TRAFFIC CONTROL TEMPLATES.

SEE PAGE 12 FOR INSURANCE REQUIREMENTS AND EXAMPLES.

| | | | Minimum Taper Lengths | | | | | | | | | | | | |
|--------------|---------------------------|--------------|-------------------------|-------|----------|---------------|-------|----------|---------------|----------|----------|-----------------------|--------|--------------|--------------|
| Posted Speed | Formula | Buffer Space | 10' Offset | | | 11' Offset | | | 12' Offset | | | Maximum *Cone Spacing | | Sign Spacing | LIDG (Ft) |
| | | | L ½L 1/3 L L ½L 1/3 L L | | L | ½ L | 1/3 L | Taper | | <u> </u> | | | | | |
| | | | Merge | Shift | Shoulder | Merge | Shift | Shoulder | Merge | Shift | Shoulder | Long. | & LIDG | | |
| 25 | | 155' | 104' | 52' | 35' | 115' | 57' | 38' | 125' | 63' | 42' | 25' | 13' | 100' To 200' | 94' |
| 30 | $L = WS^2$ | 200' | 150' | 75' | 50' | 165' | 83' | 55' | 180' | 90' | 60' | 30' | 15' | 120' To 250' | 113' |
| 35 | $L = \frac{\sqrt{3}}{60}$ | 250' | 204' | 102' | 68' | 225' | 112' | 75' | 245' | 123' | 82' | 35' | 18' | 140' To 280' | 131' |
| 40 | 00 | 305' | 267' | 133' | 89' | 293' | 147' | 98' | 320' | 160' | 107' | 40' | 20' | 160' To 320' | 150' |
| 45 | | 360' | 450' | 225' | 150' | 495' | 248' | 165' | 540' | 270' | 180' | 45' | 23' | 360' To 540' | 169' |
| 50 | | 425' | 500' | 250' | 167' | 550' | 275' | 183' | 600' | 300' | 200' | 50' | 25' | 400' To 600' | 197' |
| 55 | L = WS | 495' | 550' | 275' | 183' | 605' | 303' | 202' | 660' | 330' | 220' | 50' | 28' | 440' To 660' | 210' |
| 60 | | 570' | 600' | 300' | 200' | 660' | 330' | 220' | 720' | 360' | 240' | 50' | 30' | 480' To 720' | 225' |
| 65 | | 645' | 650' | 325' | 217' | 715' | 358' | 238' | 780' | 390' | 260' | 50' | 33' | 520' To 700' | 244' |
| 70 | | 730' | 700' | 350' | 233' | 770' | 385' | 257' | 840' | 420' | 280' | 50' | 35' | 560' To 820' | 263' |



Both are based on:

- 1.) 85th % or if not available, then use
- 2.) Posted Speed Limit (PSL)
- L = Taper Length
- S = Speed
- W = Width (Offset from path of travel)
 LIDG = Lateral Intrusion Deterrence Gap (Ref: Ontario Traffic Manual -Book 7)
- * Cones shown on templates are illustration purposes only. Exact number of cones required shall be based on cone spacing, taper lengths, actual field conditions, etc...

| REVISIONS | | | | | | | | |
|-----------|-----------------------------------|-----|------|--|--|--|--|--|
| REV. | DESCRIPTION BY DA | | | | | | | |
| 1 | -Delete Low/High Spd / Add LIDG / | GDK | 2/14 | | | | | |
| | Revise Sign Spacing | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |





M & O TYPICAL TRAFFIC CONTROL PLANS

DEVICE SPACING TABLE SIGN SPACING, TAPER LENGTH AND CONE SPACING TABLE

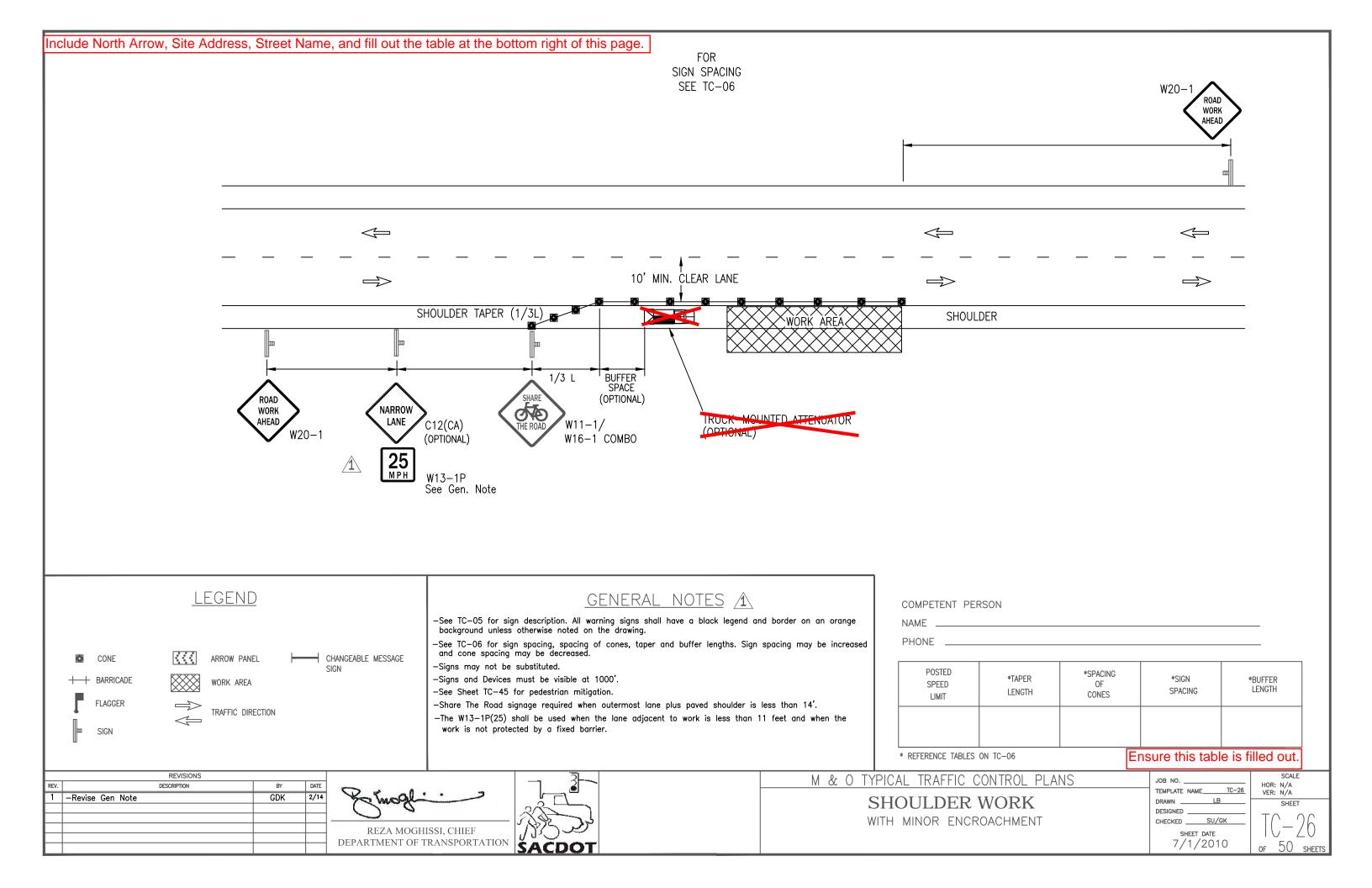
TEMPLATE NAME TC-06 DRAWN DESIGNED _ CHECKED SU/GK

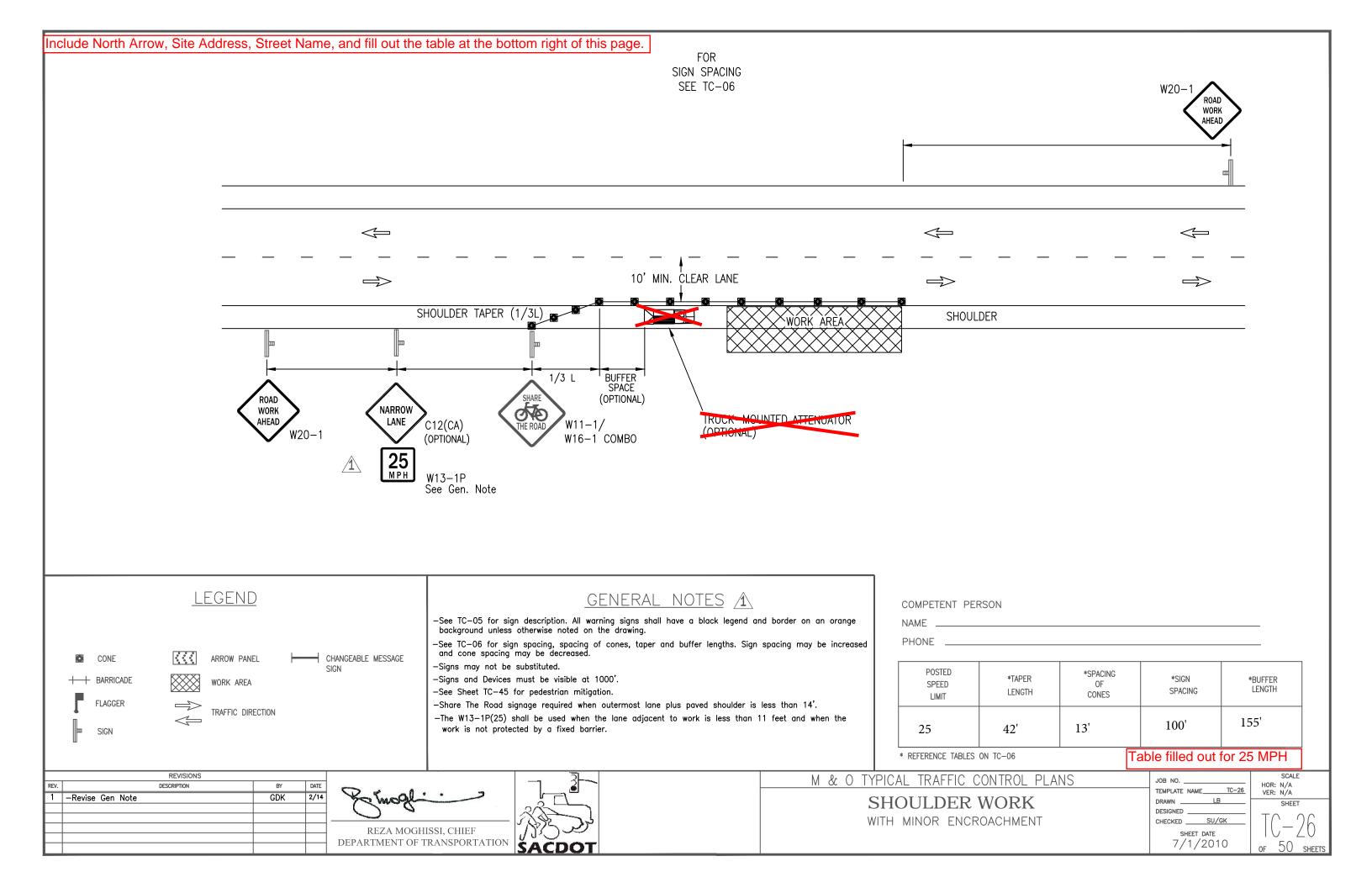
JOB NO.

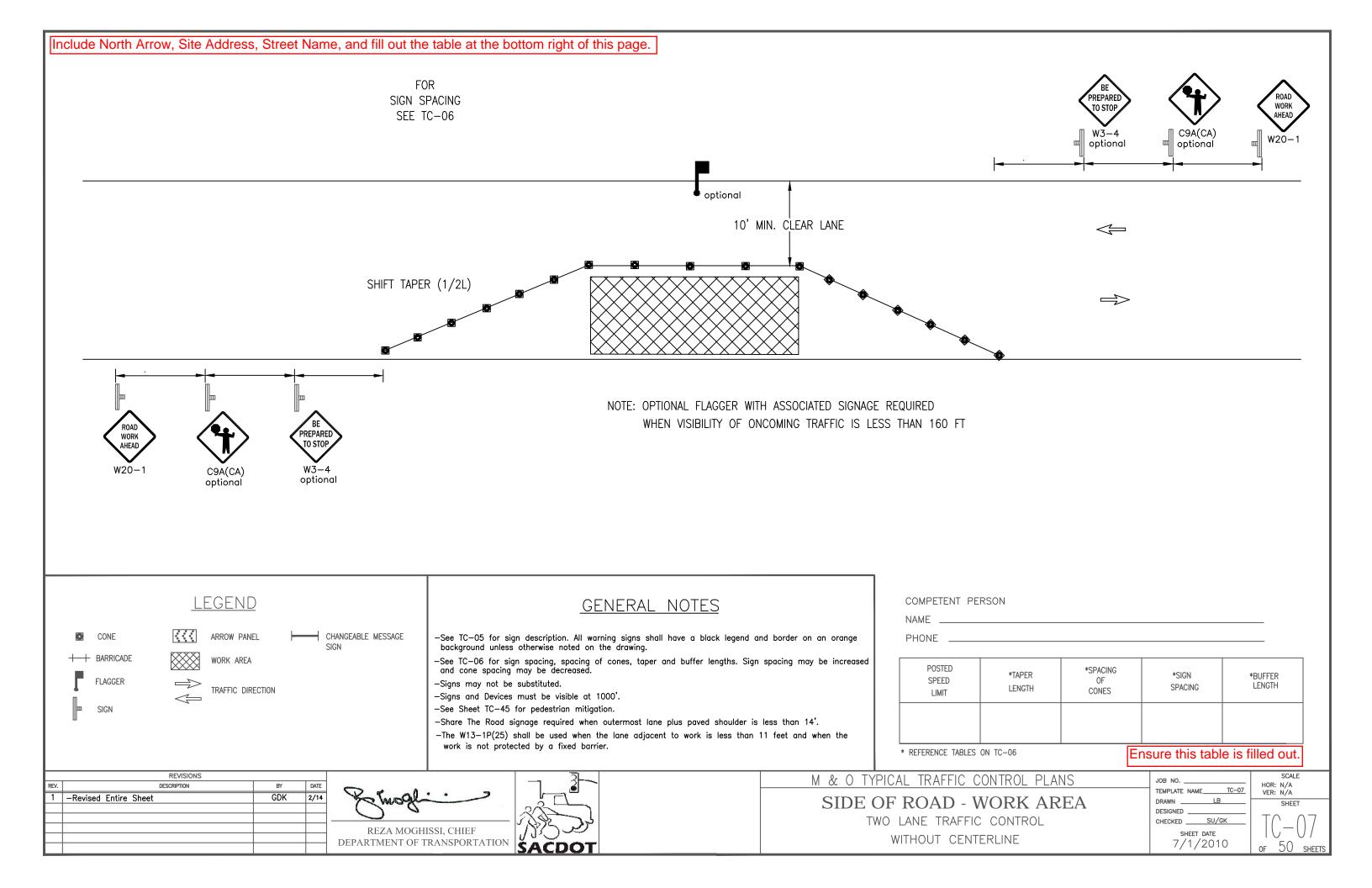
SHEET DATE 7/1/2010

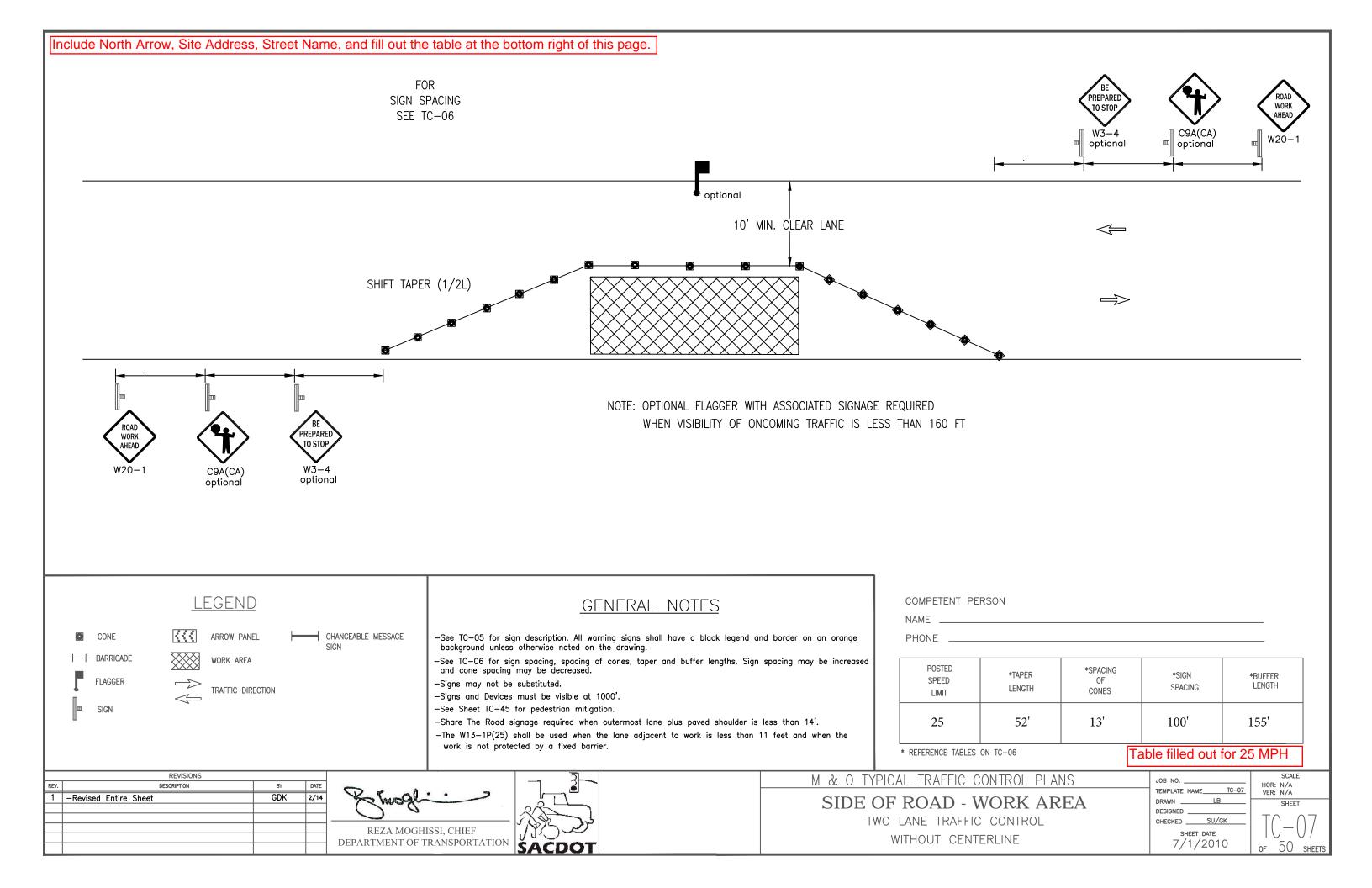
HOR: N/A VER: N/A

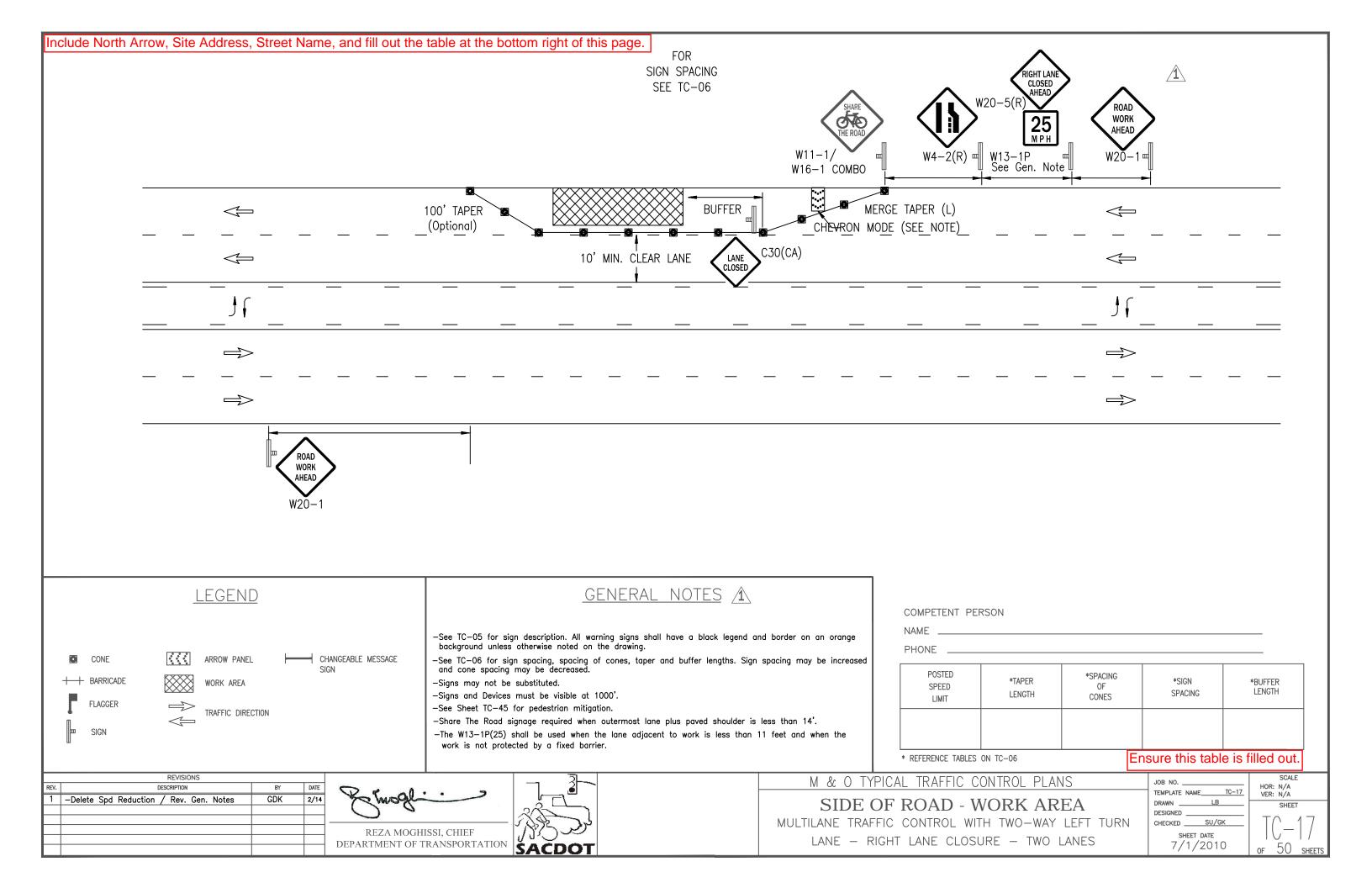
SHEET

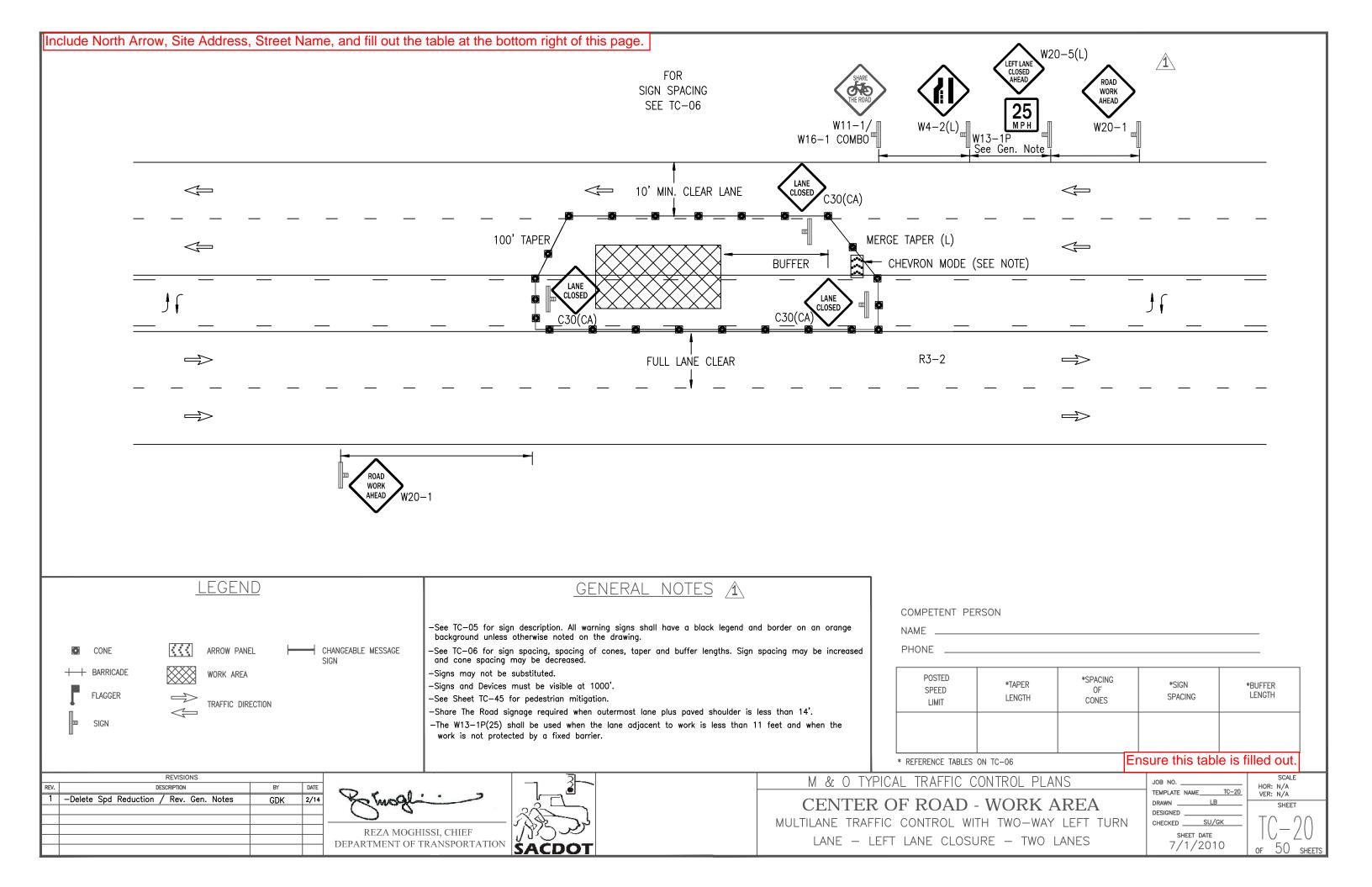






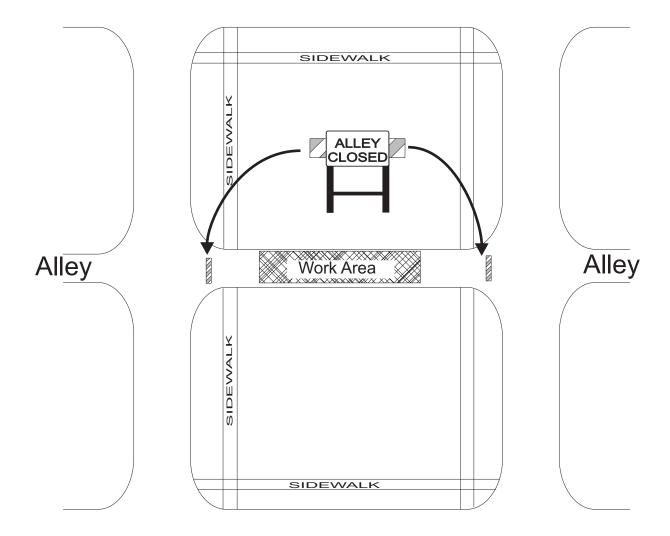






Traffic Control - Full Alley Closure

- *Contractor must resolve all local access and safety issues.
- *Contractor must give notice to all local residents and businesses prior to alley closure.
- *All barricades, cones, and signs must be in accordance with the latest edition of the Manual on Uniform Traffic Control Devices.



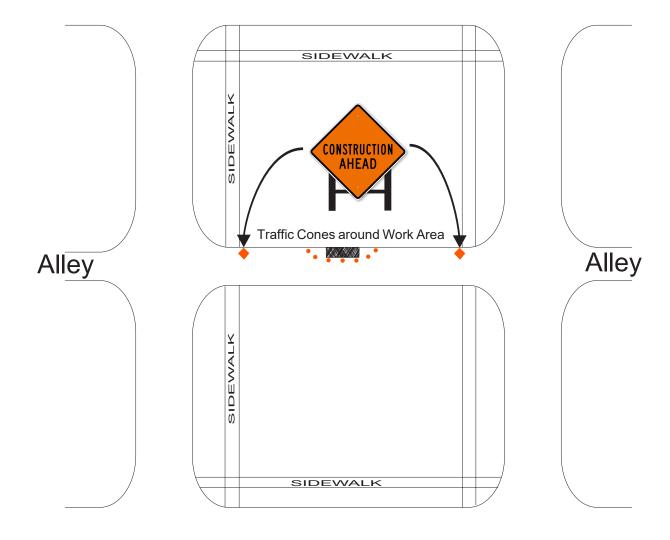
TO S

Indicate North On Plan

Drawing Not to Scale

Traffic Control - Partial Alley Closure

- *Contractor must resolve all local access and safety issues.
- *Contractor must give notice to all affected local residents and businesses prior to alley closure.
- *All barricades, cones, and signs must be in accordance with the latest edition of the Manual on Uniform Traffic Control Devices.



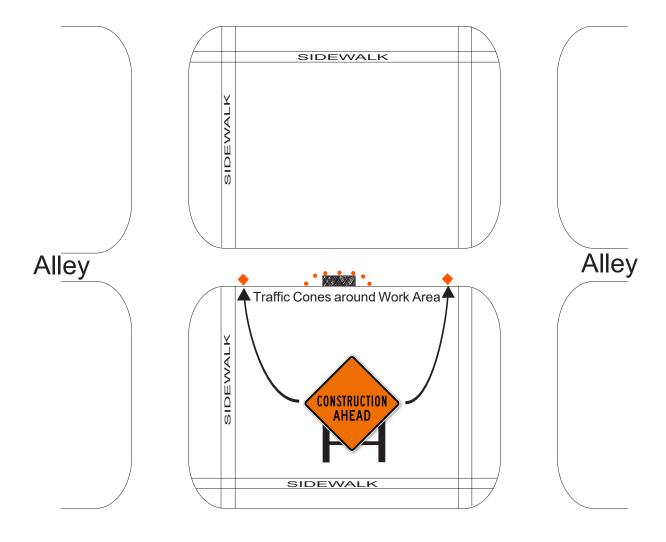


Indicate North On Plan

Drawing Not to Scale

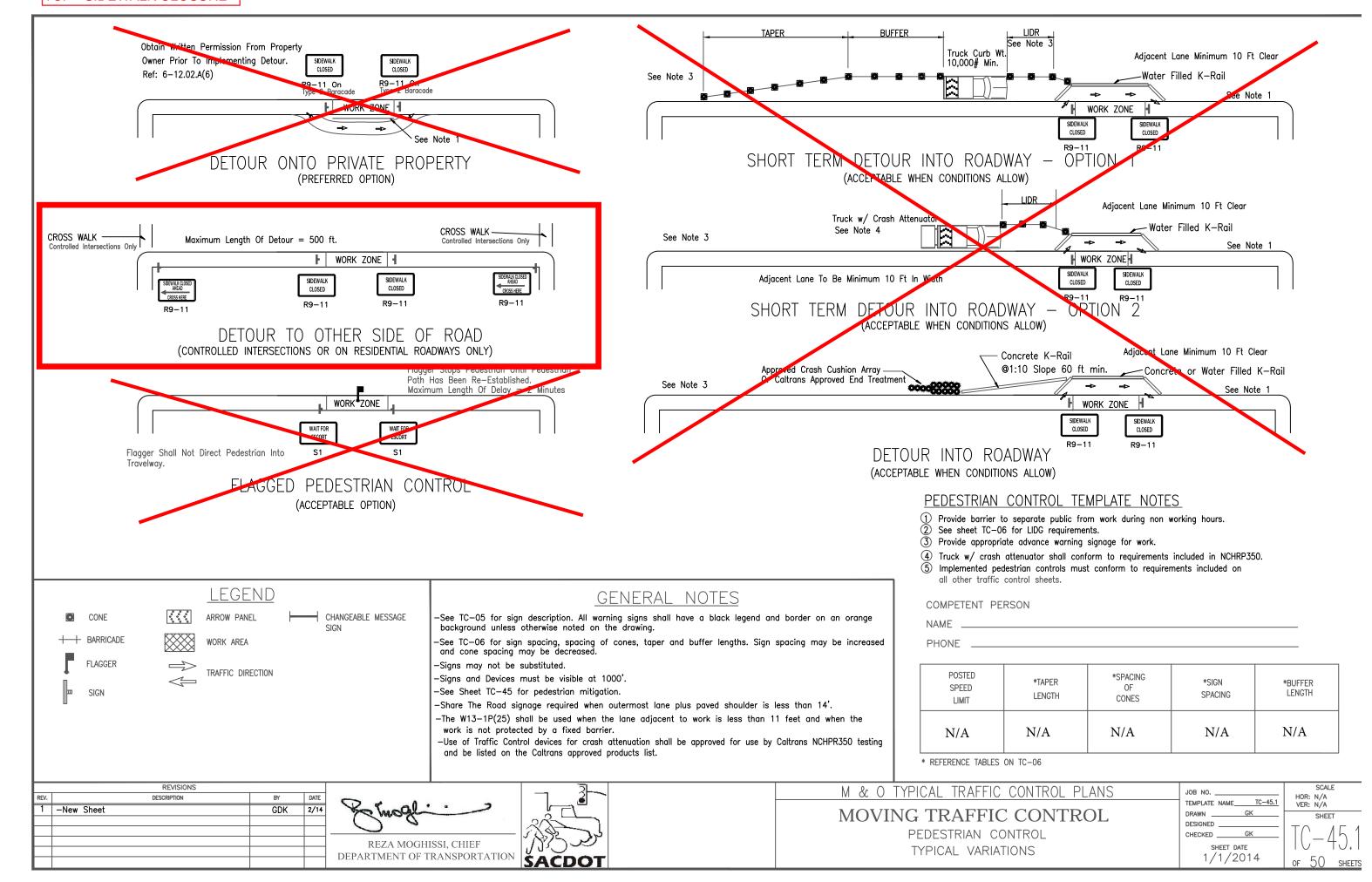
Traffic Control - Partial Alley Closure

- *Contractor must resolve all local access and safety issues.
- *Contractor must give notice to all affected local residents and businesses prior to alley closure.
- *All barricades, cones, and signs must be in accordance with the latest edition of the Manual on Uniform Traffic Control Devices.



Indicate North On Plan

Drawing Not to Scale



INSURANCE REQUIREMENTS

CITY OF SACRAMENTO HUMAN RESOURCES DEPARTMENT RISK MANAGEMENT



ENCROACHMENTS & DRIVEWAY PERMITS REQUIREMENTS FOR CERTIFICATES OF INSURANCE

- The City of Sacramento requires all certificates of insurance to be submitted on a standard Accord form or on the insurance company's letterhead. The City does not accept declaration pages. The certificate of insurance must be signed by a legitimate agent.
- The amount of insurance must meet the minimum limits of liability coverage, <u>General Liability</u> - \$500,000 Combined Single Limit, set forth in Resolution 81.845.
- 3) The City of Sacramento must be listed as a certificate holder.
- 4) "The City of Sacramento, its officials, agents, employees & volunteers" must be named additional insured with respects to general liability. An additional insured endorsement must accompany the certificate of insurance.
- 5) The insurance company must have an A.M Best Guide rating of A-VII or better.
- 6) The City of Sacramento requires a valid policy number to be provided by an insurance company that meets the requirements listed above. The City does not accept "binder numbers", "pending", "TBD", "to follow", "to be announced".
- 7) The City requires a 30 day written notice of cancellation to be designated on the certificate of insurance.
- 8) The issue date must be provided on the certificate of insurance as well as the policy's effective and expiration dates.
- 9) For businesses, the company name <u>must be listed</u>. (For example, Smith's Construction <u>or</u> John Smith, Doing Business As Smith's Construction)

If you have any questions on the above, please contact the Risk Management Office at (916) 808-5556.

05/22/07 ml

915 "I" Street, 4th Floor • Sacramento, CA 95814-2604 • Phone 916.808.5278 • Fax 916.808-5160

www.cityofsacramento.org

An Equal Opportunity Employer



EXAMPLE: ACORD FORM

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed.

| If SUBROGATION IS WAIVED, subject this certificate does not confer right | | | | | | | require an endorsemen | t. A sta | tement | on |
|--|----------------------------|------------------------|--|----------------------------|--|---|--|----------|---------------|-----------|
| PRODUCER | | | | CONTA NAME: | | • | 100 | 1 | | |
| | | | 10 | PHONE | - 5.40 | | FAX (A/C, No): | | | |
| 181 | | | 4/1/2/2 | (A/C, N E-MAIL ADDRE | o, Ext): | | (A/C, NO): | | | |
| | | | 400 | ADDRE | | SURFR(S) AFFOR | RDING COVERAGE | | NAIC: | # |
| Th. | | | 00 | INSURE | | ONEN(O) ATTO | IDINO GOVENAGE | | - INAIO | " |
| INSURED | | | ~ | INSURE | ERB: | | | | | |
| <u> </u> | | | | INSURE | ERC: | | | | | |
| | | | | INSURE | | | | | | |
| | | | | INSURE | | 0 | | | | |
| | 3 | | | INSURE | | | | | | 4 |
| COVERAGES C | ERTIFI | CATE | NUMBER: W2828849 | | 1 | 12 | REVISION NUMBER: | | 1 | 0 |
| THIS IS TO CERTIFY THAT THE POLIC INDICATED. NOTWITHSTANDING ANY CERTIFICATE MAY BE ISSUED OR MAEXCLUSIONS AND CONDITIONS OF SUC | REQUII Y PER CH POLI | REME FAIN, CIES. | NT, TERM OR CONDITION THE INSURANCE AFFORD LIMITS SHOWN MAY HAVE | OF AN ED BY | Y CONTRACT THE POLICIES REDUCED BY I | OR OTHER I S DESCRIBEI PAID CLAIMS. | DOCUMENT WITH RESPE D HEREIN IS SUBJECT T | CT TO W | VHICH TH | HIS |
| INSR LTR TYPE OF INSURANCE | INSD | SUBR WVD | POLICY NUMBER | 6 | POLICY EFF (MM/DD/YYYY) | (MM/DD/YYYY) | LIMIT | rs | | |
| COMMERCIAL GENERAL LIABILITY | | | | 1 | | | EACH OCCURRENCE | \$ | 500 | ,000 |
| CLAIMS-MADE OCCUR | | | | | | | DAMAGE TO RENTED PREMISES (Ea occurrence) | \$ | | Λ |
| A XCU, Contractual Liab & Broad | | | | | | | MED EXP (Any one person) | \$ | | |
| Form Prop Damage Included | Y | N | 0000 | 0001X | 04/01/20XX | 04/01/20XX | PERSONAL & ADV INJURY | \$ | | |
| GEN'L AGGREGATE LIMIT APPLIES PER: | | | . 0 | | 1 | 7 | GENERAL AGGREGATE | \$ | | |
| POLICY PRO- JECT LOC | | | | | | | PRODUCTS - COMP/OP AGG | \$ | | |
| OTHER: | | | 101 | | | | 7 1 m | \$ | | |
| AUTOMOBILE LIABILITY | | | | | | | COMBINED SINGLE LIMIT (Ea accident) | \$ | | \top |
| ANY AUTO | | Pol | licy must be active | e. | ν | | BODILY INJURY (Per person) | \$ | | |
| OWNED SCHEDULED | 66 | 96. 1 | × | | | 1 | BODILY INJURY (Per accident) | \$ | | |
| AUTOS ONLY AUTOS NON-OWNED | | 0 | | | | | PROPERTY DAMAGE | \$ | | Α. |
| AUTOS ONLY AUTOS ONLY | 7 | | | | | | (Per accident) SIR | \$ | | 1 |
| UMBRELLA LIAB OCCUR | | | | | | | EACH OCCURRENCE | \$ | ^ | 0 |
| EXCESS LIAB CLAIMS-MA | DE | | | | 6 O V | | AGGREGATE | \$ | 100 | 1. |
| DED RETENTION \$ | | | | | | | | \$ | 1 | |
| WORKERS COMPENSATION | | | | -4 | 12 | | PER OTH- STATUTE ER | 0.0 | 1 | |
| AND EMPLOYERS' LIABILITY ANYPROPRIETOR/PARTNER/EXECUTIVE | N | | | S. | | | E.L. EACH ACCIDENT | \$ | | |
| OFFICER/MEMBER EXCLUDED? (Mandatory in NH) | | | 1 | 11. | 7 | | E.L. DISEASE - EA EMPLOYEE | \$ | | |
| If yes, describe under DESCRIPTION OF OPERATIONS below | | | 46 | 7 | | | E.L. DISEASE - POLICY LIMIT | | | |
| | | | 00 | | | | \$500,000 mini | mum | $\overline{}$ | \top |
| | | | ~ | | | | | | 、 | |
| C.O. | | | | | | | (Typically \$1 N | /IIIIon |) | |
| DESCRIPTION OF OPERATIONS / LOCATIONS / VEI | HICLES (| ACORD | 101, Additional Remarks Schedu | le, may b | e attached if more | e space is requir | ed) | | | |
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| CERTIFICATE HOLDER |) | | | CAN | CELLATION | | | | AP | 1 |
| | | Cit | y of Sacramento | 1 | | | | ./ | De la | |
| City of Sacramento | | | ed as certificate | 4000000 | | | ESCRIBED POLICIES BE C EREOF, NOTICE WILL | | | |
| c/o EXIGIS LLC | | | | | | | CY PROVISIONS. | JL DEL | VENED | III. |
| P.O. Box 947 | | | der. EXIGIS is a | 11 | | | | 1 3. | | |
| Murrieta, CA 92564 | | rep | presentative of | AUTHO | RIZED REPRESE | NTATIVE | 0.0 | 1 | | |
| | | the | City. | * | | | 20 | | | |

EXAMPLE: ADDITIONAL INSURED ENDORSEMENT

Policy Number: 00000001X

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

Policy number matches Acord Form

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

| Name Of Additional Insured Person(s) Or Organization(s): | Location(s) Of Covered Operations |
|--|--|
| ALL PERSONS OR OR GANIZATIONS WITH WHOM YOU HAVE ENTERED INTO A WRITTEN CONTRACT OR AGREEMENT, PRIOR TO AN "OCCURRENCE" OR OFFENSE, TO PROVIDE ADDITIONAL INSURED STATUS | ALL LOCATIONS AS REQUIRED BY A WRITTEN CONTRACT OR AGREEMENT ENTERED IN TO PRIOR TO AN "OCCURRENCE" OR OFFENSE |
| formation required to complete this Schedule, if not sho | alle 3 |

- A. Section II Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:
 - 1. Your acts or omissions; or
 - The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above. B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

 All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or