39.6096	0.2251	39.8347	10.5068	0.2071	10.7140		27,899.37 91	27,899.37 91	0.5050		27,912.00 31
<b>Total</b>	<b>15.9211</b>	<b>97.6646</b>	<b>105.8999</b>	<b>0.5509</b>	<b>46.7541</b>	<b>0.3428</b>	<b>47.0969</b>	<b>12.5624</b>	<b>0.3197</b>	<b>12.8821</b>		<b>56,708.62 84</b>	<b>56,708.62 84</b>	<b>2.0329</b>		<b>56,759.44 99</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2027**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4234	90.3468	23.2061	0.2711	7.1445	0.1178	7.2622	2.0555	0.1126	2.1681		28,809.24 93	28,809.24 93	1.5279		28,847.44 68
Worker	13.4977	7.3178	82.6938	0.2798	39.6096	0.2251	39.8347	10.5068	0.2071	10.7140		27,899.37 91	27,899.37 91	0.5050		27,912.00 31
<b>Total</b>	<b>15.9211</b>	<b>97.6646</b>	<b>105.8999</b>	<b>0.5509</b>	<b>46.7541</b>	<b>0.3428</b>	<b>47.0969</b>	<b>12.5624</b>	<b>0.3197</b>	<b>12.8821</b>		<b>56,708.62 84</b>	<b>56,708.62 84</b>	<b>2.0329</b>		<b>56,759.44 99</b>

**3.5 Building Construction - 2028**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2028**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3456	89.0365	22.3407	0.2698	7.1441	0.1122	7.2562	2.0554	0.1073	2.1626		28,685.42 41	28,685.42 41	1.5110		28,723.20 02
Worker	12.7170	6.7137	77.3576	0.2709	39.6096	0.2100	39.8197	10.5068	0.1933	10.7001		27,012.75 64	27,012.75 64	0.4620		27,024.30 53
<b>Total</b>	<b>15.0626</b>	<b>95.7501</b>	<b>99.6983</b>	<b>0.5407</b>	<b>46.7537</b>	<b>0.3222</b>	<b>47.0759</b>	<b>12.5622</b>	<b>0.3005</b>	<b>12.8628</b>		<b>55,698.18 06</b>	<b>55,698.18 06</b>	<b>1.9730</b>		<b>55,747.50 54</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2028**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.3456	89.0365	22.3407	0.2698	7.1441	0.1122	7.2562	2.0554	0.1073	2.1626		28,685.42 41	28,685.42 41	1.5110		28,723.20 02
Worker	12.7170	6.7137	77.3576	0.2709	39.6096	0.2100	39.8197	10.5068	0.1933	10.7001		27,012.75 64	27,012.75 64	0.4620		27,024.30 53
<b>Total</b>	<b>15.0626</b>	<b>95.7501</b>	<b>99.6983</b>	<b>0.5407</b>	<b>46.7537</b>	<b>0.3222</b>	<b>47.0759</b>	<b>12.5622</b>	<b>0.3005</b>	<b>12.8628</b>		<b>55,698.18 06</b>	<b>55,698.18 06</b>	<b>1.9730</b>		<b>55,747.50 54</b>

**3.5 Building Construction - 2029**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.474 4	0.6010		2,571.498 1
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>		<b>2,556.474 4</b>	<b>2,556.474 4</b>	<b>0.6010</b>		<b>2,571.498 1</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2029**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2754	87.7901	21.6134	0.2687	7.1437	0.1065	7.2501	2.0552	0.1018	2.1570		28,572.6966	28,572.6966	1.4942		28,610.0524
Worker	11.8607	6.1496	72.2228	0.2629	39.6096	0.1956	39.8053	10.5068	0.1800	10.6868		26,226.6656	26,226.6656	0.4210		26,237.1894
<b>Total</b>	<b>14.1360</b>	<b>93.9397</b>	<b>93.8362</b>	<b>0.5316</b>	<b>46.7533</b>	<b>0.3021</b>	<b>47.0554</b>	<b>12.5621</b>	<b>0.2818</b>	<b>12.8439</b>		<b>54,799.3622</b>	<b>54,799.3622</b>	<b>1.9152</b>		<b>54,847.2418</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
<b>Total</b>	<b>1.3674</b>	<b>12.4697</b>	<b>16.0847</b>	<b>0.0270</b>		<b>0.5276</b>	<b>0.5276</b>		<b>0.4963</b>	<b>0.4963</b>	<b>0.0000</b>	<b>2,556.4744</b>	<b>2,556.4744</b>	<b>0.6010</b>		<b>2,571.4981</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2029**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2754	87.7901	21.6134	0.2687	7.1437	0.1065	7.2501	2.0552	0.1018	2.1570		28,572.69 66	28,572.69 66	1.4942		28,610.05 24
Worker	11.8607	6.1496	72.2228	0.2629	39.6096	0.1956	39.8053	10.5068	0.1800	10.6868		26,226.66 56	26,226.66 56	0.4210		26,237.18 94
<b>Total</b>	<b>14.1360</b>	<b>93.9397</b>	<b>93.8362</b>	<b>0.5316</b>	<b>46.7533</b>	<b>0.3021</b>	<b>47.0554</b>	<b>12.5621</b>	<b>0.2818</b>	<b>12.8439</b>		<b>54,799.36 22</b>	<b>54,799.36 22</b>	<b>1.9152</b>		<b>54,847.24 18</b>

**3.5 Building Construction - 2030**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2030**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2121	86.6224	21.0134	0.2677	7.1433	0.1007	7.2440	2.0551	0.0963	2.1514		28,471.74 95	28,471.74 95	1.4768		28,508.66 91
Worker	11.0317	5.6406	67.6038	0.2559	39.6096	0.1822	39.7919	10.5068	0.1677	10.6745		25,533.99 16	25,533.99 16	0.3845		25,543.60 36
<b>Total</b>	<b>13.2438</b>	<b>92.2630</b>	<b>88.6171</b>	<b>0.5236</b>	<b>46.7529</b>	<b>0.2830</b>	<b>47.0359</b>	<b>12.5619</b>	<b>0.2640</b>	<b>12.8259</b>		<b>54,005.74 12</b>	<b>54,005.74 12</b>	<b>1.8613</b>		<b>54,052.27 27</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2030**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.2121	86.6224	21.0134	0.2677	7.1433	0.1007	7.2440	2.0551	0.0963	2.1514		28,471.74 95	28,471.74 95	1.4768		28,508.66 91
Worker	11.0317	5.6406	67.6038	0.2559	39.6096	0.1822	39.7919	10.5068	0.1677	10.6745		25,533.99 16	25,533.99 16	0.3845		25,543.60 36
<b>Total</b>	<b>13.2438</b>	<b>92.2630</b>	<b>88.6171</b>	<b>0.5236</b>	<b>46.7529</b>	<b>0.2830</b>	<b>47.0359</b>	<b>12.5619</b>	<b>0.2640</b>	<b>12.8259</b>		<b>54,005.74 12</b>	<b>54,005.74 12</b>	<b>1.8613</b>		<b>54,052.27 27</b>

**3.5 Building Construction - 2031**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2031**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1586	85.5638	20.5196	0.2668	7.1431	0.0956	7.2387	2.0550	0.0914	2.1464		28,385.7165	28,385.7165	1.4617		28,422.2598
Worker	10.1491	5.1598	63.1882	0.2498	39.6096	0.1695	39.7791	10.5068	0.1559	10.6628		24,926.1546	24,926.1546	0.3503		24,934.9118
<b>Total</b>	<b>12.3076</b>	<b>90.7236</b>	<b>83.7078</b>	<b>0.5166</b>	<b>46.7527</b>	<b>0.2651</b>	<b>47.0178</b>	<b>12.5618</b>	<b>0.2473</b>	<b>12.8092</b>		<b>53,311.8711</b>	<b>53,311.8711</b>	<b>1.8120</b>		<b>53,357.1717</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2031**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1586	85.5638	20.5196	0.2668	7.1431	0.0956	7.2387	2.0550	0.0914	2.1464		28,385.7165	28,385.7165	1.4617		28,422.2598
Worker	10.1491	5.1598	63.1882	0.2498	39.6096	0.1695	39.7791	10.5068	0.1559	10.6628		24,926.1546	24,926.1546	0.3503		24,934.9118
<b>Total</b>	<b>12.3076</b>	<b>90.7236</b>	<b>83.7078</b>	<b>0.5166</b>	<b>46.7527</b>	<b>0.2651</b>	<b>47.0178</b>	<b>12.5618</b>	<b>0.2473</b>	<b>12.8092</b>		<b>53,311.8711</b>	<b>53,311.8711</b>	<b>1.8120</b>		<b>53,357.1717</b>

**3.5 Building Construction - 2032**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2032**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1141	84.5818	20.1273	0.2661	7.1428	0.0916	7.2344	2.0549	0.0875	2.1425		28,315.2811	28,315.2811	1.4485		28,351.4930
Worker	9.3608	4.7455	59.2989	0.2444	39.6096	0.1577	39.7673	10.5068	0.1451	10.6519		24,396.8710	24,396.8710	0.3205		24,404.8839
<b>Total</b>	<b>11.4749</b>	<b>89.3272</b>	<b>79.4261</b>	<b>0.5106</b>	<b>46.7524</b>	<b>0.2493</b>	<b>47.0017</b>	<b>12.5617</b>	<b>0.2326</b>	<b>12.7943</b>		<b>52,712.1521</b>	<b>52,712.1521</b>	<b>1.7690</b>		<b>52,756.3770</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2032**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.1141	84.5818	20.1273	0.2661	7.1428	0.0916	7.2344	2.0549	0.0875	2.1425		28,315.2811	28,315.2811	1.4485		28,351.4930
Worker	9.3608	4.7455	59.2989	0.2444	39.6096	0.1577	39.7673	10.5068	0.1451	10.6519		24,396.8710	24,396.8710	0.3205		24,404.8839
<b>Total</b>	<b>11.4749</b>	<b>89.3272</b>	<b>79.4261</b>	<b>0.5106</b>	<b>46.7524</b>	<b>0.2493</b>	<b>47.0017</b>	<b>12.5617</b>	<b>0.2326</b>	<b>12.7943</b>		<b>52,712.1521</b>	<b>52,712.1521</b>	<b>1.7690</b>		<b>52,756.3770</b>

**3.5 Building Construction - 2033**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2033**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0766	83.7085	19.7940	0.2655	7.1426	0.0881	7.2307	2.0549	0.0843	2.1391		28,253.44 28	28,253.44 28	1.4368		28,289.36 21
Worker	8.7197	4.4063	56.0231	0.2398	39.6096	0.1471	39.7567	10.5068	0.1353	10.6421		23,940.61 55	23,940.61 55	0.2957		23,948.00 87
<b>Total</b>	<b>10.7962</b>	<b>88.1148</b>	<b>75.8171</b>	<b>0.5053</b>	<b>46.7522</b>	<b>0.2352</b>	<b>46.9874</b>	<b>12.5617</b>	<b>0.2196</b>	<b>12.7812</b>		<b>52,194.05 84</b>	<b>52,194.05 84</b>	<b>1.7325</b>		<b>52,237.37 08</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2033**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0766	83.7085	19.7940	0.2655	7.1426	0.0881	7.2307	2.0549	0.0843	2.1391		28,253.44 28	28,253.44 28	1.4368		28,289.36 21
Worker	8.7197	4.4063	56.0231	0.2398	39.6096	0.1471	39.7567	10.5068	0.1353	10.6421		23,940.61 55	23,940.61 55	0.2957		23,948.00 87
<b>Total</b>	<b>10.7962</b>	<b>88.1148</b>	<b>75.8171</b>	<b>0.5053</b>	<b>46.7522</b>	<b>0.2352</b>	<b>46.9874</b>	<b>12.5617</b>	<b>0.2196</b>	<b>12.7812</b>		<b>52,194.05 84</b>	<b>52,194.05 84</b>	<b>1.7325</b>		<b>52,237.37 08</b>

**3.5 Building Construction - 2034**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.546 8	0.1162		2,900.452 9
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1162</b>		<b>2,900.452 9</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2034**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0419	82.8990	19.4904	0.2650	7.1424	0.0848	7.2272	2.0548	0.0811	2.1358		28,201.2999	28,201.2999	1.4258		28,236.9445
Worker	8.1585	4.1171	52.9227	0.2358	39.6096	0.1372	39.7468	10.5068	0.1262	10.6330		23,546.4388	23,546.4388	0.2726		23,553.2532
<b>Total</b>	<b>10.2003</b>	<b>87.0161</b>	<b>72.4131</b>	<b>0.5008</b>	<b>46.7520</b>	<b>0.2220</b>	<b>46.9740</b>	<b>12.5616</b>	<b>0.2073</b>	<b>12.7689</b>		<b>51,747.7387</b>	<b>51,747.7387</b>	<b>1.6984</b>		<b>51,790.1977</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
<b>Total</b>	<b>1.3091</b>	<b>7.9346</b>	<b>16.1570</b>	<b>0.0310</b>		<b>0.1481</b>	<b>0.1481</b>		<b>0.1481</b>	<b>0.1481</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1162</b>		<b>2,900.4529</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2034**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0419	82.8990	19.4904	0.2650	7.1424	0.0848	7.2272	2.0548	0.0811	2.1358		28,201.29 99	28,201.29 99	1.4258		28,236.94 45
Worker	8.1585	4.1171	52.9227	0.2358	39.6096	0.1372	39.7468	10.5068	0.1262	10.6330		23,546.43 88	23,546.43 88	0.2726		23,553.25 32
<b>Total</b>	<b>10.2003</b>	<b>87.0161</b>	<b>72.4131</b>	<b>0.5008</b>	<b>46.7520</b>	<b>0.2220</b>	<b>46.9740</b>	<b>12.5616</b>	<b>0.2073</b>	<b>12.7689</b>		<b>51,747.73 87</b>	<b>51,747.73 87</b>	<b>1.6984</b>		<b>51,790.19 77</b>

**3.5 Building Construction - 2035**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.546 8	2,897.546 8	0.1079		2,900.244 8
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.546 8</b>	<b>2,897.546 8</b>	<b>0.1079</b>		<b>2,900.244 8</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2035**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2035**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2036**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2036**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2036**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2037**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2037**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2037**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2038**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2038**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

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**3.5 Building Construction - 2038**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2039**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>		<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2039**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
<b>Total</b>	<b>1.2168</b>	<b>7.1613</b>	<b>16.1178</b>	<b>0.0310</b>		<b>0.0904</b>	<b>0.0904</b>		<b>0.0904</b>	<b>0.0904</b>	<b>0.0000</b>	<b>2,897.5468</b>	<b>2,897.5468</b>	<b>0.1079</b>		<b>2,900.2448</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2039**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.0111	82.1824	19.2348	0.2646	7.1423	0.0819	7.2242	2.0547	0.0783	2.1330		28,158.2384	28,158.2384	1.4155		28,193.6263
Worker	7.6735	3.8915	50.2716	0.2325	39.6096	0.1284	39.7380	10.5068	0.1181	10.6249		23,211.2621	23,211.2621	0.2530		23,217.5859
<b>Total</b>	<b>9.6846</b>	<b>86.0740</b>	<b>69.5064</b>	<b>0.4970</b>	<b>46.7519</b>	<b>0.2103</b>	<b>46.9622</b>	<b>12.5616</b>	<b>0.1963</b>	<b>12.7579</b>		<b>51,369.5005</b>	<b>51,369.5005</b>	<b>1.6685</b>		<b>51,411.2123</b>

**3.5 Building Construction - 2040**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>		<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2040**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>	<b>0.0000</b>	<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2040**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**3.5 Building Construction - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737		2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>		<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1970	6.8903	16.1185	0.0310		0.0737	0.0737		0.0737	0.0737	0.0000	2,897.5471	2,897.5471	0.1041		2,900.1503
<b>Total</b>	<b>1.1970</b>	<b>6.8903</b>	<b>16.1185</b>	<b>0.0310</b>		<b>0.0737</b>	<b>0.0737</b>		<b>0.0737</b>	<b>0.0737</b>	<b>0.0000</b>	<b>2,897.5471</b>	<b>2,897.5471</b>	<b>0.1041</b>		<b>2,900.1503</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.5 Building Construction - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.9188	79.8032	18.4701	0.2638	7.1417	0.0752	7.2169	2.0545	0.0719	2.1264		28,077.5576	28,077.5576	1.3752		28,111.9385
Worker	5.8871	3.1743	42.0083	0.2222	39.6096	0.0984	39.7080	10.5068	0.0905	10.5973		22,195.6331	22,195.6331	0.1926		22,200.4477
<b>Total</b>	<b>7.8059</b>	<b>82.9775</b>	<b>60.4785</b>	<b>0.4859</b>	<b>46.7513</b>	<b>0.1735</b>	<b>46.9249</b>	<b>12.5613</b>	<b>0.1623</b>	<b>12.7237</b>		<b>50,273.1907</b>	<b>50,273.1907</b>	<b>1.5678</b>		<b>50,312.3863</b>

**3.6 Paving - 2041**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>		<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.6 Paving - 2041**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.6 Paving - 2041**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**3.6 Paving - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164		2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>		<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.6 Paving - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0112	3.6566	15.8177	0.0281		0.1164	0.1164		0.1164	0.1164	0.0000	2,656.5168	2,656.5168	0.0893		2,658.7489
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.0112</b>	<b>3.6566</b>	<b>15.8177</b>	<b>0.0281</b>		<b>0.1164</b>	<b>0.1164</b>		<b>0.1164</b>	<b>0.1164</b>	<b>0.0000</b>	<b>2,656.5168</b>	<b>2,656.5168</b>	<b>0.0893</b>		<b>2,658.7489</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.6 Paving - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0170	9.1400e-003	0.1210	6.4000e-004	0.1141	2.8000e-004	0.1144	0.0303	2.6000e-004	0.0305		63.9398	63.9398	5.5000e-004		63.9537
<b>Total</b>	<b>0.0170</b>	<b>9.1400e-003</b>	<b>0.1210</b>	<b>6.4000e-004</b>	<b>0.1141</b>	<b>2.8000e-004</b>	<b>0.1144</b>	<b>0.0303</b>	<b>2.6000e-004</b>	<b>0.0305</b>		<b>63.9398</b>	<b>63.9398</b>	<b>5.5000e-004</b>		<b>63.9537</b>

**3.7 Architectural Coating - 2042**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2042**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2042**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**3.7 Architectural Coating - 2043**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003		281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2043**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	202.4433					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1149	0.7270	1.7923	2.9700e-003		7.4300e-003	7.4300e-003		7.4300e-003	7.4300e-003	0.0000	281.4481	281.4481	9.9000e-003		281.6957
<b>Total</b>	<b>202.5582</b>	<b>0.7270</b>	<b>1.7923</b>	<b>2.9700e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>		<b>7.4300e-003</b>	<b>7.4300e-003</b>	<b>0.0000</b>	<b>281.4481</b>	<b>281.4481</b>	<b>9.9000e-003</b>		<b>281.6957</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**3.7 Architectural Coating - 2043**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	1.1770	0.6346	8.3984	0.0444	7.9189	0.0197	7.9385	2.1006	0.0181	2.1186		4,437.4216	4,437.4216	0.0385		4,438.3841
<b>Total</b>	<b>1.1770</b>	<b>0.6346</b>	<b>8.3984</b>	<b>0.0444</b>	<b>7.9189</b>	<b>0.0197</b>	<b>7.9385</b>	<b>2.1006</b>	<b>0.0181</b>	<b>2.1186</b>		<b>4,437.4216</b>	<b>4,437.4216</b>	<b>0.0385</b>		<b>4,438.3841</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

Integrate Below Market Rate Housing

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	32.1190	185.8499	349.6608	1.4292	170.3417	0.7877	171.1294	45.4786	0.7317	46.2103		145,953.7924	145,953.7924	6.2341		146,109.6449
Unmitigated	32.2460	186.4951	352.5024	1.4447	172.4106	0.7951	173.2057	46.0310	0.7386	46.7695		147,534.5953	147,534.5953	6.2819		147,691.6415

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	10,972.35	11,921.40	10106.55	13,501,464	13,339,447
Apartments Mid Rise	20,515.25	19,713.15	18078.10	34,799,150	34,381,560
City Park	150.26	1,808.63	1330.83	1,025,459	1,013,153
Condo/Townhouse	871.50	850.50	726.00	2,175,327	2,149,223
Elementary School	1,535.29	0.00	0.00	2,306,054	2,278,381
General Light Industry	1,290.84	244.46	125.94	2,696,455	2,664,098
Racquet Club	883.89	1,345.05	1096.20	1,294,152	1,278,622
Regional Shopping Center	10,419.65	12,193.68	6159.06	14,063,079	13,894,322
<b>Total</b>	<b>46,639.03</b>	<b>48,076.87</b>	<b>37,622.68</b>	<b>71,861,140</b>	<b>70,998,807</b>

4.3 Trip Type Information

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	1.10	5.00	6.50	46.50	12.50	41.00	86	11	3
Apartments Mid Rise	4.47	5.00	6.50	46.50	12.50	41.00	86	11	3
City Park	10.00	5.00	6.50	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.00	5.00	6.50	46.50	12.50	41.00	86	11	3
Elementary School	10.00	5.00	6.50	65.00	30.00	5.00	63	25	12
General Light Industry	10.00	5.00	6.50	59.00	28.00	13.00	92	5	3
Racquet Club	10.00	5.00	6.50	11.50	69.50	19.00	52	39	9
Regional Shopping Center	10.00	5.00	6.50	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Apartments Mid Rise	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
City Park	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Condo/Townhouse	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Elementary School	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
General Light Industry	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Racquet Club	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566
Regional Shopping Center	0.578893	0.033999	0.212840	0.104491	0.010628	0.004325	0.018736	0.026318	0.001852	0.001362	0.005392	0.000598	0.000566

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.7672	15.2905	7.8124	0.0964		1.2210	1.2210		1.2210	1.2210		19,278.5131	19,278.5131	0.3695	0.3534	19,393.0757
NaturalGas Unmitigated	1.7672	15.2905	7.8124	0.0964		1.2210	1.2210		1.2210	1.2210		19,278.5131	19,278.5131	0.3695	0.3534	19,393.0757

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	49608.8	0.5350	4.5718	1.9454	0.0292		0.3696	0.3696		0.3696	0.3696		5,836.3281	5,836.3281	0.1119	0.1070	5,871.0105
Apartments Mid Rise	74633	0.8049	6.8779	2.9268	0.0439		0.5561	0.5561		0.5561	0.5561		8,780.3525	8,780.3525	0.1683	0.1610	8,832.5297
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	7491.33	0.0808	0.6904	0.2938	4.4100e-003		0.0558	0.0558		0.0558	0.0558		881.3328	881.3328	0.0169	0.0162	886.5701
Elementary School	4159.92	0.0449	0.4078	0.3426	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.4021	489.4021	9.3800e-003	8.9700e-003	492.3104
General Light Industry	18169.9	0.1960	1.7814	1.4963	0.0107		0.1354	0.1354		0.1354	0.1354		2,137.6348	2,137.6348	0.0410	0.0392	2,150.3377
Racquet Club	6180.9	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3623.53	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.7672</b>	<b>15.2905</b>	<b>7.8124</b>	<b>0.0964</b>		<b>1.2210</b>	<b>1.2210</b>		<b>1.2210</b>	<b>1.2210</b>		<b>19,278.5131</b>	<b>19,278.5131</b>	<b>0.3695</b>	<b>0.3534</b>	<b>19,393.0757</b>



West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Low Rise	49.6088	0.5350	4.5718	1.9454	0.0292		0.3696	0.3696		0.3696	0.3696		5,836.3281	5,836.3281	0.1119	0.1070	5,871.0105
Apartments Mid Rise	74.633	0.8049	6.8779	2.9268	0.0439		0.5561	0.5561		0.5561	0.5561		8,780.3525	8,780.3525	0.1683	0.1610	8,832.5297
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	7.49133	0.0808	0.6904	0.2938	4.4100e-003		0.0558	0.0558		0.0558	0.0558		881.3328	881.3328	0.0169	0.0162	886.5701
Elementary School	4.15992	0.0449	0.4078	0.3426	2.4500e-003		0.0310	0.0310		0.0310	0.0310		489.4021	489.4021	9.3800e-003	8.9700e-003	492.3104
General Light Industry	18.1699	0.1960	1.7814	1.4963	0.0107		0.1354	0.1354		0.1354	0.1354		2,137.6348	2,137.6348	0.0410	0.0392	2,150.3377
Racquet Club	6.1809	0.0667	0.6060	0.5090	3.6400e-003		0.0461	0.0461		0.0461	0.0461		727.1652	727.1652	0.0139	0.0133	731.4864
Regional Shopping Center	3.62353	0.0391	0.3553	0.2984	2.1300e-003		0.0270	0.0270		0.0270	0.0270		426.2976	426.2976	8.1700e-003	7.8200e-003	428.8309
<b>Total</b>		<b>1.7672</b>	<b>15.2905</b>	<b>7.8124</b>	<b>0.0964</b>		<b>1.2210</b>	<b>1.2210</b>		<b>1.2210</b>	<b>1.2210</b>		<b>19,278.5131</b>	<b>19,278.5131</b>	<b>0.3695</b>	<b>0.3534</b>	<b>19,393.0757</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858
Unmitigated	148.0552	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421	0.0000	728.0532	728.0532	0.6933	0.0000	745.3858

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.3031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.7012					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0509	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421		728.0532	728.0532	0.6933		745.3858
<b>Total</b>	<b>148.0552</b>	<b>4.6482</b>	<b>402.9034</b>	<b>0.0214</b>		<b>2.2421</b>	<b>2.2421</b>		<b>2.2421</b>	<b>2.2421</b>	<b>0.0000</b>	<b>728.0532</b>	<b>728.0532</b>	<b>0.6933</b>	<b>0.0000</b>	<b>745.3858</b>

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.3031					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	117.7012					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	12.0509	4.6482	402.9034	0.0214		2.2421	2.2421		2.2421	2.2421		728.0532	728.0532	0.6933		745.3858
<b>Total</b>	<b>148.0552</b>	<b>4.6482</b>	<b>402.9034</b>	<b>0.0214</b>		<b>2.2421</b>	<b>2.2421</b>		<b>2.2421</b>	<b>2.2421</b>	<b>0.0000</b>	<b>728.0532</b>	<b>728.0532</b>	<b>0.6933</b>	<b>0.0000</b>	<b>745.3858</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

West Broadway Future\_VMT Adj\_incl Project Features - Sacramento County, Winter

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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