



# COUNTY OF SAN JOAQUIN

DEPARTMENT OF PUBLIC WORKS  
P.O. BOX 1810-1810 E. HAZELTON AVENUE  
STOCKTON, CALIFORNIA 95201  
(209) 468-3000  
FAX # (209) 468-9324

Permit No: PS-1803648  
Date Issued: 10/18/2018  
Start Date: 10/18/2018  
Exp. Date: 02/01/2019  
Project No: PWP730079  
Quad: NW

UE/CR/PM NO:A01E2WW

## ENCROACHMENT PERMIT

To: AT & T - FRESNO  
5555 E. OLIVE RM#300III  
FRESNO, CA 93727

**Encroachment Type:**

Trench			
--------	--	--	--

**Location:**

WOODBIDGE RD(THORNTON RD-2,667' NORTH)

In compliance with your request of 10/18/2018, permission is hereby granted to do work in County right-of-way as shown on attached application and subject to all the terms, conditions and restrictions written below or printed as general or special provisions on any part of this form. See reverse side and attached sheet, if any.

Trench excavations for service connections will not be permitted within ten feet (10') of pavement centerline unless otherwise approved by the Director. Surface of trench patches shall match in kind and be smooth and even with that of abutting surface. Special attention shall be given to depth of utilities through roadside area in anticipation of future drainage facilities, road profile and/or frontage development. All underground utility facilities are to be established and accurately dimensioned on sketches from surveyed centerline of road right of way, or from right of way (border) lines.

Permittee shall call the Department of Public Works, Field Engineering Division (Permit Inspections) at (209)953-7421 at least forty-eight hours prior to beginning any work within the County right of way. All work performed under this permit shall conform to the rules and regulations pertaining to safety established by the California Division of Industrial Safety and Cal-OSHA.

The jobsite shall be kept in a safe condition at all times by the daily removal of any excess dirt or debris which might be a hazard to either pedestrian or automobile traffic. All necessary traffic convenience and warning devices and personnel shall be provided, placed and maintained by and at the sole expense of the Permittee in accordance with the latest edition of the CALTRANS Manual of Traffic Control.

After completion of the work permitted herein, all debris, lumber, barricades, or any excess material shall be removed and the jobsite left in a neat workmanlike manner. Immediately following completion of construction permitted herein, Permittee shall fill out and mail notice of completion (see attached post card) provided by Grantor.

**Special Comments:**

Traffic Control Per MUTCD
---------------------------

**FORMS:**

SS/WW, R-29		
-------------	--	--

Est. Permit Fee: \$500.70

KRIS BALAJI, Director  
Department of Public Works

- WHITE -Permittee
- GOLDENROD -PWD Central File
- YELLOW -Field Inspection
- PINK -Permit Section

By:   
Permit Section

ENCROACHMENT PERMIT GENERAL PROVISIONS

13-1

1. This permit is issued under and subject to all laws and ordinances of agencies governing the encroachment herein permitted. See the following references:  
STREETS AND HIGHWAYS CODE
  1. Division 1, Chapter 3
  2. Division 2, Chapter 2, Section 942
  3. Division 2, Chapter 4, Section 1126
  4. Division 2, Chapter 5.5 and Chapter 6  
SAN JOAQUIN COUNTY ORDINANCES NUMBERED: 324, 441, 648, 662, 672, 695, 700, 860, 892, 3339, and 3675.
2. It is understood and agreed by the Permittee that the performance of any work under this permit shall constitute an acceptance of all the provisions contained herein and failure on the Permittee's part to comply with any provision will be cause for revocation of this permit. Except as otherwise provided for public agencies and franchise holders, this permit is revocable on five days notice.
3. All work shall be done subject to the supervision of and the satisfaction of the grantor. The Permittee shall at all times during the progress of the work keep the County Highway in as neat and clean condition as is possible and upon completion of the work authorized herein, shall leave the County Highway in a thoroughly neat, clean and usable condition.
4. The Permittee also agrees by the acceptance of this permit to properly maintain any encroachment structure placed by the Permittee on any part of the County Highway and to immediately repair any damage to any portion of the highway, which occurs as a result of the maintenance of the said encroachment structure, until such time as the Permittee may be relieved of the responsibility for such maintenance by the County of San Joaquin.
5. The Permittee also agrees by the acceptance of this permit to make, at its own expense, such repairs as may be deemed necessary by the County Department of Public Works.
6. It is further agreed by the Permittee that whenever construction, reconstruction or maintenance work upon the highway is necessary, the installation provided for herein shall, upon request of the County Department of Public Works, be immediately moved or removed by and at the sole expense of the Permittee.
7. No material used for fill or backfill in the construction of the encroachment shall be borrowed or taken from within the County right of way.
8. All work shall be planned and carried out with as little inconvenience as possible to the traveling public. No material shall be stacked within eight feet (8') of the edge of the pavement or traveled way unless otherwise provided herein. Adequate provision shall be made for the protection of the traveling public. Traffic control standards shall be utilized including barricades; approved signs and lights; and flagmen, as required by the particular work in progress.
9. The Permittee, by the acceptance of this permit, shall assume full responsibility for all liability for personal injury or damage to property which may arise out of the work herein permitted or which may arise out of the failure of the part of the Permittee to properly perform the work provided under this permit. In the event any claim of such liability is made against the County of San Joaquin or any department, official or employee thereof, the Permittee shall defend, indemnify, and hold each of them harmless for such claim.
10. All backfill material is to be moistened as necessary and thoroughly compacted with mechanical means. If required by the County Director of Public Works, such backfill shall consist of gravel or crushed rock. The Permittee shall maintain the surface over structures placed hereunder as may be necessary to insure the return of the roadway to a completely stable condition and until relieved of such responsibility by the County Department of Public Works. Wherever a gravel, crushed rock or asphalt surface is removed or damaged in the course of work related to the permitted encroachment, such material shall either be separately stored and replaced in the roadway as nearly as possible in its original state or shall be replaced in kind, and the roadway shall be left in at least as good a condition as it was before the commencement of operations of placing the encroachment structure.
11. Whenever it becomes necessary to secure permission from abutting property owners for the proposed work, such authority must be secured by the Permittee prior to starting work.
12. The current and future safety and convenience of the traveling public shall be given every consideration in the location and methods of construction utilized.
13. The Permittee is responsible for the preservation of survey monuments located within the area of work herein permitted. Prior to the start of construction, survey monuments that potentially may be disturbed shall be located and referenced by a Licensed Land Surveyor, and a Corner Record filed with the County Surveyor. Any Survey Monuments disturbed during the course of construction shall be reestablished by a Licensed Land Surveyor and another Corner Record filed with the County Surveyor. (Land Surveyors' Act Section 8771)
14. Prior to any excavation, the Permittee shall notify USA North (Underground Service Alert of Northern California and Nevada) at 811 or 800-227-2600 forty-eight (48) hours in advance.

**APPLICATION FOR ENCROACHMENT PERMIT**

**PLEASE PRINT:**

Date 9/14/18

To: San Joaquin County  
Department of Public Works

AT&T / VCC PERMITS DESK  
**(Applicant Name)**

5555 E. Olive Ave  
**(Mailing Address)**

Fresno, CA 93727  
**(City, State, Zip Code)**

(559) 454-4900 g26977@att.com  
**(Area Code - Telephone Number)**

OFFICE USE ONLY		
JOB #	<u>730079</u>	REF # _____
APN	_____	CR # _____
EXP. DATE	_____	DRIVEWAYS: _____
VALID	<u>10-18-18</u> TO <u>2-1-19</u>	* _____
STREET	<u>Woodbridge</u>	* _____
AREA	_____ QUAD _____	* _____
TYPE	_____	_____
FORMS	_____	_____
NOTES	_____	_____

Sketch (Detailed plans may be submitted)

PLEASE SEE THE ATTACHED PERMIT DRAWINGS FOR AT&T JOB# A01E2WW.

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the SOUTH side of W WOODBRIDGE RD approximately 2,667' feet/mile EAST of THORNTON RD, by performing the following work (description of work): DIG PITS, PLACE WYE CAST & BARREL VAULT, PLACE (3) GND BEDS IN DIRT, ACCESS MANHOLE & POLE & PLACE AERIAL FIBER. SEE ATTACHED DOCUMENT FOR SPECIFIC JOB LOCATION & DESCRIPTION.

Work will commence on or about 10/2/18 for approximately 4 days.

I, the undersigned, certify that I am the owner of the respective property, or am qualified to represent the owner and agree to do the work described above in accordance with the rules and regulations of San Joaquin County and subject to inspection and approval.

Cherry Parks for AT&T Engineering Administrator 9-18-2018  
Signature of Applicant Title Date



**DIG ALERT  
BEFORE EXCAVATING CALL  
U.G. SERVICE ALERT  
1-800-227-2600  
CALL 2 FULL WORKING DAYS  
IN ADVANCE**

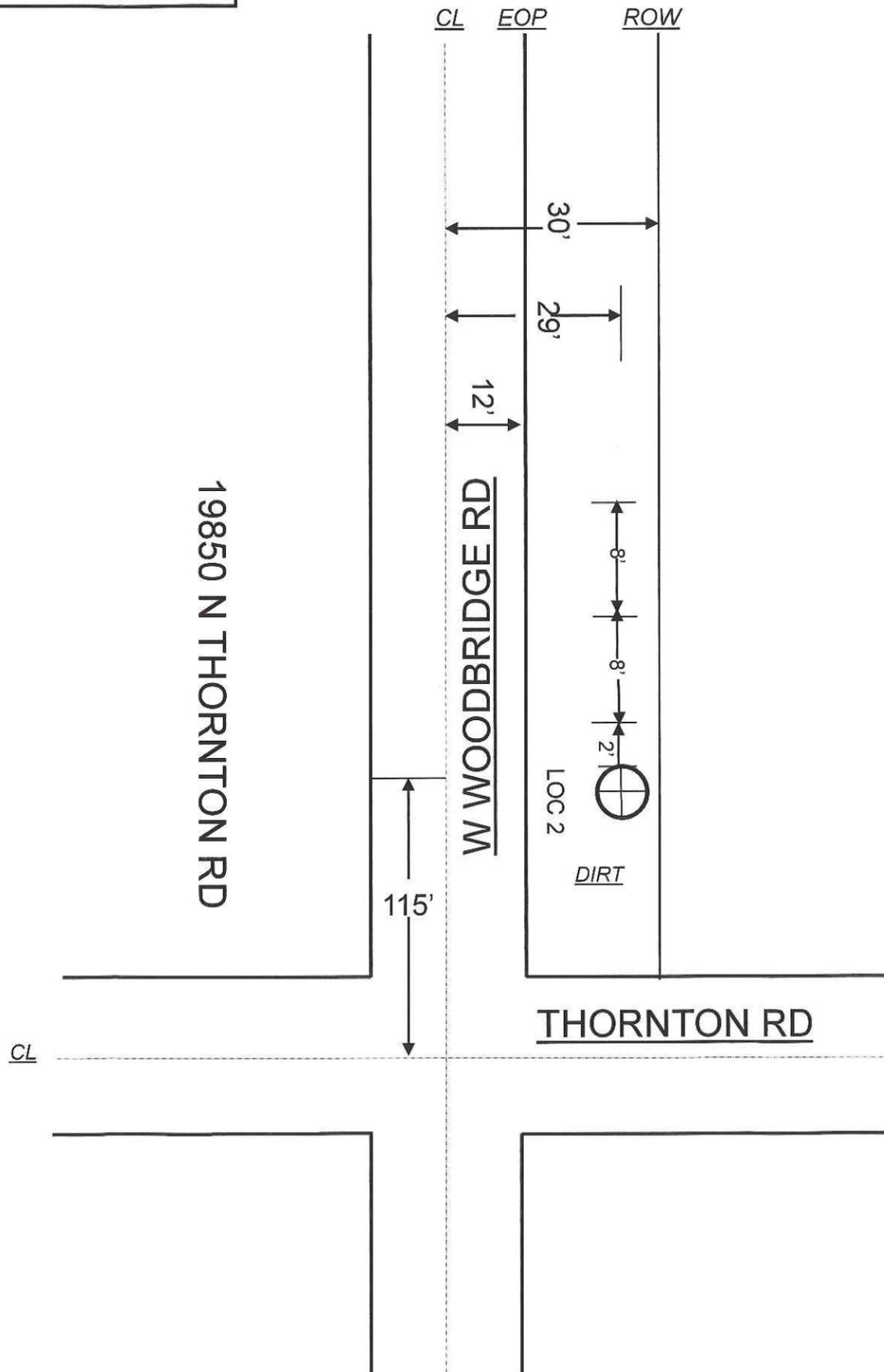
**EXCAVATION DATA**

OWNER	ASPHALT	CONCRETE	DIRT
COUNTY OF SAN JOAQUIN	NA	NA	18'X1' =18 SQ FT

PLACE (1) 3-ELECTRODE GND BED IN DIRT  
@ LOC 2 (38°09'37.7"N 121°23'55.2"W)

- CONSTRUCTION NOTES:**
1. MINIMUM COVER FOR STRUCTURE IS 30" BELOW GUTTER FLOW LINE OR 36" BELOW EXISTING GRADE, WHICH EVER IS GREATER.
  2. ALL SUBSTRUCTURE INFORMATION SHOWN WAS TAKEN FROM RECORDS AVAILABLE AND IS APPROXIMATE. VERIFY, LOCATE AND PROTECT AS REQUIRED.
  3. ALL TRAFFIC CONTROL TO BE IN ACCORDANCE WITH THE 2014 WORK AREA TRAFFIC CONTROL HANDBOOK AND CALIFORNIA M.U.T.C.D.
  4. CONSTRUCTION TO UTILIZE AND IMPLEMENT ALL BEST MANAGEMENT PRACTICES (BMP'S) AS REQUIRED TO ENSURE COMPLIANCE WITH THE SBC POLICY LETTER ISSUED FEBRUARY 21, 2003 BY ENVIRONMENTAL MANAGEMENT CONCERNING STORM WATER PERMITTING AND STORM WATER POLLUTION PREVENTION PLANS (SWPPP) AND IN ACCORDANCE WITH THE CLEAN WATER ACT (1965) AND EPA REGULATIONS PUBLISHED 1990 AS MODIFIED BY THE PHASE II RULE, IN 1999.

- 46L CONSTRUCTION NOTES:**
1. EXCAVATE & PLACE 3-ELECTRODE GROUND BED & DIRT @ LOC 2.
  2. GROUND BEDS SHALL BE INSTALLED WITH A MINIMUM HORIZONTAL/PARALLEL SEPARATION OF 5 FT FROM EXISTING WATER FACILITIES.



N  
 NOT TO SCALE

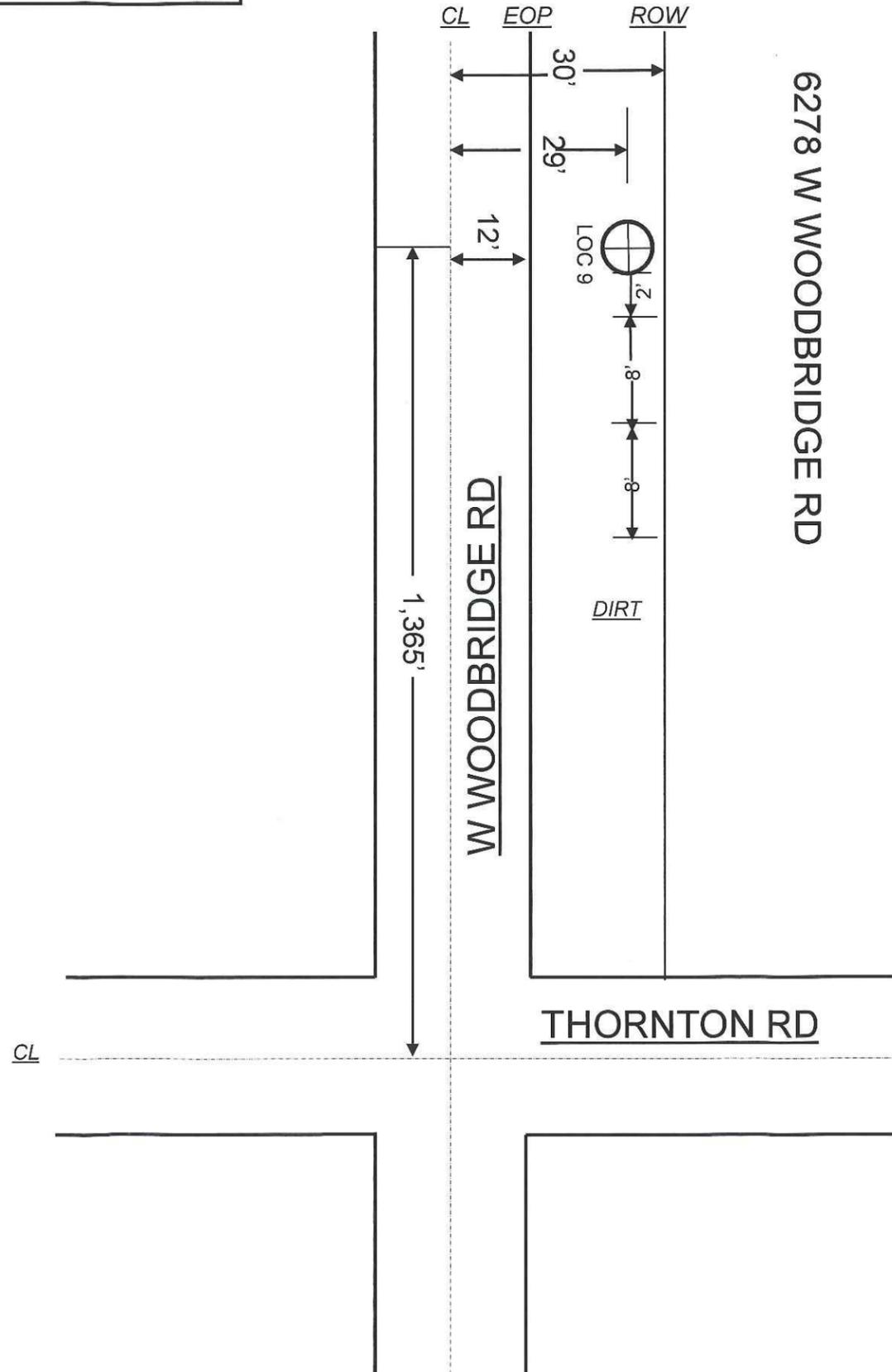
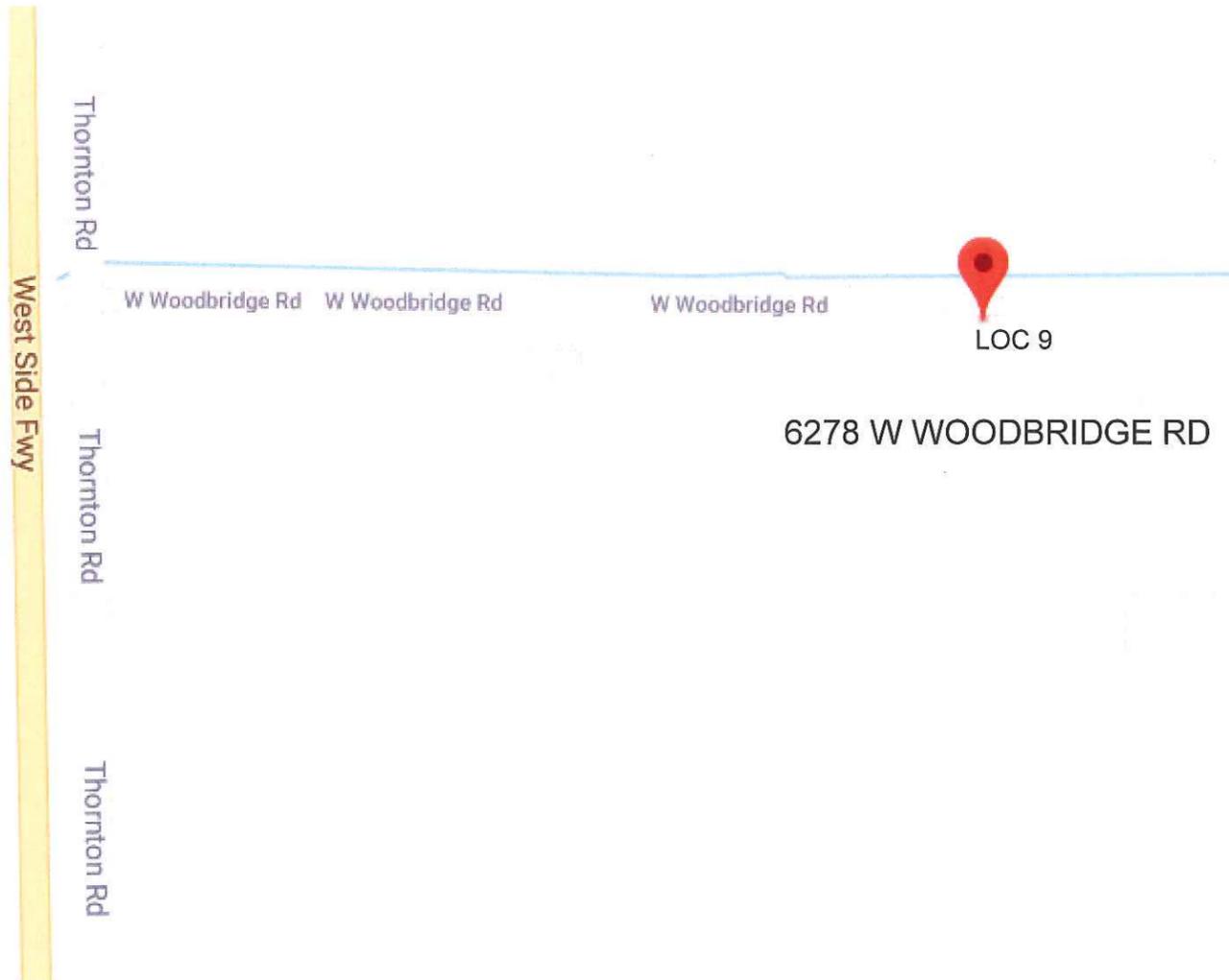


**EXCAVATION DATA**

OWNER	ASPHALT	CONCRETE	DIRT
COUNTY OF SAN JOAQUIN	NA	NA	18'X1' =18 SQ FT

PLACE (1) 3-ELECTRODE GND BED IN DIRT  
@ LOC 9 (38°09'37.6"N 121°23'39.5"W)

**DIG ALERT  
BEFORE EXCAVATING CALL  
U.G. SERVICE ALERT  
1-800-227-2600  
CALL 2 FULL WORKING DAYS  
IN ADVANCE**



**CONSTRUCTION NOTES:**

1. MINIMUM COVER FOR STRUCTURE IS 30" BELOW GUTTER FLOW LINE OR 36" BELOW EXISTING GRADE, WHICH EVER IS GREATER.
2. ALL SUBSTRUCTURE INFORMATION SHOWN WAS TAKEN FROM RECORDS AVAILABLE AND IS APPROXIMATE. VERIFY, LOCATE AND PROTECT AS REQUIRED.
3. ALL TRAFFIC CONTROL TO BE IN ACCORDANCE WITH THE 2014 WORK AREA TRAFFIC CONTROL HANDBOOK AND CALIFORNIA M.U.T.C.D.
4. CONSTRUCTION TO UTILIZE AND IMPLEMENT ALL BEST MANAGEMENT PRACTICES (BMP'S) AS REQUIRED TO ENSURE COMPLIANCE WITH THE SBC POLICY LETTER ISSUED FEBRUARY 21, 2003 BY ENVIRONMENTAL MANAGEMENT CONCERNING STORM WATER PERMITTING AND STORM WATER POLLUTION PREVENTION PLANS (SWPPP) AND IN ACCORDANCE WITH THE CLEAN WATER ACT (1965) AND EPA REGULATIONS PUBLISHED 1990 AS MODIFIED BY THE PHASE II RULE, IN 1999.

**46L CONSTRUCTION NOTES:**

1. EXCAVATE & PLACE 3-ELECTRODE GROUND BED & DIRT @ LOC 9.
2. GROUND BEDS SHALL BE INSTALLED WITH A MINIMUM HORIZONTAL/PARALLEL SEPARATION OF 5 FT FROM EXISTING WATER FACILITIES.



NOT TO SCALE



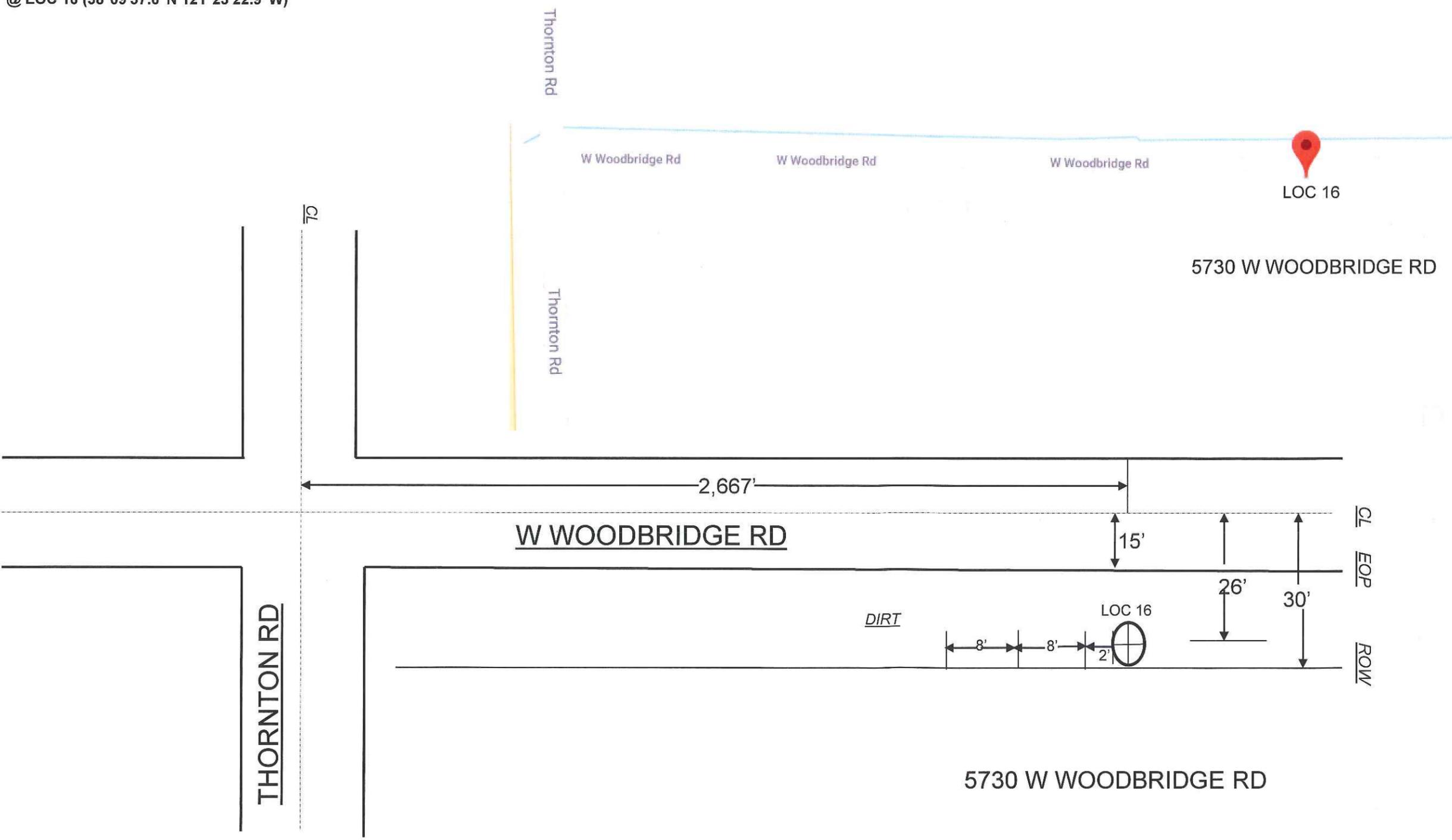
**EXCAVATION DATA**

OWNER	ASPHALT	CONCRETE	DIRT
COUNTY OF SAN JOAQUIN	NA	NA	18'X1' =18 SQ FT

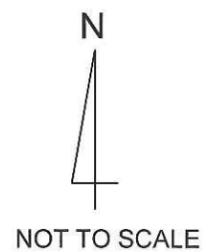
**DIG ALERT**  
**BEFORE EXCAVATING CALL**  
**U.G. SERVICE ALERT**  
**1-800-227-2600**  
**CALL 2 FULL WORKING DAYS**  
**IN ADVANCE**

- CONSTRUCTION NOTES:**
1. MINIMUM COVER FOR STRUCTURE IS 30" BELOW GUTTER FLOW LINE OR 36" BELOW EXISTING GRADE, WHICH EVER IS GREATER.
  2. ALL SUBSTRUCTURE INFORMATION SHOWN WAS TAKEN FROM RECORDS AVAILABLE AND IS APPROXIMATE. VERIFY, LOCATE AND PROTECT AS REQUIRED.
  3. ALL TRAFFIC CONTROL TO BE IN ACCORDANCE WITH THE 2014 WORK AREA TRAFFIC CONTROL HANDBOOK AND CALIFORNIA M.U.T.C.D.
  4. CONSTRUCTION TO UTILIZE AND IMPLEMENT ALL BEST MANAGEMENT PRACTICES (BMP'S) AS REQUIRED TO ENSURE COMPLIANCE WITH THE SBC POLICY LETTER ISSUED FEBRUARY 21, 2003 BY ENVIRONMENTAL MANAGEMENT CONCERNING STORM WATER PERMITTING AND STORM WATER POLLUTION PREVENTION PLANS (SWPPP) AND IN ACCORDANCE WITH THE CLEAN WATER ACT (1965) AND EPA REGULATIONS PUBLISHED 1990 AS MODIFIED BY THE PHASE II RULE, IN 1999.

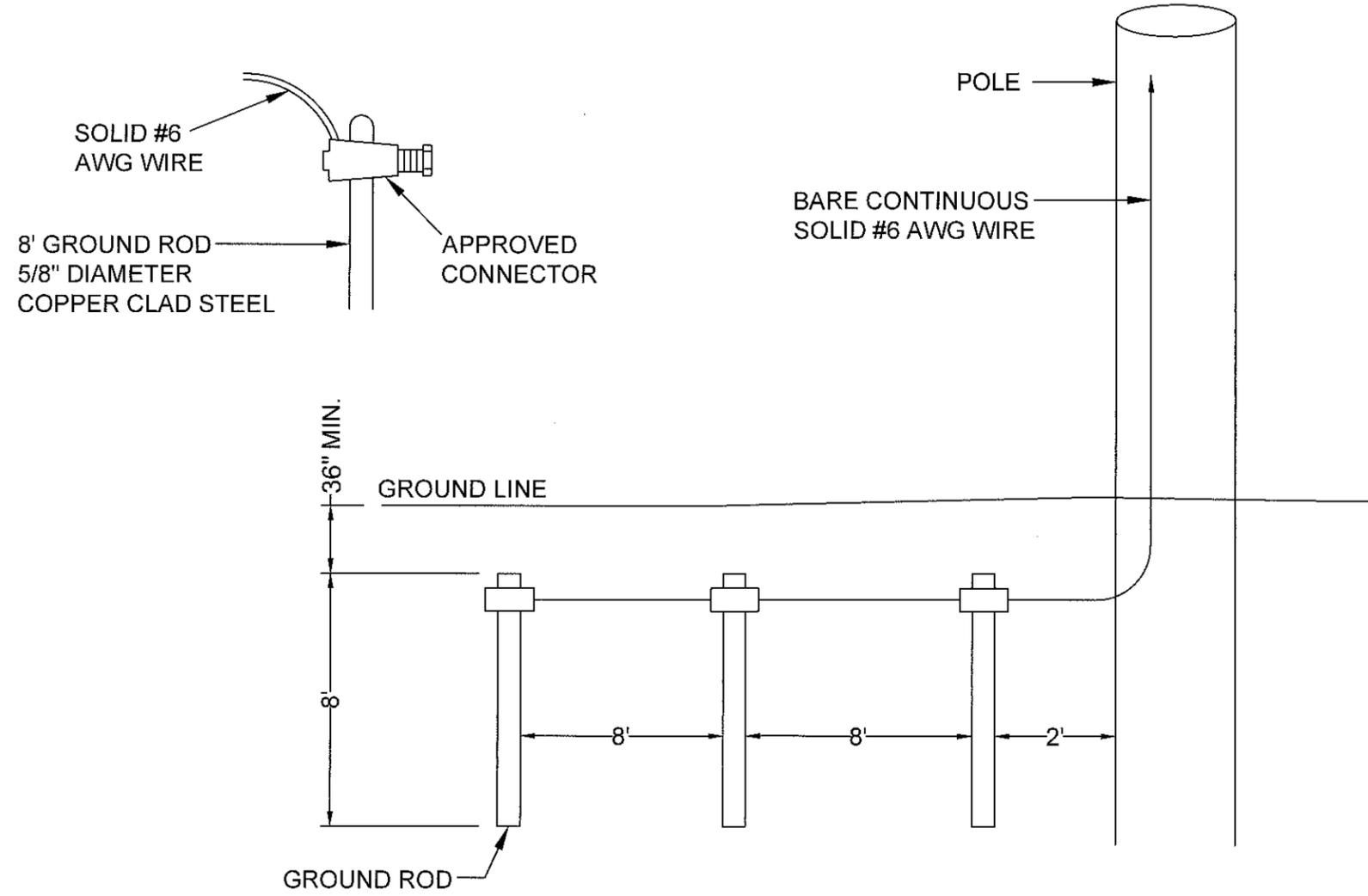
PLACE (1) 3-ELECTRODE GND BED IN DIRT @ LOC 16 (38°09'37.6"N 121°23'22.9"W)



- 46L CONSTRUCTION NOTES:**
1. EXCAVATE & PLACE 3-ELECTRODE GROUND BED & DIRT @ LOC 16.
  2. GROUND BEDS SHALL BE INSTALLED WITH A MINIMUM HORIZONTAL/PARALLEL SEPARATION OF 5 FT FROM EXISTING WATER FACILITIES.

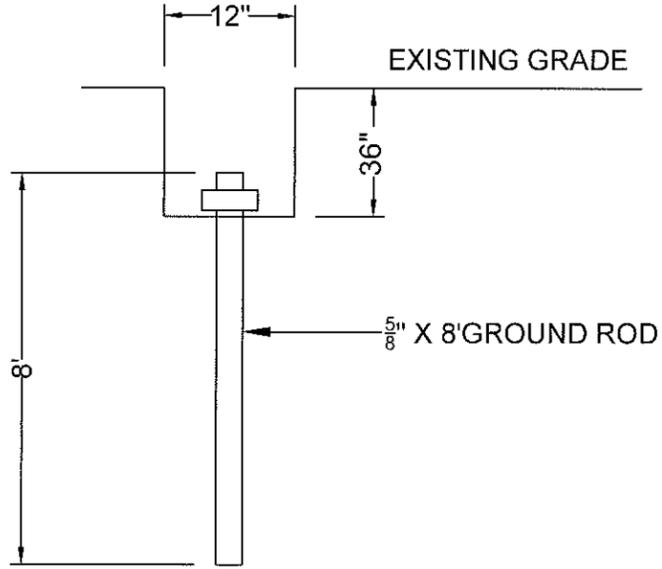


GROUND BED  
PROFILE TYPICAL



NOT TO SCALE

GROUND BED  
CROSS SECTIONAL DIAGRAM



NOT TO SCALE

# SIGN LEGEND

ROAD WORK AHEAD (W20-1), ROAD CLOSED AHEAD (W20-3), DETOUR AHEAD (W20-2), RIGHT LANE CLOSED AHEAD (C20(CA)(R)), LEFT LANE CLOSED AHEAD (C20(CA)(L)), CENTER LANE CLOSED AHEAD (W9-3), BIKE LANE CLOSED AHEAD (C20(CA)(BIKE)), LANE CLOSED (W4-2(R), W4-2(L)), BIKE LANE CLOSED (C30(CA), C30(BIKE)), ONE LANE ROAD AHEAD (W20-4), BE PREPARED TO STOP (W3-4), RAMP CLOSED AHEAD (W20-3), SPEED LIMIT 35 (W3-5), NARROW LANE (C12(CA)), ROAD NARROWS (W5-1), ROAD NARROWS (W12-1), ROAD NARROWS (W6-3), ROAD NARROWS (W1-4(L), W1-4(R)), ROAD NARROWS (W4-1), ROAD NARROWS (W21-1a), ROAD NARROWS (C9A(CA)), ROAD NARROWS (C27(CA)), ROAD NARROWS (W11-1), SHOULDER WORK (W21-5), RIGHT SHOULDER CLOSED AHEAD (W21-5bR), RIGHT SHOULDER CLOSED 1000 FT (W21-5b), SHOULDER CLOSED (C30A), NO LEFT TURN (R3-1), NO RIGHT TURN (R3-2), NO U-TURN (R3-4), NO U-TURN (R3-1B), NO BICYCLES (R5-6), NO BICYCLES (R9-3A), STOP (R1-1), YIELD (R1-2), DO NOT ENTER (R5-1), SLOW (SLOW PADDLE), RIGHT LANE MUST TURN RIGHT (R3-7(R)), LEFT LANE MUST TURN LEFT (R3-7(L)), ROAD CLOSED (R11-2), RAMP CLOSED (R11-2), ROAD CLOSED THRU TRAFFIC (R11-4), BEGIN RIGHT TURN LANE (R4-4), SHARE THE ROAD (W16-1P), MAY USE FULL LANE (R4-11), BUSES ONLY (SPCL), KEEP RIGHT (R4-7a), KEEP LEFT (R4-8a), RIGHT TURN ONLY (R3-6(R), R3-6(L)), LEFT TURN ONLY (R4-7), RIGHT TURN ONLY (R4-8), LEFT TURN ONLY (R3-5R), RIGHT TURN ONLY (R60B(CA)), SIDEWALK CLOSED (R9-9), SIDEWALK CLOSED CROSS HERE (R9-11(L), R9-11(R)), SIDEWALK CLOSED CROSS HERE USE OTHER SIDE (R9-11a(L), R9-11a(R)), END ROAD WORK (R9-10), END ROAD WORK (G20-2), END ROAD WORK (W1-6(R), W1-6(L)), END ROAD WORK (W1-7), END ROAD WORK (SC3(CA)), END ROAD WORK (M4-8a), END ROAD WORK (M4-9(L), M4-9(R), M4-9(S)), END ROAD WORK (M4-10(L), M4-10(R)), ON RED (R13A), ON RED (R13B), DO NOT STOP ON TRACKS (R8-8)

# SYMBOL LEGEND

CHANNELIZING DEVICE/CONE, CHANNELIZING DEVICE W/ SIGN, TYPE I BARRICADE W/ SIGN, EXISTING SIGN, SIGNALIZED INTERSECTION, T.A.N.S.A.T., TYPE III BARRICADE W/SIGN (5'H x 4'W), TYPE II BARRICADE W/SIGN (3'H x 2'W), HIGH LEVEL WARNING DEVICE, FLASHING ARROWBOARD, TOW AWAY NO STOPPING ANYTIME, TYPE III BARRICADE, TYPE II BARRICADE, CERTIFIED FLAGGER, PORTABLE FLASHING BEACON, T.A.N.S., AERIAL CABLE, SPLICE BOX, EXISTING STRIPING - DOUBLE YELLOW, EXISTING STRIPING, CHANGEABLE MESSAGE SIGN (CMS), TRENCHING, HAND HOLE, BORE PIT, POWER POLE, MANHOLE, EXISTING DRIVEWAY, WORK ZONE (ACTIVITY AREA), DIRECTION OF TRAVEL, EXISTING LANE FLOW STRIPING, WORK VEHICLE

# GENERAL TRAFFIC CONTROL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR PROMPTLY RESTORING THE ROAD BACK TO SATISFACTORY CONDITION WHICH INCLUDES, BUT IS NOT LIMITED TO, PAVING, STRIPING, MARKINGS, SIGNAGE, AND LOOP DETECTION. ALL PLANS SHALL BE IN ACCORDANCE WITH 2014 CAMUTCD.
2. THE AGENCY RESERVES THE RIGHT TO OBSERVE THESE TRAFFIC CONTROL PLANS IN OPERATION AND TO MAKE CHANGES AS FIELD CONDITIONS WARRANT.
3. TRENCHES SHALL BE BACKFILLED OR STEEL-PLATED DURING NON-WORK HOURS. STEEL PLATES SHALL HAVE AN ASPHALT RAMP ON ALL EDGES, SECURELY SUPPORTED SO THEY WON'T ROCK AND A SIGN POSTED NEAR THE PLATES IDENTIFYING THE CONTRACTOR'S NAME AND 24 HOUR EMERGENCY TELEPHONE NUMBER. ALL DIRT, DUST, AND DEBRIS SHALL BE REMOVED FROM THE STREET AT THE END OF EACH DAY AND AT THE END OF THE JOB. THE STREET SHALL BE KEPT IN A DRIVABLE CONDITION AT ALL TIMES.
4. ANY WORK THAT CREATES AN UNDUE SAFETY RISK OR THAT CREATES SEVERE CONGESTION WILL BE SHUT DOWN BY THE AGENCY.
5. A COPY OF ALL TRAFFIC REQUIREMENTS AND TRAFFIC CONTROL PLANS ISSUED BY THE AGENCY MUST BE KEPT ON THE JOB SITE.
6. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE AN OFFICIAL PERMIT. CONTACT THE AGENCY FOR INFORMATION ON OBTAINING A PERMIT.
7. ALL TRAVEL LANES WILL TYPICALLY BE A MINIMUM OF 12 FEET WIDE, 14 FEET IF ADJACENT TO BIKE LANES, UNLESS OTHERWISE SPECIFICALLY APPROVED BY THE AGENCY.
8. FLASHING ARROW BOARDS AS REQUIRED BY THE AGENCY.
9. WARNING (W) SERIES SIGNS USED IN WORK ZONES SHALL BE BLACK ON AN ORANGE BACKGROUND.
10. CONES AND PYLONS SHALL HAVE YELLOW REFLECTORIZED SLEEVES WHEN PLACED ALONG THE CENTERLINE AND WHITE REFLECTORIZED SLEEVES ALONG THE OUTSIDE SHOULDER.
11. IF PARKING IS ALLOWED IN THE ADVANCE WORKING AREA, ADVANCE WARNING SIGNS SHALL BE MOUNTED ON HIGH LEVEL DEVICES.
12. THE CONTRACTOR SHALL POST TOW-AWAY/NO PARKING SIGNS SEVENTY-TWO (72) HOURS IN ADVANCE, WITH DAY OF WEEK, DATE, AND WORK HOURS NOTED, AND SHALL BAG PARKING METERS (WHERE APPLICABLE).
13. OPEN CUT WORK SHALL BE DONE IN \_\_ PHASES.
14. WORKERS SHALL WEAR HARD HATS AND ORANGE VESTS AT ALL TIMES.
15. COUNTY TRANSIT DISTRICT SHALL BE NOTIFIED (5) WORKING DAYS PRIOR TO ANY WORK THAT AFFECTS BUS STOPS.
16. CONSTRUCTION SIGNS SHALL NOT OBSTRUCT SIGHT VISIBILITY AT DRIVEWAYS.
17. CONTRACTOR SHALL NOTIFY ALL LOCAL BUSINESS OWNERS/OCCUPANTS 72 HOURS IN ADVANCE PRIOR TO ANY CONSTRUCTION ADJACENT TO BUSINESSES.

JOB LOCATION: 6278 W WOODBRIDGE RD.

WORK HOURS: FROM: TO:

BEGIN CROSS STREET: WEST SIDE FWY.

END CROSS STREET: N RAY RD.

PERMIT NUMBER: THOMAS GUIDE:

SCOPE OF WORK: DIG PIT ACCESS, TRENCHING & BV PL.

START DATE: END DATE:

POSTED SPEED LIMIT	APPROACH SPEED	TAPER LENGTH	CONE SPACING	SIGN SPACING
N/A	50 MPH	200 FT	50 FT	500 FT

TRAFFIC CONTROL PLAN DISCLOSURE:

NOTHING CONTAINED ON THIS DRAWING SHALL PREVENT LOCAL JURISDICTIONS FROM MODIFYING, CHANGING, OR ADOPTING NEW SPECIFICATIONS DEEMED NECESSARY.

CRITERIA FOR POSITION, LOCATION, AND USE OF TRAFFIC CONTROL DEVICES IS SOLELY FOR THE PURPOSE OF GUIDANCE TO ASSIST IN THE SET UP OF THE TRAFFIC CONTROL PLANS.

APPROVAL OF THIS PLAN DOES NOT CONSTITUTE AN OFFICIAL PERMIT. CONTACT THE AGENCY FOR INFORMATION ON OBTAINING A PERMIT.

-TABLE 6C-1 2014 CALIFORNIA MUTCD- RECOMMENDED ADVANCE WARNING SIGN SPACING-

ROAD TYPE	DISTANCE BETWEEN SIGNS**		
	A	B	C
URBAN - 25 MPH OR LESS***	100 FEET	100 FEET	100 FEET
URBAN - MORE THAN 25 MPH TO 40 MPH***	250 FEET	250 FEET	250 FEET
URBAN - MORE THAN 40 MPH***	350 FEET	350 FEET	350 FEET
RURAL	500 FEET	500 FEET	500 FEET
EXPRESSWAY/FREEWAY	1,000 FEET	1,500 FEET	2,640 FEET

\*\* THE COLUMN HEADING A, B, AND C ARE THE DIMENSIONS SHOWN IN FIGURES 6H-1 THROUGH 6H-46. THE A DIMENSION IS THE DISTANCE FROM THE TRANSITION OR POINT OF ORIGIN TO FIRST SIGN. THE B DIMENSION IS THE DISTANCE BETWEEN THE FIRST AND SECOND SIGNS. THE C DIMENSION IS THE DISTANCE BETWEEN THE SECOND AND THIRD SIGN. (THE THIRD SIGN IS THE FIRST ONE IN THE THREE-SIGN SERIES ENCOUNTERED BY A DRIVER APPROACHING A TTC ZONE.)

\*\*\* POSTED SPEED LIMIT, OFF-PEAK 85TH-PERCENTILE SPEED PRIOR TO WORK STARTING, OR OTHER ANTICIPATED OPERATING SPEED IN MPH

-TABLE 6C-2 2014 CALIFORNIA MUTCD- STOPPING SIGHT DISTANCE AS A FUNCTION OF SPEED ON LEVEL ROADS- (USED AS SUGGESTED LONGITUDINAL BUFFER SPACE LENGTH OR LOCATION FOR FLAGGER STATION)

SPEED* (MPH)	DISTANCE (FT)
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730
75	820

\* POSTED SPEED, OFF-PEAK 85TH-PERCENTILE SPEED PRIOR TO WORK STARTING OR THE ANTICIPATED OPERATING SPEED IN MPH

-TABLE 6C-3 2014 CALIFORNIA MUTCD- TAPER LENGTH CRITERIA FOR TEMPORARY TRAFFIC CONTROL ZONE-

TYPE OF TAPER	TAPER LENGTH (L)*
MERGING TAPER	AT LEAST L
SHIFTING TAPER	AT LEAST 0.5 L
SHOULDER TAPER	AT LEAST 0.33 L
ONE LANE, TWO-WAY TRAFFIC TAPER	SOFT MINIMUM, 100FT MAXIMUM
DOWNSTREAM TAPER	SOFT MINIMUM, 100FT MAXIMUM

-TABLE 6C-4 2014 CALIFORNIA MUTCD- FORMULAS FOR DETERMINING TAPER LENGTH-

SPEED LIMIT (S)	TAPER LENGTH (L) FEET
45 MPH OR LESS	L = WS / 60
45 MPH OR MORE	L = WS

WHERE: L = TAPER LENGTH IN METERS (FEET)  
W = WIDTH OF OFFSET IN METERS (FEET)  
S = POSTED SPEED LIMIT, OR OFF-PEAK 85TH-PERCENTILE SPEED PRIOR TO WORK STARTING, OR THE ANTICIPATED OPERATING SPEED IN KM/H (MPH)

# COUNTY OF: SAN JOAQUIN

# TRAFFIC CONTROL PLAN

JOB NUMBER A01E2WW  
SCALE: N/A  
PAGE: COVER SHEET

PERMIT WORK EXTENSIONS MUST BE OBTAINED BY THE END OF PERMIT DATE

PLANS ACCEPTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

R.C.E. \_\_\_\_\_

EXP. DATE: \_\_\_\_\_

**CHC Consulting**  
1845 W. Orangewood Ave., Suite 300, Orange, CA 92868  
(949) 250-0004 / FAX (949) 250-0006

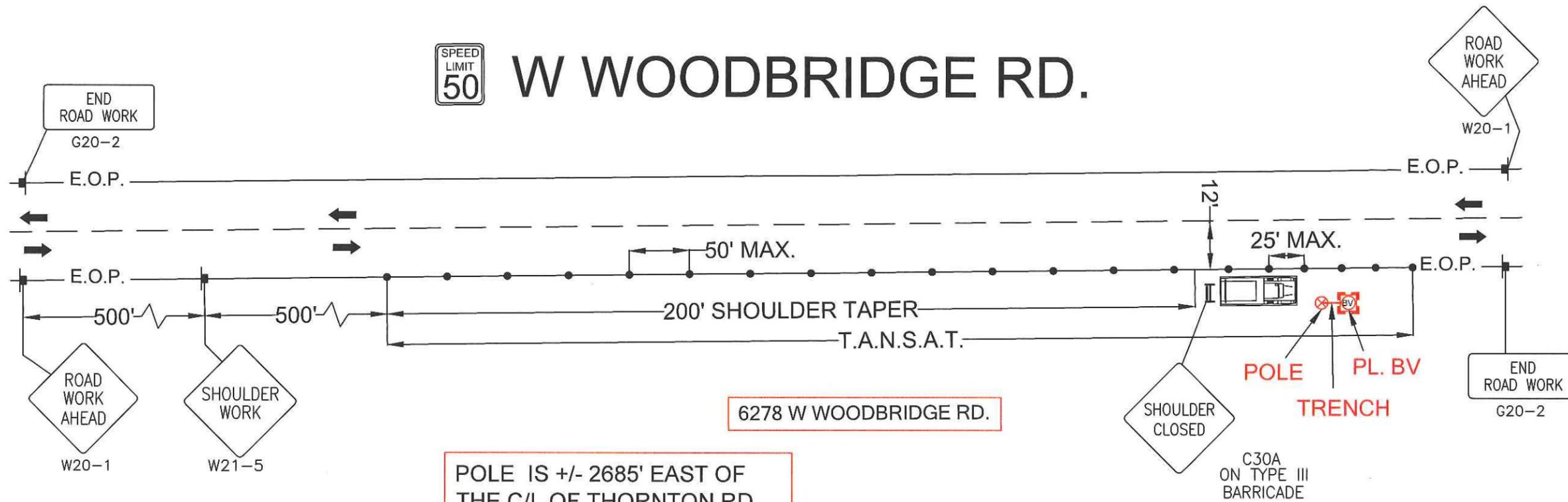
PLANS PREPARED BY:  
NAME: HIMANSHU TOMAR  
PHONE: (949) 250-0004  
DATE: 09-11-18 REVISION DATE: N/A



**W WOODBRIDGE RD. & THORNTON RD.**  
**-TRENCHING & BV PL.**  
**WORK AREA 1 OF 2**  
**(UNDERGROUND)**



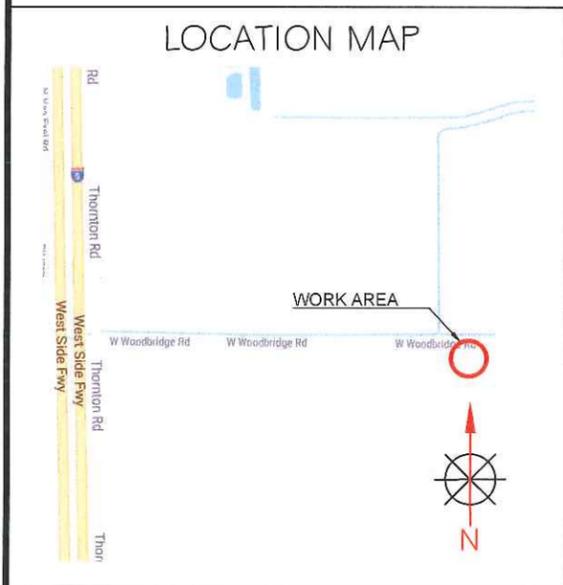
ISSUE	DATE
1	09-11-18



POLE IS +/- 2685' EAST OF THE C/L OF THORNTON RD.

CONTACT PROPERTY OWNER(S) 72 HOURS PRIOR TO START OF WORK.

NO SPEED LIMIT FOUND ON W WOODBRIDGE RD. TCP IS ASSUMING SPEED LIMIT OF 50MPH



**LEGEND**

- = PORTABLE FLASHING BEACON (P.F.B.)
- = TYPE III BARRICADE W/SIGN (5'H x 4'W)
- = TYPE II BARRICADE W/SIGN (3'H x 2'W)
- = 28" (11cm) TRAFFIC CONES W/ 13" (5cm) REFLECTIVE SLEEVE FOR DAY/NIGHT USE OR DELINEATORS IF DAY USE ONLY
- = TRAFFIC CONE WITH CLIP ON SIGN
- = TYPE I W/ SIGN
- = EXISTING SIGN
- = SIGNALIZED INTERSECTION
- = FLASHING ARROWBOARD
- = HIGH LEVEL WARNING DEVICE (FLAGTREE)
- = FLAGGER
- = TANSAT = TOW AWAY NO STOPPING ANY TIME
- = EXISTING DRIVEWAY
- = WORK ZONE (ACTIVITY AREA) LIMITS
- = DIRECTION OF TRAFFIC



TYPE OF CONSTRUCTION:	
<b>TRENCHING &amp; BV PL.</b>	
JOB NUMBER: <b>A01E2WW</b>	
PAGE: TC-1	OF TC-2
SCALE: 1:30	

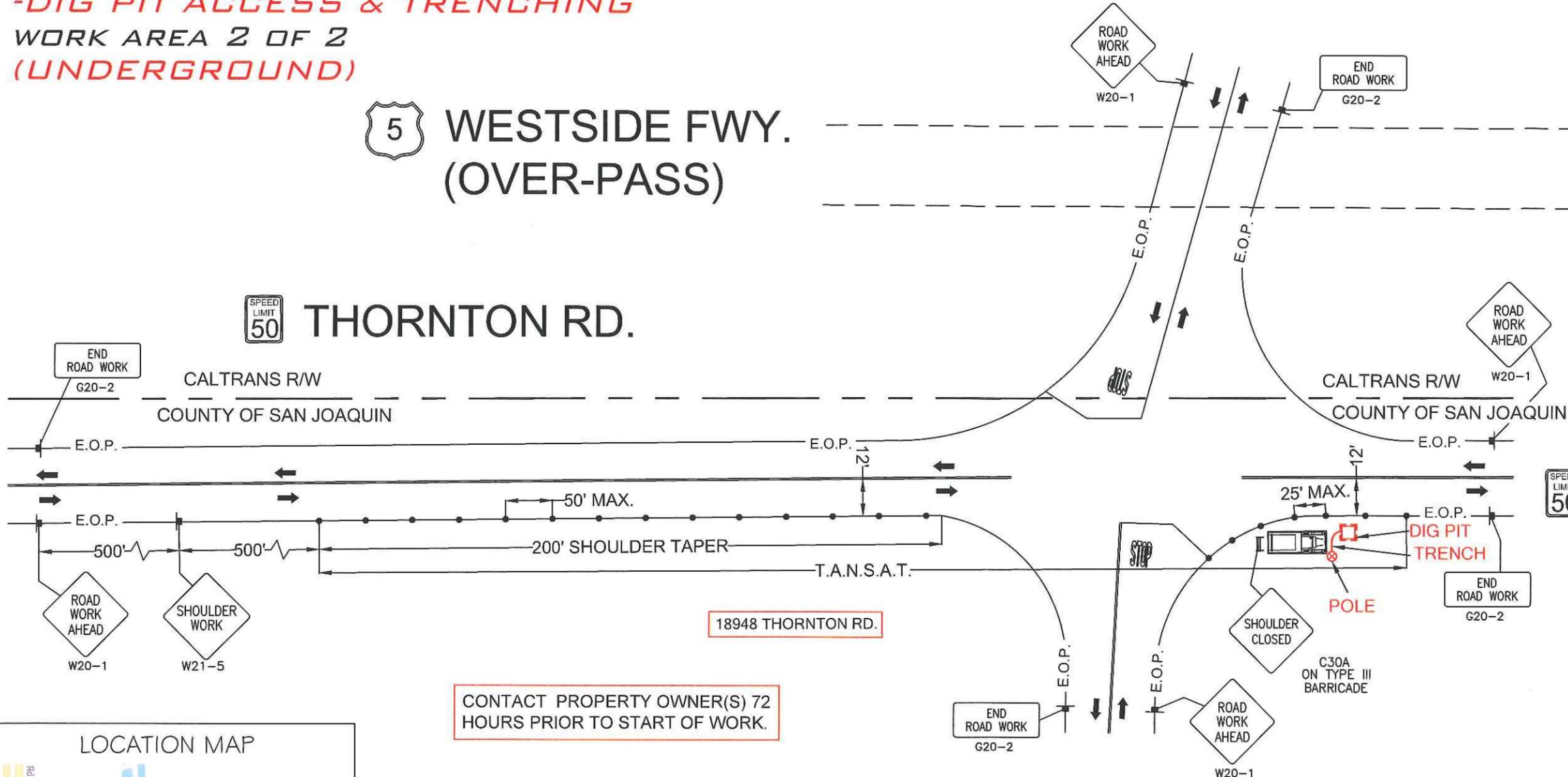
**THORNTON RD. & W WOODBRIDGE RD.**  
**-DIG PIT ACCESS & TRENCHING**  
**WORK AREA 2 OF 2**  
**(UNDERGROUND)**

**5 WESTSIDE FWY.**  
**(OVER-PASS)**

**5 WESTSIDE FWY.**  
**(OVER-PASS)**

**SPEED LIMIT 50**  
**THORNTON RD.**

**SPEED LIMIT 50**  
**THORNTON RD.**

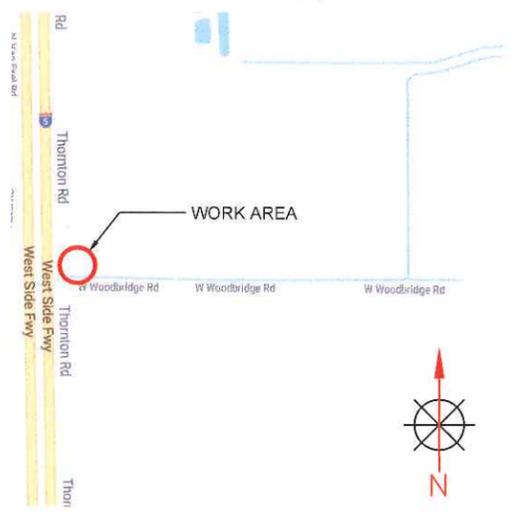


CONTACT PROPERTY OWNER(S) 72 HOURS PRIOR TO START OF WORK.

NO SPEED LIMIT FOUND ON W WOODBRIDGE RD. TCP IS ASSUMING SPEED LIMIT OF 50MPH

18948 THORNTON RD.

**LOCATION MAP**



**LEGEND**

- \* = PORTABLE FLASHING BEACON (P.F.B.)
- ⊠ = TYPE III BARRICADE W/SIGN (5'H x 4'W)
- ⊠ = TYPE II BARRICADE W/SIGN (3'H x 2'W)
- = 28" (11cm) TRAFFIC CONES W/ 13" (5cm) REFLECTIVE SLEEVE FOR DAY/NIGHT USE OR DELINEATORS IF DAY USE ONLY
- ⊠ = TRAFFIC CONE WITH CLIP ON SIGN
- ⊠ = TYPE I W/ SIGN
- ⊠ = EXISTING SIGN
- ⊠ = SIGNALIZED INTERSECTION
- ⊠ = FLASHING ARROWBOARD
- ⊠ = HIGH LEVEL WARNING DEVICE (FLAGTREE)
- ⊠ = FLAGGER
- TANSAT = TOW AWAY NO STOPPING ANY TIME
- ⊠ = EXISTING DRIVEWAY
- ▨ = WORK ZONE (ACTIVITY AREA) LIMITS
- = DIRECTION OF TRAFFIC

**MAINTAIN DRIVEWAY ACCESS AT ALL TIMES**

# SIGN LEGEND

ROAD WORK AHEAD W20-1, ROAD CLOSED AHEAD W20-3, DETOUR AHEAD W20-2, RIGHT LANE CLOSED AHEAD C20(CA)(R), LEFT LANE CLOSED AHEAD C20(CA)(L), CENTER LANE CLOSED AHEAD W9-3, BIKE LANE CLOSED AHEAD C20(CA)(BIKE), LANE CLOSED W4-2(R), W4-2(L), C30 (CA), BIKE LANE CLOSED C30(BIKE), ONE LANE ROAD AHEAD W20-4, BE PREPARED TO STOP W3-4, RAMP CLOSED AHEAD W20-3, SPEED LIMIT 35 W3-5, NARROW LANE C12(CA), ROAD NARROWS W5-1, W12-1, W6-3, W1-4(L), W1-4(R), W4-1, W21-1a, C9A (CA), OPEN TRENCH C27(CA), W11-1, SHOULDER WORK W21-5, RIGHT SHOULDER CLOSED AHEAD W21-5bR, RIGHT SHOULDER CLOSED 1000 FT W21-5b, SHOULDER CLOSED C30A, R3-1, R3-2, R3-4, R3-18, R5-6, R9-3A, R1-1, R1-2, R5-1, SLOW PADDLE, R3-7(R), R3-7(L), R11-2, R11-2, R11-4, R4-4, W16-1P, R4-11, SPCL, R4-7a, R4-8a, R3-6(R), R3-6(L), R4-7, R4-8, R3-5R, R60B(CA), R9-9, R9-11(L), R9-11(R), R9-11a(L), R9-11a(R), R9-10, G20-2, W1-6(R), W1-6(L), W1-7, SC3 (CA), M4-8a, M4-9(L), M4-9(R), M4-9(S), M4-10(L), M4-10(R), R13A, R13B, DO NOT STOP ON TRACKS R8-8

# SYMBOL LEGEND

CHANNELIZING DEVICE/CONE, CHANNELIZING DEVICE W/ SIGN, TYPE I BARRICADE W/ SIGN, EXISTING SIGN, SIGNALIZED INTERSECTION, TYPE III BARRICADE W/SIGN(5'H x 4'W), TYPE II BARRICADE W/SIGN(3'H x 2'W), HIGH LEVEL WARNING DEVICE, FLASHING ARROWBOARD, T.A.N.S.A.T., TOW AWAY NO STOPPING ANYTIME, TYPE III BARRICADE, TYPE II BARRICADE, CERTIFIED FLAGGER, PORTABLE FLASHING BEACON, T.A.N.S., TOW AWAY NO STOPPING, AERIAL CABLE, SPLICE BOX, EXISTING STRIPING-DOUBLE YELLOW, EXISTING STRIPING, CHANGEABLE MESSAGE SIGN (CMS), TRENCHING, HAND HOLE, BORE PIT, POWER POLE, MANHOLE, EXISTING DRIVEWAY, WORK ZONE (ACTIVITY AREA), DIRECTION OF TRAVEL, EXISTING LANE FLOW STRIPING, WORK VEHICLE

# GENERAL TRAFFIC CONTROL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR PROMPTLY RESTORING THE ROAD BACK TO SATISFACTORY CONDITION WHICH INCLUDES, BUT IS NOT LIMITED TO, PAVING, STRIPING, MARKINGS, SIGNAGE, AND LOOP DETECTION. ALL PLANS SHALL BE IN ACCORDANCE WITH 2014 CAMUTCD.
2. THE AGENCY RESERVES THE RIGHT TO OBSERVE THESE TRAFFIC CONTROL PLANS IN OPERATION AND TO MAKE CHANGES AS FIELD CONDITIONS WARRANT.
3. TRENCHES SHALL BE BACKFILLED OR STEEL-PLATED DURING NON-WORK HOURS. STEEL PLATES SHALL HAVE AN ASPHALT RAMP ON ALL EDGES, SECURELY SUPPORTED SO THEY WON'T ROCK AND A SIGN POSTED NEAR THE PLATES IDENTIFYING THE CONTRACTOR'S NAME AND 24 HOUR EMERGENCY TELEPHONE NUMBER. ALL DIRT, DUST, AND DEBRIS SHALL BE REMOVED FROM THE STREET AT THE END OF EACH DAY AND AT THE END OF THE JOB. THE STREET SHALL BE KEPT IN A DRIVABLE CONDITION AT ALL TIMES.
4. ANY WORK THAT CREATES AN UNDUE SAFETY RISK OR THAT CREATES SEVERE CONGESTION WILL BE SHUT DOWN BY THE AGENCY.
5. A COPY OF ALL TRAFFIC REQUIREMENTS AND TRAFFIC CONTROL PLANS ISSUED BY THE AGENCY MUST BE KEPT ON THE JOB SITE.
6. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE AN OFFICIAL PERMIT. CONTACT THE AGENCY FOR INFORMATION ON OBTAINING A PERMIT.
7. ALL TRAVEL LANES WILL TYPICALLY BE A MINIMUM OF 12 FEET WIDE, 14 FEET IF ADJACENT TO BIKE LANES, UNLESS OTHERWISE SPECIFICALLY APPROVED BY THE AGENCY.
8. FLASHING ARROW BOARDS AS REQUIRED BY THE AGENCY.
9. WARNING (W) SERIES SIGNS USED IN WORK ZONES SHALL BE BLACK ON AN ORANGE BACKGROUND.
10. CONES AND PYLONS SHALL HAVE YELLOW REFLECTORIZED SLEEVES WHEN PLACED ALONG THE CENTERLINE AND WHITE REFLECTORIZED SLEEVES ALONG THE OUTSIDE SHOULDER.
11. IF PARKING IS ALLOWED IN THE ADVANCE WORKING AREA, ADVANCE WARNING SIGNS SHALL BE MOUNTED ON HIGH LEVEL DEVICES.
12. THE CONTRACTOR SHALL POST TOW-AWAY/NO PARKING SIGNS SEVENTY-TWO (72) HOURS IN ADVANCE, WITH DAY OF WEEK, DATE, AND WORK HOURS NOTED, AND SHALL BAG PARKING METERS (WHERE APPLICABLE).
13. OPEN CUT WORK SHALL BE DONE IN \_\_ PHASES.
14. WORKERS SHALL WEAR HARD HATS AND ORANGE VESTS AT ALL TIMES.
15. COUNTY TRANSIT DISTRICT SHALL BE NOTIFIED (5) WORKING DAYS PRIOR TO ANY WORK THAT AFFECTS BUS STOPS.
16. CONSTRUCTION SIGNS SHALL NOT OBSTRUCT SIGHT VISIBILITY AT DRIVEWAYS.
17. CONTRACTOR SHALL NOTIFY ALL LOCAL BUSINESS OWNERS/OCCUPANTS 72 HOURS IN ADVANCE PRIOR TO ANY CONSTRUCTION ADJACENT TO BUSINESSES.

JOB LOCATION: 6500 W WOODBRIDGE RD.

WORK HOURS: FROM: TO:

BEGIN CROSS STREET: THORNTON RD. END CROSS STREET: N RAY RD.

PERMIT NUMBER: THOMAS GUIDE:

SCOPE OF WORK: MANHOLE #92 ACCESS, POLE ACCESS, AERIAL PLACEMENT

START DATE: END DATE:

PERMIT WORK EXTENSIONS MUST BE OBTAINED BY THE END OF PERMIT DATE

POSTED SPEED LIMIT	APPROACH SPEED	TAPER LENGTH	CONE SPACING	SIGN SPACING
VARIES	VARIES	VARIES	VARIES	VARIES

TRAFFIC CONTROL PLAN DISCLOSURE:

NOTHING CONTAINED ON THIS DRAWING SHALL PREVENT LOCAL JURISDICTIONS FROM MODIFYING, CHANGING, OR ADOPTING NEW SPECIFICATIONS DEEMED NECESSARY.

CRITERIA FOR POSITION, LOCATION, AND USE OF TRAFFIC CONTROL DEVICES IS SOLELY FOR THE PURPOSE OF GUIDANCE TO ASSIST IN THE SET UP OF THE TRAFFIC CONTROL PLANS.

APPROVAL OF THIS PLAN DOES NOT CONSTITUTE AN OFFICIAL PERMIT. CONTACT THE AGENCY FOR INFORMATION ON OBTAINING A PERMIT.

-TABLE 6C-1 2014 CALIFORNIA MUTCD-RECOMMENDED ADVANCE WARNING SIGN SPACING-

ROAD TYPE	DISTANCE BETWEEN SIGNS**		
	A	B	C
URBAN - 25 MPH OR LESS***	100 FEET	100 FEET	100 FEET
URBAN - MORE THAN 25 MPH TO 40 MPH***	250 FEET	250 FEET	250 FEET
URBAN - MORE THAN 40 MPH***	350 FEET	350 FEET	350 FEET
RURAL	500 FEET	500 FEET	500 FEET
EXPRESSWAY/FREEWAY	1,000 FEET	1,500 FEET	2,640 FEET

\*\* THE COLUMN HEADING A, B, AND C ARE THE DIMENSIONS SHOWN IN FIGURES 6H-1 THROUGH 6H-46. THE A DIMENSION IS THE DISTANCE FROM THE TRANSITION OR POINT OF OBSTRUCTION TO FIRST SIGN. THE B DIMENSION IS THE DISTANCE BETWEEN THE FIRST AND SECOND SIGNS. THE C DIMENSION IS THE DISTANCE BETWEEN THE SECOND AND THIRD SIGN. (THE THIRD SIGN IS THE FIRST ONE IN THE THREE-SIGN SERIES ENCOUNTERED BY A DRIVER APPROACHING A TTC ZONE.)

\*\*\* POSTED SPEED LIMIT, OFF-PEAK 85TH-PERCENTILE SPEED PRIOR TO WORK STARTING, OR OTHER ANTICIPATED OPERATING SPEED IN MPH

-TABLE 6C-2 2014 CALIFORNIA MUTCD-STOPPING SIGHT DISTANCE AS A FUNCTION OF SPEED ON LEVEL ROADS-(USED AS SUGGESTED LONGITUDINAL BUFFER SPACE LENGTH OR LOCATION FOR FLAGGER STATION)

SPEED* (MPH)	DISTANCE (FT)
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730
75	820

\* POSTED SPEED, OFF-PEAK 85TH-PERCENTILE SPEED PRIOR TO WORK STARTING OR THE ANTICIPATED OPERATING SPEED IN MPH

-TABLE 6C-3 2014 CALIFORNIA MUTCD-TAPER LENGTH CRITERIA FOR TEMPORARY TRAFFIC CONTROL ZONE-

TYPE OF TAPER	TAPER LENGTH (L)*
MERGING TAPER	AT LEAST L
SHIFTING TAPER	AT LEAST 0.5 L
SHOULDER TAPER	AT LEAST 0.33 L
ONE LANE, TWO-WAY TRAFFIC TAPER	SOFT MINIMUM, 100FT MAXIMUM
DOWNSTREAM TAPER	SOFT MINIMUM, 100FT MAXIMUM

-TABLE 6C-4 2014 CALIFORNIA MUTCD-FORMULAS FOR DETERMINING TAPER LENGTH-

SPEED LIMIT (S)	TAPER LENGTH (L) FEET
40 MPH OR LESS	$L = \frac{WS}{S}$
45 MPH OR MORE	$L=WS$

WHERE: L= TAPER LENGTH IN METERS (FEET)  
W= WIDTH OF OFFSET IN METERS (FEET)  
S= POSTED SPEED LIMIT, OR OFF-PEAK 85TH-PERCENTILE SPEED PRIOR TO WORK STARTING, OR THE ANTICIPATED OPERATING SPEED IN KM/H (MPH)

# COUNTY OF: SAN JOAQUIN

# TRAFFIC CONTROL PLAN

JOB NUMBER A01E2WW  
SCALE: N/A  
PAGE: COVER SHEET

PLANS ACCEPTED BY: \_\_\_\_\_ DATE \_\_\_\_\_

R.C.E. \_\_\_\_\_ EXP. DATE \_\_\_\_\_

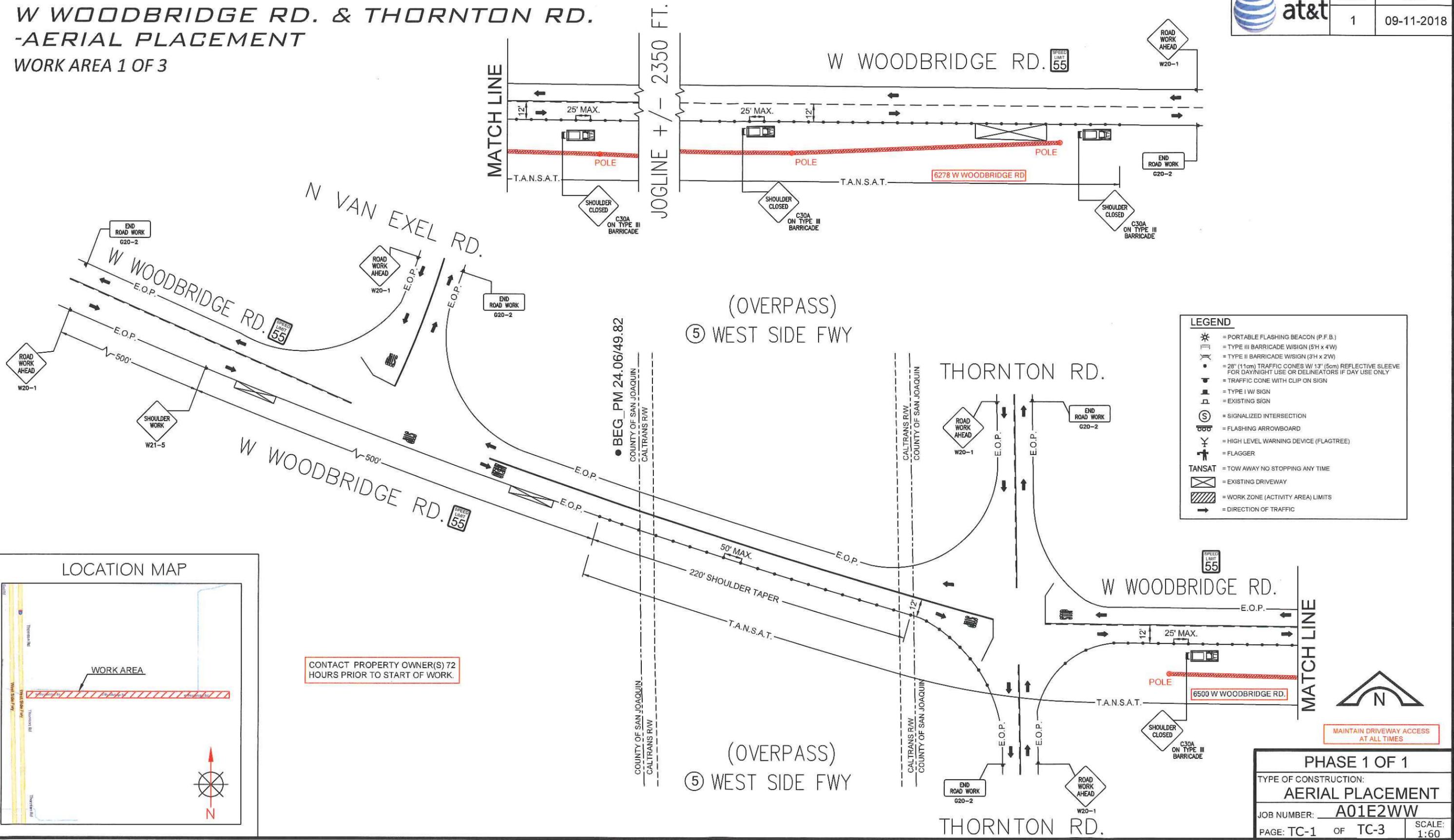
**CHC Consulting**  
1845 W. Orangewood Ave., Suite 300, Orange, CA 92868  
(949) 250-0004 / FAX (949) 250-0006

PLANS PREPARED BY:  
NAME: MOHIT BHAGAT  
PHONE: (949) 250-0004  
DATE: 09-11-2018 REVISION DATE: N/A



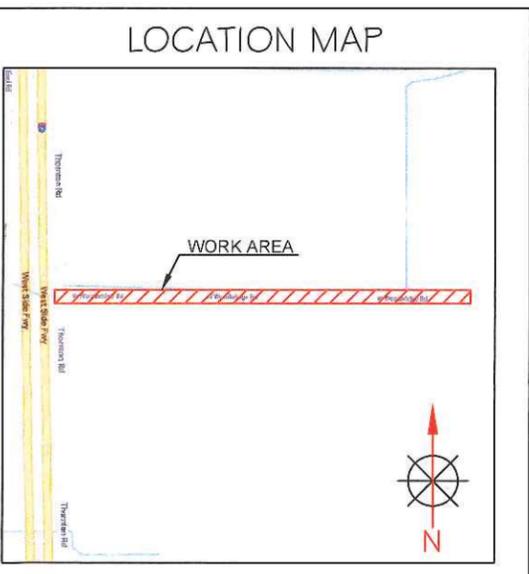
**W WOODBRIDGE RD. & THORNTON RD.**  
**-AERIAL PLACEMENT**  
**WORK AREA 1 OF 3**

at&t	ISSUE	DATE
	1	09-11-2018



**LEGEND**

- = PORTABLE FLASHING BEACON (P.F.B.)
- = TYPE III BARRICADE W/SIGN (5'H x 4'W)
- = TYPE II BARRICADE W/SIGN (3'H x 2'W)
- = 26" (11cm) TRAFFIC CONES W/ 13" (5cm) REFLECTIVE SLEEVE FOR DAY/NIGHT USE OR DELINEATORS IF DAY USE ONLY
- = TRAFFIC CONE WITH CLIP ON SIGN
- = TYPE I W SIGN
- = EXISTING SIGN
- = SIGNALIZED INTERSECTION
- = FLASHING ARROWBOARD
- = HIGH LEVEL WARNING DEVICE (FLAGTREE)
- = FLAGGER
- TANSAT** = TOW AWAY NO STOPPING ANY TIME
- = EXISTING DRIVEWAY
- = WORK ZONE (ACTIVITY AREA) LIMITS
- = DIRECTION OF TRAFFIC



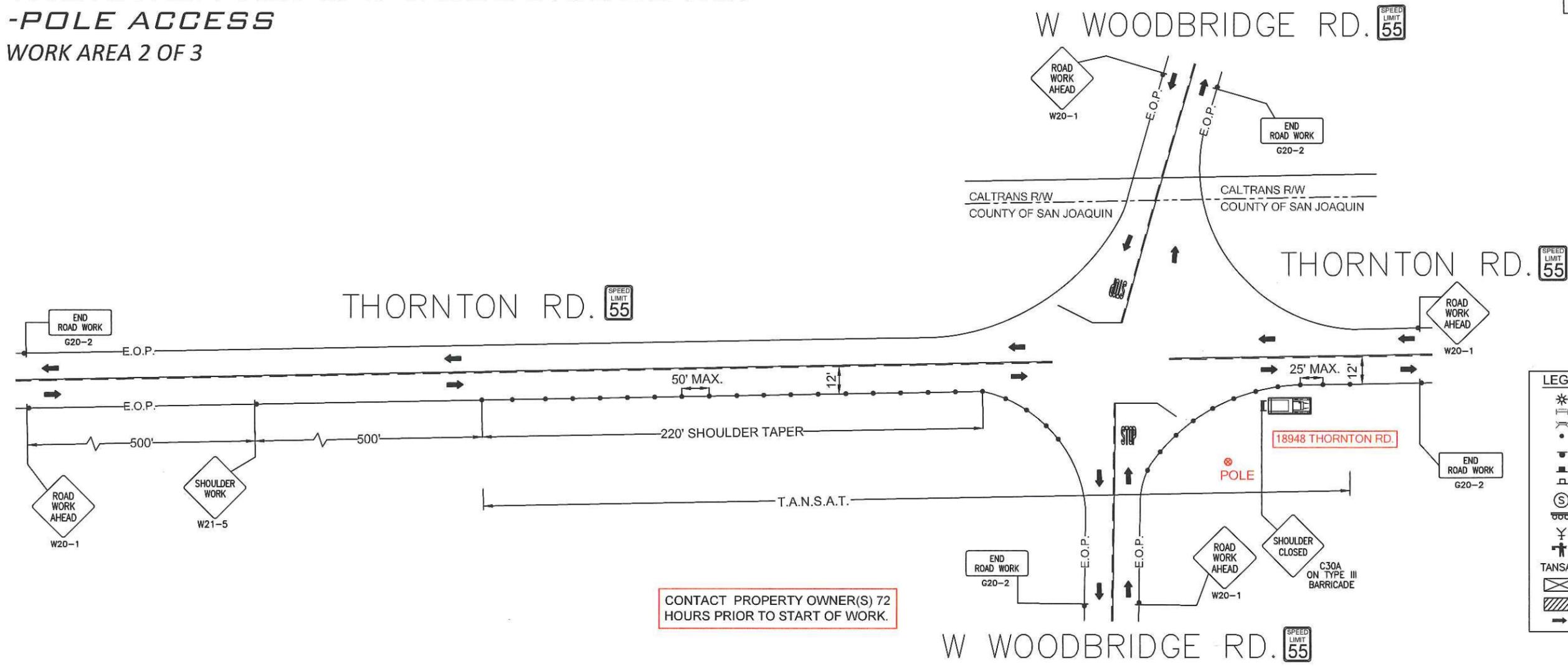
CONTACT PROPERTY OWNER(S) 72 HOURS PRIOR TO START OF WORK.

<b>PHASE 1 OF 1</b>	
TYPE OF CONSTRUCTION: <b>AERIAL PLACEMENT</b>	
JOB NUMBER: <b>A01E2WW</b>	
PAGE: TC-1	OF TC-3
SCALE: 1:60	

MAINTAIN DRIVEWAY ACCESS AT ALL TIMES

**THORNTON RD. & W WOODBRIDGE RD.  
-POLE ACCESS  
WORK AREA 2 OF 3**

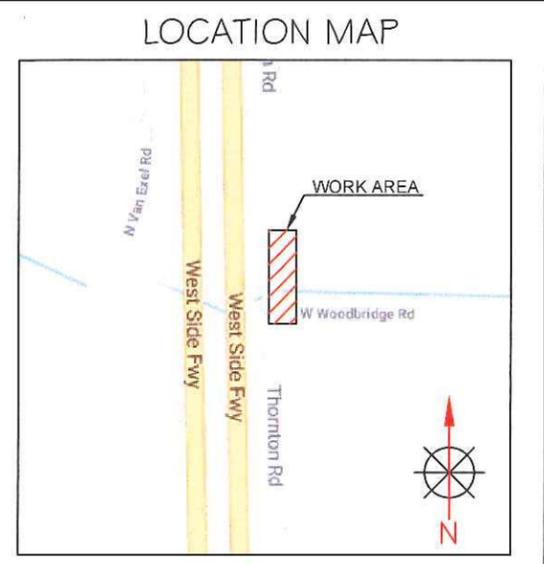
at&t	ISSUE	DATE
	1	09-11-2018



CONTACT PROPERTY OWNER(S) 72 HOURS PRIOR TO START OF WORK.

**LEGEND**

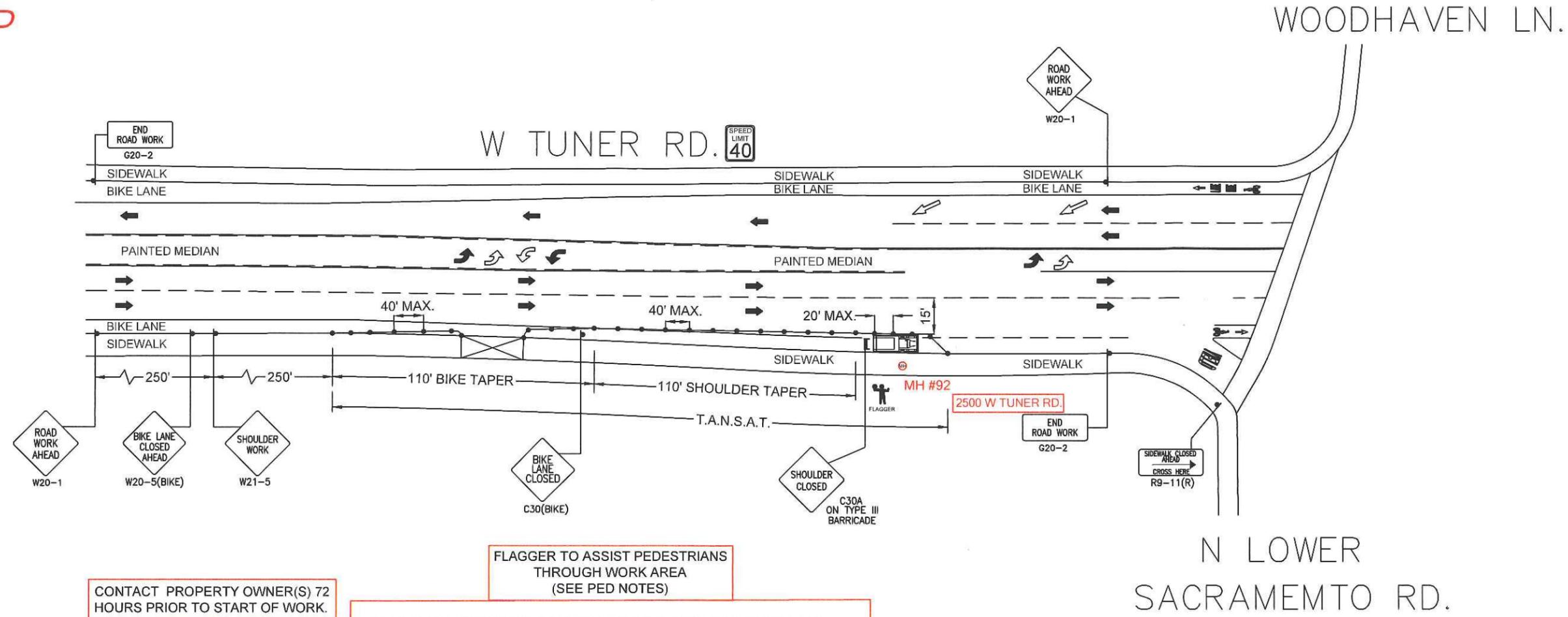
- = PORTABLE FLASHING BEACON (P.F.B.)
- = TYPE III BARRICADE W/SIGN (5'H x 4'W)
- = TYPE II BARRICADE W/SIGN (3'H x 2'W)
- = 28" (11cm) TRAFFIC CONES W/ 19" (5cm) REFLECTIVE SLEEVE FOR DAY/NIGHT USE OR DELINEATORS IF DAY USE ONLY
- = TRAFFIC CONE WITH CLIP ON SIGN
- = TYPE I W SIGN
- = EXISTING SIGN
- = SIGNALIZED INTERSECTION
- = FLASHING ARROWBOARD
- = HIGH LEVEL WARNING DEVICE (FLAGTREE)
- = FLAGGER
- = TOW AWAY NO STOPPING ANY TIME
- = EXISTING DRIVEWAY
- = WORK ZONE (ACTIVITY AREA) LIMITS
- = DIRECTION OF TRAFFIC



**Maintain Driveway Access  
at All Times**

<b>PHASE 1 OF 1</b>	
TYPE OF CONSTRUCTION: <b>AERIAL PLACEMENT</b>	
JOB NUMBER: <b>A01E2WW</b>	
PAGE: TC-2 OF TC-3	SCALE: 1:50

**W TUNER RD. & WOODHAVEN LN.**  
**-MANHOLE #92 ACCESS**  
**WORK AREA 3 OF 3**  
**UNDERGROUND**



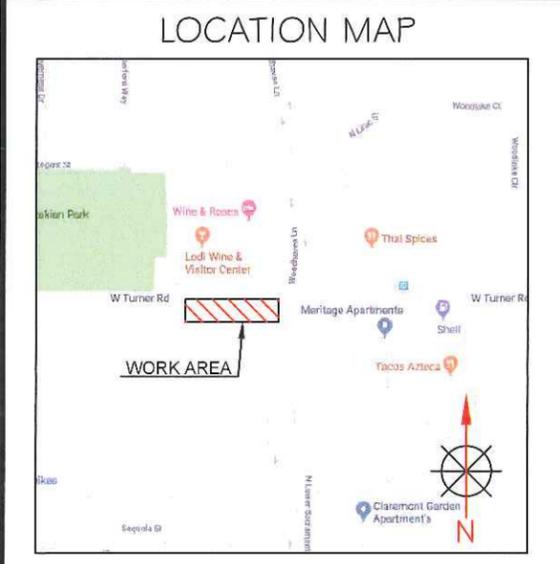
**LEGEND**

- = PORTABLE FLASHING BEACON (P.F.B.)
- = TYPE III BARRICADE W/SIGN (5'H x 4'W)
- = TYPE II BARRICADE W/SIGN (3'H x 2'W)
- = 28" (11cm) TRAFFIC CONES W/ 13" (5cm) REFLECTIVE SLEEVE FOR DAY/NIGHT USE OR DELINEATORS IF DAY USE ONLY
- = TRAFFIC CONE WITH CLIP ON SIGN
- = TYPE I W SIGN
- = EXISTING SIGN
- = SIGNALIZED INTERSECTION
- = FLASHING ARROWBOARD
- = HIGH LEVEL WARNING DEVICE (FLAGTREE)
- = FLAGGER
- = TANSAT
- = TOW AWAY NO STOPPING ANY TIME
- = EXISTING DRIVEWAY
- = WORK ZONE (ACTIVITY AREA) LIMITS
- = DIRECTION OF TRAFFIC

CONTACT PROPERTY OWNER(S) 72 HOURS PRIOR TO START OF WORK.

FLAGGER TO ASSIST PEDESTRIANS THROUGH WORK AREA (SEE PED NOTES)

- A DEDICATED INDIVIDUAL WILL BE ASSIGNED THE RESPONSIBILITY OF ESCORTING PEDESTRIANS THROUGH THE WORK AREA IN ACCORDANCE WITH THREE MAJOR CONSIDERATIONS:
1. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH WORK SITE VEHICLES, EQUIPMENT OR OPERATIONS
  2. PEDESTRIANS SHOULD NOT BE LED INTO DIRECT CONFLICT WITH MAINLINE TRAFFIC MOVING THROUGH OR AROUND THE WORK SITE
  3. PEDESTRIANS SHOULD BE PROVIDED WITH A REASONABLY SAFE, CONVENIENT AND ACCESSIBLE PATH THAT REPLICATES AS NEARLY AS PRACTICAL THE MOST DESIRABLE CHARACTERISTICS OF THE EXISTING SIDEWALK OR FOOTPATH



N LOWER SACRAMENTO RD.



MAINTAIN DRIVEWAY ACCESS AT ALL TIMES

<b>PHASE 1 OF 1</b>	
TYPE OF CONSTRUCTION: <b>MANHOLE #92 ACCESS</b>	
JOB NUMBER: <b>A01E2WW</b>	
PAGE: TC-3	OF TC-3
SCALE: 1:50	

# SIGN LEGEND

# SYMBOL LEGEND

# GENERAL TRAFFIC CONTROL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR PROMPTLY RESTORING THE ROAD BACK TO SATISFACTORY CONDITION WHICH INCLUDES, BUT IS NOT LIMITED TO, PAVING, STRIPING, MARKINGS, SIGNAGE, AND LOOP DETECTION. ALL PLANS SHALL BE IN ACCORDANCE WITH 2014 CAMUTCD.
2. THE AGENCY RESERVES THE RIGHT TO OBSERVE THESE TRAFFIC CONTROL PLANS IN OPERATION AND TO MAKE CHANGES AS FIELD CONDITIONS WARRANT.
3. TRENCHES SHALL BE BACKFILLED OR STEEL-PLATED DURING NON-WORK HOURS. STEEL PLATES SHALL HAVE AN ASPHALT RAMP ON ALL EDGES, SECURELY SUPPORTED SO THEY WON'T ROCK AND A SIGN POSTED NEAR THE PLATES IDENTIFYING THE CONTRACTOR'S NAME AND 24 HOUR EMERGENCY TELEPHONE NUMBER. ALL DIRT, DUST, AND DEBRIS SHALL BE REMOVED FROM THE STREET AT THE END OF EACH DAY AND AT THE END OF THE JOB. THE STREET SHALL BE KEPT IN A DRIVABLE CONDITION AT ALL TIMES.
4. ANY WORK THAT CREATES AN UNDUE SAFETY RISK OR THAT CREATES SEVERE CONGESTION WILL BE SHUT DOWN BY THE AGENCY.
5. A COPY OF ALL TRAFFIC REQUIREMENTS AND TRAFFIC CONTROL PLANS ISSUED BY THE AGENCY MUST BE KEPT ON THE JOB SITE.
6. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE AN OFFICIAL PERMIT. CONTACT THE AGENCY FOR INFORMATION ON OBTAINING A PERMIT.
7. ALL TRAVEL LANES WILL TYPICALLY BE A MINIMUM OF 12 FEET WIDE, 14 FEET IF ADJACENT TO BIKE LANES, UNLESS OTHERWISE SPECIFICALLY APPROVED BY THE AGENCY.
8. FLASHING ARROW BOARDS AS REQUIRED BY THE AGENCY.
9. WARNING (W) SERIES SIGNS USED IN WORK ZONES SHALL BE BLACK ON AN ORANGE BACKGROUND.
10. CONES AND PYLONS SHALL HAVE YELLOW REFLECTORIZED SLEEVES WHEN PLACED ALONG THE CENTERLINE AND WHITE REFLECTORIZED SLEEVES ALONG THE OUTSIDE SHOULDER.
11. IF PARKING IS ALLOWED IN THE ADVANCE WORKING AREA, ADVANCE WARNING SIGNS SHALL BE MOUNTED ON HIGH LEVEL DEVICES.
12. THE CONTRACTOR SHALL POST TOW-AWAY/NO PARKING SIGNS SEVENTY-TWO (72) HOURS IN ADVANCE, WITH DAY OF WEEK, DATE, AND WORK HOURS NOTED, AND SHALL BAG PARKING METERS (WHERE APPLICABLE).
13. OPEN CUT WORK SHALL BE DONE IN \_\_ PHASES.
14. WORKERS SHALL WEAR HARD HATS AND ORANGE VESTS AT ALL TIMES.
15. COUNTY TRANSIT DISTRICT SHALL BE NOTIFIED (5) WORKING DAYS PRIOR TO ANY WORK THAT AFFECTS BUS STOPS.
16. CONSTRUCTION SIGNS SHALL NOT OBSTRUCT SIGHT VISIBILITY AT DRIVEWAYS.
17. CONTRACTOR SHALL NOTIFY ALL LOCAL BUSINESS OWNERS/OCCUPANTS 72 HOURS IN ADVANCE PRIOR TO ANY CONSTRUCTION ADJACENT TO BUSINESSES.

JOB LOCATION: **THORNTON RD**

WORK HOURS: FROM: \_\_\_\_\_ TO: \_\_\_\_\_

BEGIN CROSS STREET: **W WOODBRIDGE RD**

END CROSS STREET: **W TURNER RD**

PERMIT NUMBER: \_\_\_\_\_

THOMAS GUIDE: \_\_\_\_\_

SCOPE OF WORK: **MANHOLE/POLE ACCESS**

START DATE: \_\_\_\_\_

END DATE: \_\_\_\_\_

POSTED SPEED LIMIT	APPROACH SPEED	TAPER LENGTH	CONE SPACING	SIGN SPACING
55 MPH	55 MPH	220 FT	50 FT	500 FT

TRAFFIC CONTROL PLAN DISCLOSURE:

NOTHING CONTAINED ON THIS DRAWING SHALL PREVENT LOCAL JURISDICTIONS FROM MODIFYING, CHANGING, OR ADOPTING NEW SPECIFICATIONS DEEMED NECESSARY.

CRITERIA FOR POSITION, LOCATION, AND USE OF TRAFFIC CONTROL DEVICES IS SOLELY FOR THE PURPOSE OF GUIDANCE TO ASSIST IN THE SET UP OF THE TRAFFIC CONTROL PLANS.

APPROVAL OF THIS PLAN DOES NOT CONSTITUTE AN OFFICIAL PERMIT. CONTACT THE AGENCY FOR INFORMATION ON OBTAINING A PERMIT.

-TABLE 6C-1 2014 CALIFORNIA MUTCD-  
-RECOMMENDED ADVANCE WARNING SIGN SPACING-

ROAD TYPE	DISTANCE BETWEEN SIGNS**		
	A	B	C
URBAN - 25 MPH OR LESS***	100 FEET	100 FEET	100 FEET
URBAN - MORE THAN 25 MPH TO 40 MPH***	250 FEET	250 FEET	250 FEET
URBAN - MORE THAN 40 MPH***	350 FEET	350 FEET	350 FEET
RURAL	500 FEET	500 FEET	500 FEET
EXPRESSWAY/FREEWAY	1,000 FEET	1,500 FEET	2,640 FEET

\*\*\* THE COLUMN HEADING A, B, AND C ARE THE DIMENSIONS SHOWN IN FIGURES 6H-1 THROUGH 6H-16. THE A DIMENSION IS THE DISTANCE FROM THE TRANSITION OR POINT OF ORIENTATION TO FIRST SIGN. THE B DIMENSION IS THE DISTANCE BETWEEN THE FIRST AND SECOND SIGNS. THE C DIMENSION IS THE DISTANCE BETWEEN THE SECOND AND THIRD SIGN. (THE THIRD SIGN IS THE FIRST ONE IN THE THREE-SIGN SERIES ENCOUNTERED BY A DRIVER APPROACHING A TTC ZONE.)

\*\*\* POSTED SPEED LIMIT, OFF-PEAK 85TH-PERCENTILE SPEED PRIOR TO WORK STARTING, OR OTHER ANTICIPATED OPERATING SPEED IN MPH

-TABLE 6C-2 2014 CALIFORNIA MUTCD-  
-STOPPING SIGHT DISTANCE AS A FUNCTION OF SPEED ON LEVEL ROADS-  
(USED AS SUGGESTED LONGITUDINAL BUFFER SPACE LENGTH OR LOCATION FOR FLAGGER STATION)

SPEED* (MPH)	DISTANCE (FT)
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730
75	820

\* POSTED SPEED, OFF-PEAK 85TH-PERCENTILE SPEED PRIOR TO WORK STARTING OR THE ANTICIPATED OPERATING SPEED IN MPH

-TABLE 6C-3 2014 CALIFORNIA MUTCD-  
-TAPER LENGTH CRITERIA FOR TEMPORARY TRAFFIC CONTROL ZONE-

TYPE OF TAPER	TAPER LENGTH (L)*
MERGING TAPER	AT LEAST L
SHIFTING TAPER	AT LEAST 0.5 L
SHOULDER TAPER	AT LEAST 0.33 L
ONE LANE, TWO-WAY TRAFFIC TAPER	SOFT MINIMUM, 100FT MAXIMUM
DOWNSTREAM TAPER	SOFT MINIMUM, 100FT MAXIMUM

-TABLE 6C-4 2014 CALIFORNIA MUTCD-  
-FORMULAS FOR DETERMINING TAPER LENGTH-

SPEED LIMIT (S)	TAPER LENGTH (L) FEET
40 MPH OR LESS	L= WS
45 MPH OR MORE	L= WS

WHERE: L= TAPER LENGTH IN METERS (FEET)  
W= WIDTH OF OFFSET IN METERS (FEET)  
S= POSTED SPEED LIMIT, OR OFF-PEAK 85TH-PERCENTILE SPEED PRIOR TO WORK STARTING, OR THE ANTICIPATED OPERATING SPEED IN KM/H (MPH)

# COUNTY OF SAN JOAQUIN

## TRAFFIC CONTROL PLAN

JOB NUMBER **A01E2WW**  
SCALE: N/A  
PAGE: **COVER SHEET**

PLANS ACCEPTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

R.C.E. \_\_\_\_\_

EXP. DATE: \_\_\_\_\_

**CHC Consulting**  
1845 W. Orangewood Ave., Suite 300, Orange, CA 92868  
(949) 250-0004 / FAX (949) 250-0006

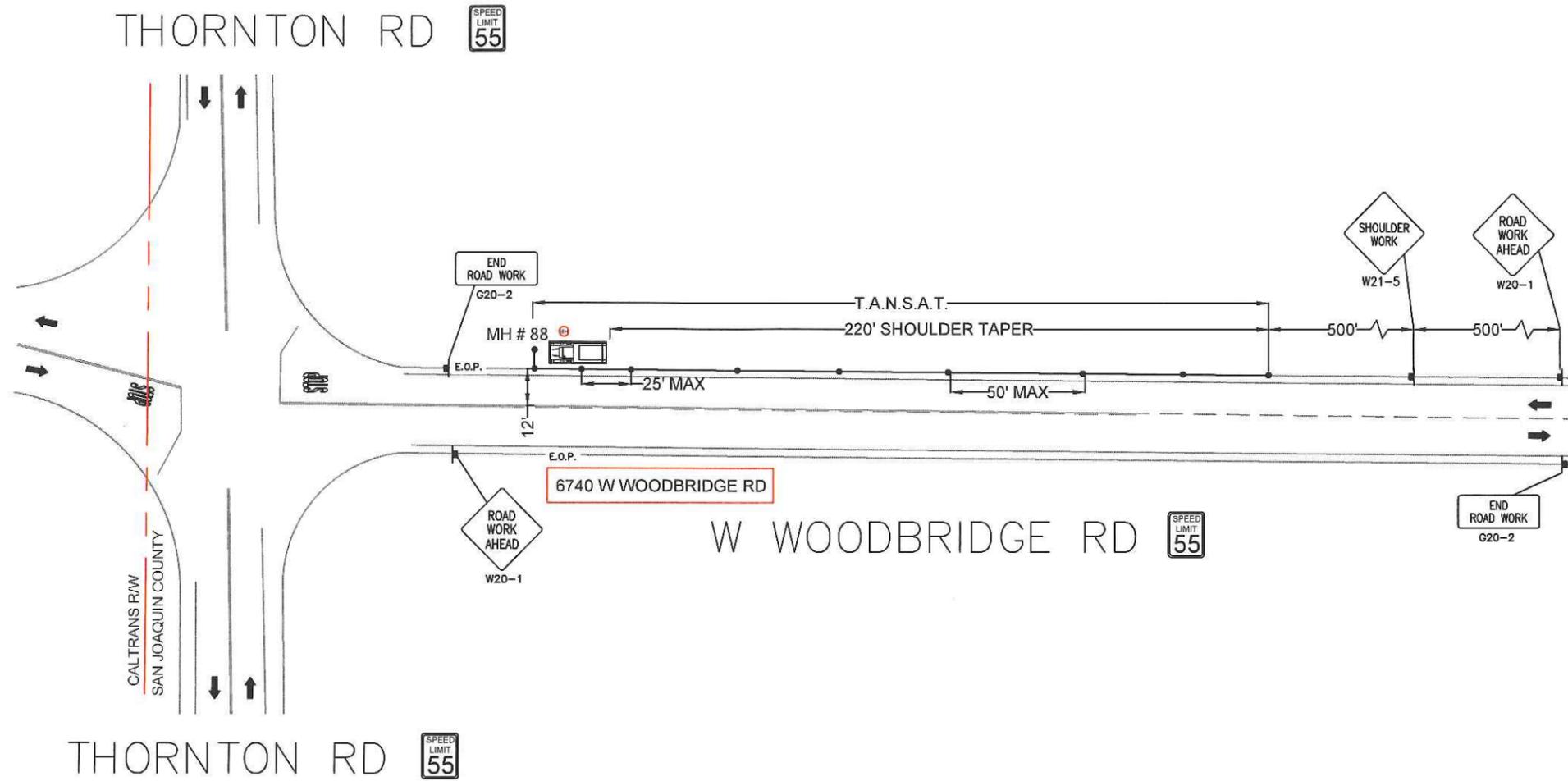
PLANS PREPARED BY:  
NAME: **M. CHRISTENSEN**  
PHONE: **(949) 250-0004**  
DATE: **09/15/2018** REVISION DATE: N/A



**THORNTON RD AND W WOODBRIDGE RD  
-MANHOLE 88 ACCESS  
WORK AREA 1 OF 2**



ISSUE	DATE
1	09/15/2018



**LOCATION MAP**



**LEGEND**

- \* = PORTABLE FLASHING BEACON (P.F.B.)
- ⌈⌋ = TYPE III BARRICADE W/SIGN (5'H x 4'W)
- ⌈⌋ = TYPE II BARRICADE W/SIGN (3'H x 2'W)
- = 28" (11cm) TRAFFIC CONES W/ 13" (5cm) REFLECTIVE SLEEVE FOR DAY/NIGHT USE OR DELINEATORS IF DAY USE ONLY.
- ⊕ = TRAFFIC CONE WITH CLIP ON SIGN
- ⊓ = TYPE I W/ SIGN
- ⊓ = EXISTING SIGN
- ⊙ = SIGNALIZED INTERSECTION
- ⌂ = FLASHING ARROWBOARD
- ⌂ = HIGH LEVEL WARNING DEVICE (FLAGTREE)
- ⌂ = FLAGGER
- TANSAT = TOW AWAY NO STOPPING ANY TIME
- ⊞ = EXISTING DRIVEWAY
- ▨ = WORK ZONE (ACTIVITY AREA) LIMITS
- = DIRECTION OF TRAFFIC



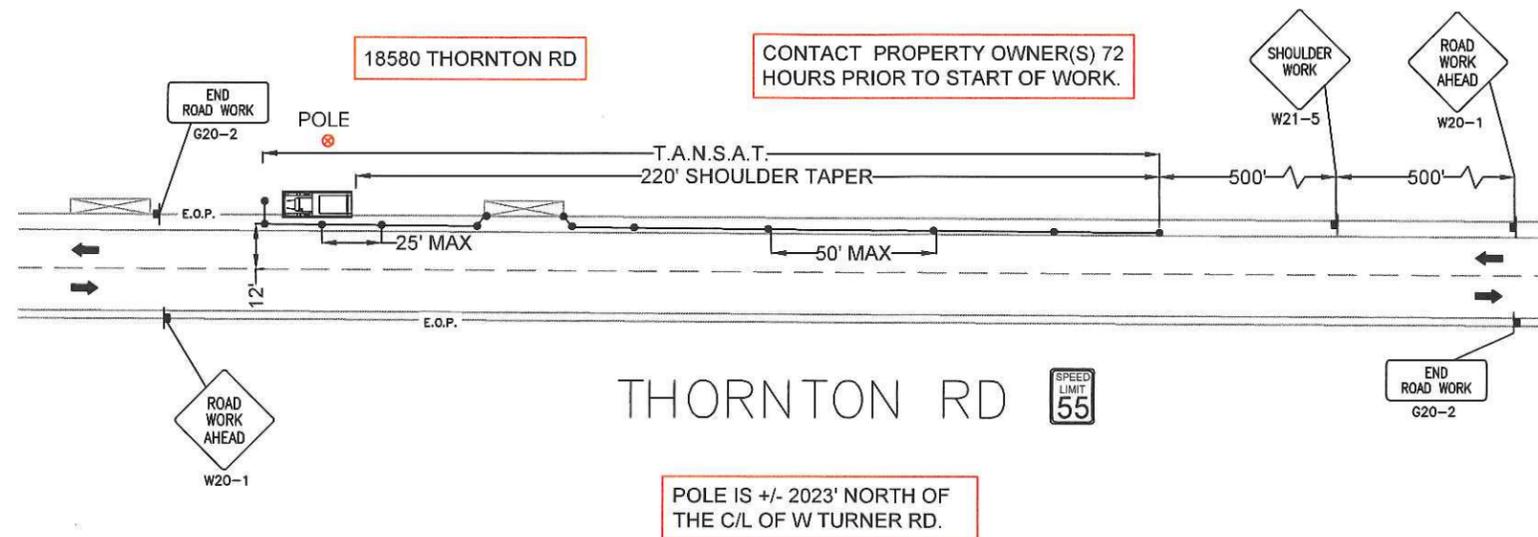
MAINTAIN DRIVEWAY ACCESS AT ALL TIMES

<b>MH 88</b>	
TYPE OF CONSTRUCTION: <b>MANHOLE ACCESS</b>	
JOB NUMBER: <b>A01E2WW</b>	
PAGE: TC-1	OF TC-2
SCALE: 1:50	

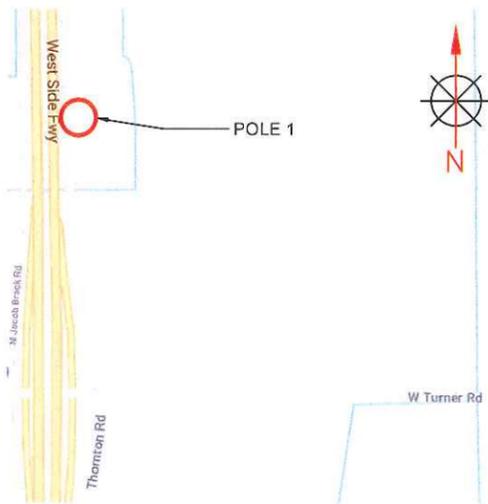
**THORNTON RD AND W TURNER RD  
-POLE 1 ACCESS  
WORK AREA 2 OF 2**



ISSUE	DATE
1	09/15/2018



**LOCATION MAP**



**LEGEND**

- \* = PORTABLE FLASHING BEACON (P.F.B.)
- ⌈⌋ = TYPE III BARRICADE W/SIGN (5'H x 4'W)
- ⌈⌋ = TYPE II BARRICADE W/SIGN (3'H x 2'W)
- = 28" (11cm) TRAFFIC CONES W/ 13" (5cm) REFLECTIVE SLEEVE FOR DAY/NIGHT USE OR DELINEATORS IF DAY USE ONLY
- ⬮ = TRAFFIC CONE WITH CLIP ON SIGN
- ⬮ = TYPE I W/ SIGN
- ⬮ = EXISTING SIGN
- Ⓢ = SIGNALIZED INTERSECTION
- ⬮ = FLASHING ARROWBOARD
- ⬮ = HIGH LEVEL WARNING DEVICE (FLAGTREE)
- ⬮ = FLAGGER
- TANSAT = TOW AWAY NO STOPPING ANY TIME
- ⌈⌋ = EXISTING DRIVEWAY
- ▨ = WORK ZONE (ACTIVITY AREA) LIMITS
- = DIRECTION OF TRAFFIC

MAINTAIN DRIVEWAY ACCESS AT ALL TIMES

<b>POLE 1</b>	
TYPE OF CONSTRUCTION: <b>POLE ACCESS</b>	
JOB NUMBER: <b>A01E2WW</b>	
PAGE: TC-2	OF TC-2
SCALE: 1:50	

# SIGN LEGEND

# SYMBOL LEGEND

# GENERAL TRAFFIC CONTROL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR PROMPTLY RESTORING THE ROAD BACK TO SATISFACTORY CONDITION WHICH INCLUDES, BUT IS NOT LIMITED TO, PAVING, STRIPING, MARKINGS, SIGNAGE, AND LOOP DETECTION. ALL PLANS SHALL BE IN ACCORDANCE WITH 2014 CAMUTCD.
2. THE AGENCY RESERVES THE RIGHT TO OBSERVE THESE TRAFFIC CONTROL PLANS IN OPERATION AND TO MAKE CHANGES AS FIELD CONDITIONS WARRANT.
3. TRENCHES SHALL BE BACKFILLED OR STEEL-PLATED DURING NON-WORK HOURS. STEEL PLATES SHALL HAVE AN ASPHALT RAMP ON ALL EDGES, SECURELY SUPPORTED SO THEY WON'T ROCK AND A SIGN POSTED NEAR THE PLATES IDENTIFYING THE CONTRACTOR'S NAME AND 24 HOUR EMERGENCY TELEPHONE NUMBER. ALL DIRT, DUST, AND DEBRIS SHALL BE REMOVED FROM THE STREET AT THE END OF EACH DAY AND AT THE END OF THE JOB. THE STREET SHALL BE KEPT IN A DRIVABLE CONDITION AT ALL TIMES.
4. ANY WORK THAT CREATES AN UNDUE SAFETY RISK OR THAT CREATES SEVERE CONGESTION WILL BE SHUT DOWN BY THE AGENCY.
5. A COPY OF ALL TRAFFIC REQUIREMENTS AND TRAFFIC CONTROL PLANS ISSUED BY THE AGENCY MUST BE KEPT ON THE JOB SITE.
6. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE AN OFFICIAL PERMIT. CONTACT THE AGENCY FOR INFORMATION ON OBTAINING A PERMIT.
7. ALL TRAVEL LANES WILL TYPICALLY BE A MINIMUM OF 12 FEET WIDE, 14 FEET IF ADJACENT TO BIKE LANES, UNLESS OTHERWISE SPECIFICALLY APPROVED BY THE AGENCY.
8. FLASHING ARROW BOARDS AS REQUIRED BY THE AGENCY.
9. WARNING (W) SERIES SIGNS USED IN WORK ZONES SHALL BE BLACK ON AN ORANGE BACKGROUND.
10. CONES AND PYLONS SHALL HAVE YELLOW REFLECTORIZED SLEEVES WHEN PLACED ALONG THE CENTERLINE AND WHITE REFLECTORIZED SLEEVES ALONG THE OUTSIDE SHOULDER.
11. IF PARKING IS ALLOWED IN THE ADVANCE WORKING AREA, ADVANCE WARNING SIGNS SHALL BE MOUNTED ON HIGH LEVEL DEVICES.
12. THE CONTRACTOR SHALL POST TOW-AWAY/NO PARKING SIGNS SEVENTY-TWO (72) HOURS IN ADVANCE, WITH DAY OF WEEK, DATE, AND WORK HOURS NOTED, AND SHALL BAG PARKING METERS (WHERE APPLICABLE).
13. OPEN CUT WORK SHALL BE DONE IN \_\_ PHASES.
14. WORKERS SHALL WEAR HARD HATS AND ORANGE VESTS AT ALL TIMES.
15. COUNTY TRANSIT DISTRICT SHALL BE NOTIFIED (5) WORKING DAYS PRIOR TO ANY WORK THAT AFFECTS BUS STOPS.
16. CONSTRUCTION SIGNS SHALL NOT OBSTRUCT SIGHT VISIBILITY AT DRIVEWAYS.
17. CONTRACTOR SHALL NOTIFY ALL LOCAL BUSINESS OWNERS/OCCUPANTS 72 HOURS IN ADVANCE PRIOR TO ANY CONSTRUCTION ADJACENT TO BUSINESSES.

JOB LOCATION: **6500 W WOODBRIDGE RD.**

WORK HOURS: FROM: \_\_\_\_\_ TO: \_\_\_\_\_

BEGIN CROSS STREET: **THORNTON RD.**

END CROSS STREET: **CROSS DR.**

PERMIT NUMBER: \_\_\_\_\_

THOMAS GUIDE: \_\_\_\_\_

SCOPE OF WORK: **PL. NEW GROUND BED**

START DATE: \_\_\_\_\_

END DATE: \_\_\_\_\_

POSTED SPEED LIMIT	APPROACH SPEED	TAPER LENGTH	CONE SPACING	SIGN SPACING
55 MPH	55 MPH	220 FT	55 FT	500 FT

TRAFFIC CONTROL PLAN DISCLOSURE:

NOTHING CONTAINED ON THIS DRAWING SHALL PREVENT LOCAL JURISDICTIONS FROM MODIFYING, CHANGING, OR ADOPTING NEW SPECIFICATIONS DEEMED NECESSARY.

CRITERIA FOR POSITION, LOCATION, AND USE OF TRAFFIC CONTROL DEVICES IS SOLELY FOR THE PURPOSE OF GUIDANCE TO ASSIST IN THE SET UP OF THE TRAFFIC CONTROL PLANS.

APPROVAL OF THIS PLAN DOES NOT CONSTITUTE AN OFFICIAL PERMIT. CONTACT THE AGENCY FOR INFORMATION ON OBTAINING A PERMIT.

-TABLE 6C-1 2014 CALIFORNIA MUTCD- RECOMMENDED ADVANCE WARNING SIGN SPACING-

ROAD TYPE	DISTANCE BETWEEN SIGNS**		
	A	B	C
URBAN - 25 MPH OR LESS***	100 FEET	100 FEET	100 FEET
URBAN - MORE THAN 25 MPH TO 40 MPH***	250 FEET	250 FEET	250 FEET
URBAN - MORE THAN 40 MPH***	350 FEET	350 FEET	350 FEET
RURAL	500 FEET	500 FEET	500 FEET
EXPRESSWAY/FREEWAY	1,000 FEET	1,500 FEET	2,640 FEET

\*\*\* THE COLUMN HEADING A, B, AND C ARE THE DIMENSIONS SHOWN IN FIGURES 6H-1 THROUGH 6H-46. THE A DIMENSION IS THE DISTANCE FROM THE TRANSITION OR POINT OF OBSTRUCTION TO FIRST SIGN. THE B DIMENSION IS THE DISTANCE BETWEEN THE FIRST AND SECOND SIGNS. THE C DIMENSION IS THE DISTANCE BETWEEN THE SECOND AND THIRD SIGN. (THE THIRD SIGN IS THE FIRST ONE IN THE THREE-SIGN SERIES ENCOUNTERED BY A DRIVER APPROACHING A TTC ZONE.)

\*\*\* POSTED SPEED LIMIT, OFF-PEAK 85TH-PERCENTILE SPEED PRIOR TO WORK STARTING, OR OTHER ANTICIPATED OPERATING SPEED IN MPH

-TABLE 6C-2 2014 CALIFORNIA MUTCD- STOPPING SIGHT DISTANCE AS A FUNCTION OF SPEED ON LEVEL ROADS- (USED AS SUGGESTED LONGITUDINAL BUFFER SPACE LENGTH OR LOCATION FOR FLAGGER STATION)

SPEED* (MPH)	DISTANCE (FT)
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730
75	820

\* POSTED SPEED, OFF-PEAK 85TH-PERCENTILE SPEED PRIOR TO WORK STARTING OR THE ANTICIPATED OPERATING SPEED IN MPH

-TABLE 6C-3 2014 CALIFORNIA MUTCD- TAPER LENGTH CRITERIA FOR TEMPORARY TRAFFIC CONTROL ZONE-

TYPE OF TAPER	TAPER LENGTH (L)*
MERGING TAPER	AT LEAST L
SHIFTING TAPER	AT LEAST 0.5 L
SHOULDER TAPER	AT LEAST 0.33 L
ONE LANE, TWO-WAY TRAFFIC TAPER	SOFT MINIMUM, 100FT MAXIMUM
DOWNSTREAM TAPER	SOFT MINIMUM, 100FT MAXIMUM

-TABLE 6C-4 2014 CALIFORNIA MUTCD- FORMULAS FOR DETERMINING TAPER LENGTH-

SPEED LIMIT (S)	TAPER LENGTH (L) FEET
40 MPH OR LESS	$L = \frac{WS}{30}$
45 MPH OR MORE	$L = WS$

WHERE: L= TAPER LENGTH IN METERS (FEET)  
W= WIDTH OF OFFSET IN METERS (FEET)  
S= POSTED SPEED LIMIT, OR OFF-PEAK 85TH-PERCENTILE SPEED PRIOR TO WORK STARTING, OR THE ANTICIPATED OPERATING SPEED IN KM/H (MPH)

# CITY OF: SAN JOAQUIN

## TRAFFIC CONTROL PLAN

JOB NUMBER **A01E2WW**  
SCALE: N/A  
PAGE: **COVER SHEET**

PLANS ACCEPTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

R.C.E. \_\_\_\_\_

EXP. DATE: \_\_\_\_\_

**CHC Consulting**  
1845 W. Orangewood Ave., Suite 300, Orange, CA 92868  
(949) 250-0004 / FAX (949) 250-0006

PLANS PREPARED BY:  
NAME: **AMANPREET SINGH**  
PHONE: **(949) 250-0004**  
DATE: **09-13-18** REVISION DATE: **N/A**

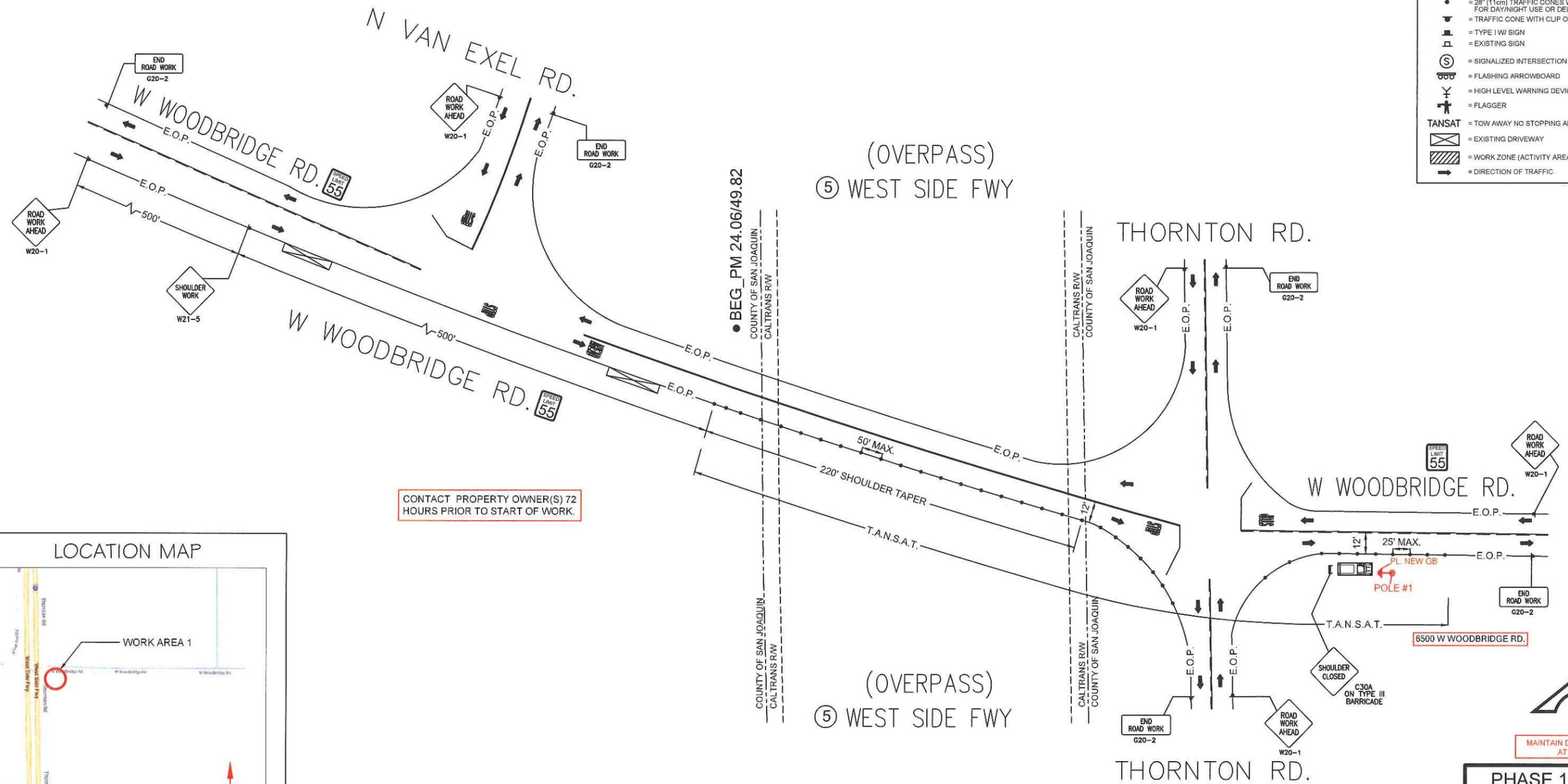


**6500 W WOODBRIDGE RD.  
W WOODBRIDGE RD. & THORNTON RD.  
PL. NEW GB  
WORK AREA 1 OF 3**

at&t	ISSUE	DATE
	1	09-13-18

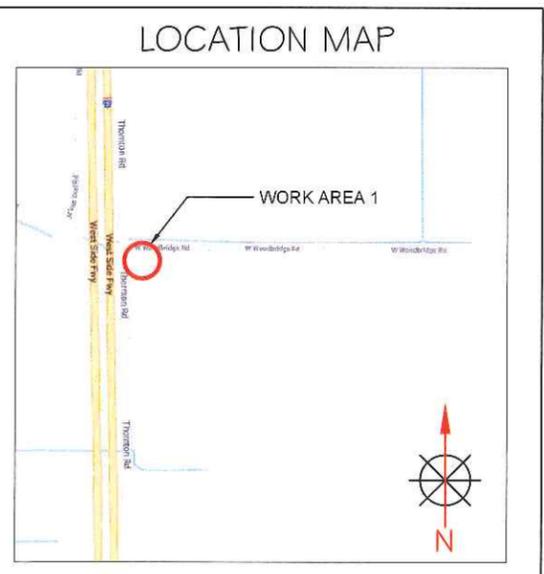
**LEGEND**

- = PORTABLE FLASHING BEACON (P.F.B.)
- = TYPE III BARRICADE W/SIGN (5H x 4W)
- = TYPE II BARRICADE W/SIGN (3H x 2W)
- = 28" (11cm) TRAFFIC CONES W/ 13" (5cm) REFLECTIVE SLEEVE FOR DAY/NIGHT USE OR DELINEATORS IF DAY USE ONLY
- = TRAFFIC CONE WITH CLIP ON SIGN
- = TYPE I W SIGN
- = EXISTING SIGN
- = SIGNALIZED INTERSECTION
- = FLASHING ARROWBOARD
- = HIGH LEVEL WARNING DEVICE (FLAGTREE)
- = FLAGGER
- = TANSAT
- = TOW AWAY NO STOPPING ANY TIME
- = EXISTING DRIVEWAY
- = WORK ZONE (ACTIVITY AREA) LIMITS
- = DIRECTION OF TRAFFIC



CONTACT PROPERTY OWNER(S) 72 HOURS PRIOR TO START OF WORK.

MAINTAIN DRIVEWAY ACCESS AT ALL TIMES

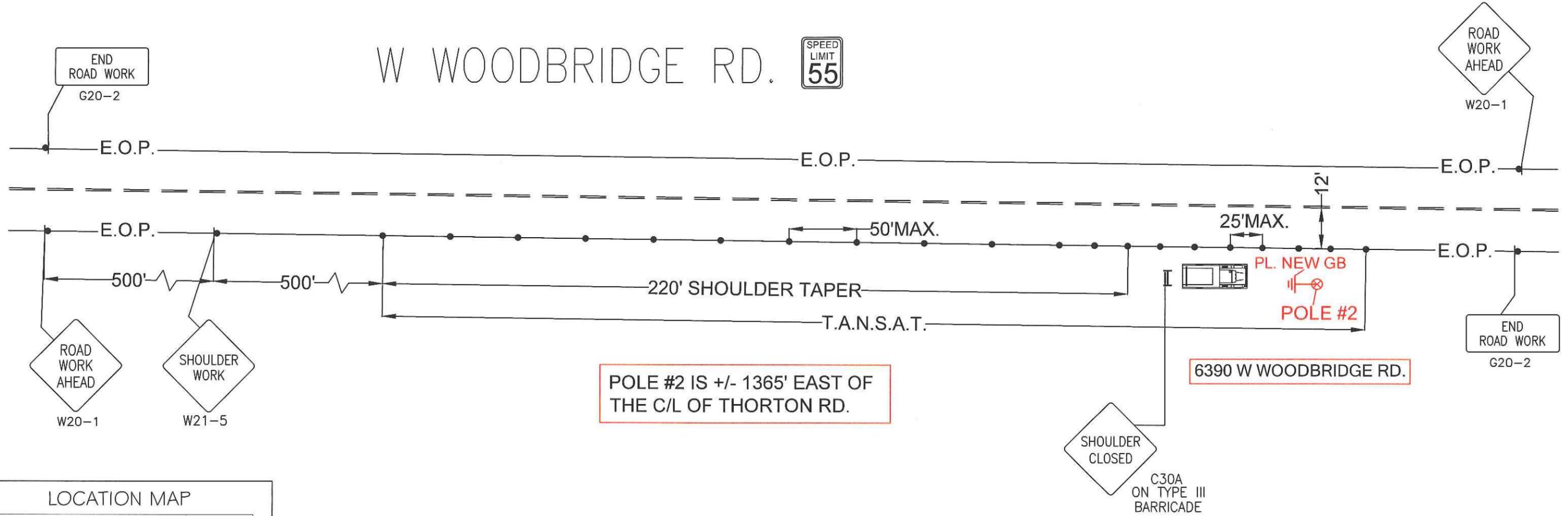


<b>PHASE 1 OF 1</b>		
TYPE OF CONSTRUCTION: <b>PL. NEW GROUND BED</b>		
JOB NUMBER: <b>A01E2WW</b>		
PAGE: TC-1	OF TC-3	SCALE: 1:60

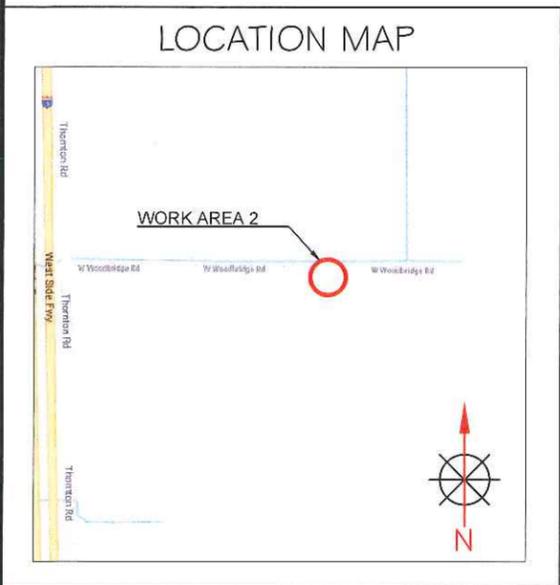
**6380 W WOODBRIDGE RD.  
W WOODBRIDGE RD. & THORTON RD.  
PL. NEW GB  
WORK AREA 2 OF 3**



ISSUE	DATE
1	09-13-18



**POLE #2 IS +/- 1365' EAST OF THE C/L OF THORTON RD.**



**LEGEND**

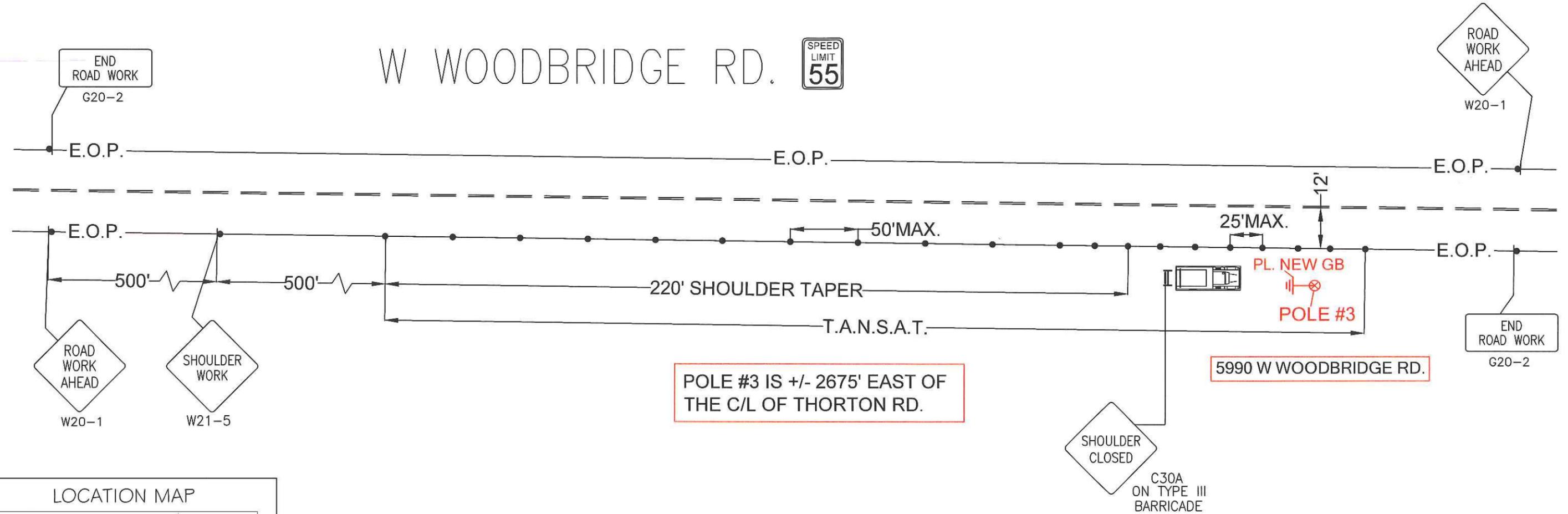
- = PORTABLE FLASHING BEACON (P.F.B.)
- = TYPE III BARRICADE W/SIGN (5'H x 4'W)
- = TYPE II BARRICADE W/SIGN (3'H x 2'W)
- = 28" (11cm) TRAFFIC CONES W/ 13" (5cm) REFLECTIVE SLEEVE FOR DAY/NIGHT USE OR DELINEATORS IF DAY USE ONLY
- = TRAFFIC CONE WITH CLIP ON SIGN
- = TYPE I W/ SIGN
- = EXISTING SIGN
- = SIGNALIZED INTERSECTION
- = FLASHING ARROWBOARD
- = HIGH LEVEL WARNING DEVICE (FLAGTREE)
- = FLAGGER
- = TANSAT = TOW AWAY NO STOPPING ANY TIME
- = EXISTING DRIVEWAY
- = WORK ZONE (ACTIVITY AREA) LIMITS
- = DIRECTION OF TRAFFIC



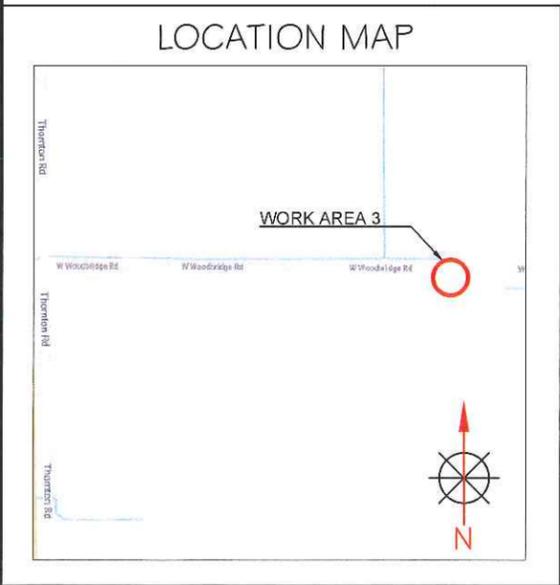
**MAINTAIN DRIVEWAY ACCESS AT ALL TIMES**

<b>PHASE 1 OF 1</b>	
TYPE OF CONSTRUCTION: <b>PL. NEW GROUND BED</b>	
JOB NUMBER: <b>A01E2WW</b>	
PAGE: TC-2	OF TC-3
SCALE: 1:30	

5990 W WOODBRIDGE RD.  
 W WOODBRIDGE RD. & THORTON RD.  
 PL. NEW GB  
 WORK AREA 3 OF 3



POLE #3 IS +/- 2675' EAST OF THE C/L OF THORTON RD.



**LEGEND**

- = PORTABLE FLASHING BEACON (P.F.B.)
- = TYPE III BARRICADE W/SIGN (5H x 4W)
- = TYPE II BARRICADE W/SIGN (3H x 2W)
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 

N

MAINTAIN DRIVEWAY ACCESS AT ALL TIMES

<b>PHASE 1 OF 1</b>	
TYPE OF CONSTRUCTION: <b>PL. NEW GROUND BED</b>	
JOB NUMBER: <b>A01E2WW</b>	
PAGE: TC-3	OF TC-3
SCALE: 1:30	