



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-1902367
Date Issued: 07/16/2019
Start Date: 07/16/2019
Exp. Date: 09/01/2019
Project No: PWP730079
Quad:

UE/CR/PM NO:A01LK50

ENCROACHMENT PERMIT

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

Encroachment Type:

Bore (over 12 inch Dia)	Bell Hole		
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Location:

S/S MICHIGAN AVE 275' W/O RYDE AVE

In compliance with your request of 07/16/2019, 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: \$1,774.00

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

KRIS BALAJI, Director
Department of Public Works

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, 3359, 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 06/06/19

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 # 730079 REF # _____

APN _____ CR # _____

EXP. DATE _____

VALID _____ TO _____

STREET _____

AREA _____ QUAD _____

TYPE _____

FORMS _____

NOTES _____

DRIVEWAYS:

*

*

*

Sketch (Detailed plans may be submitted)

A COPY OF THE TRAFFIC CONTROL PLAN IS SUBMITTED WITH THIS PERMIT;
SEE ATTACHMENTS

A01LK30

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the SOUTH side of MICHIGAN AVE approximately 275 feet/mile WEST of N RYDE AVE, by performing the following work (description of work):
AERIAL PLACEMENT INVOLVING (3) POLES WITH (1) AERIAL STREET CROSSING OVER MICHIGAN AVE.

PLEASE SEE ATTACHED DOCUMENT FOR OTHER SPECIFIC JOB LOCATION & DESCRIPTION.

Work will commence on or about 6/26/2019 for approximately 5 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.

Brian E. Schuff Engineering
Administrator
Signature of Applicant - Title

6/18/2019
Date

DEPT ID
SAN JOAQUIN COUNTY

2019 JUN 20 AM 8:29

DEPT. OF PUBLIC WORKS

PERMIT APPLICATION FOR AT&T JOB# A01LK50

JOB LOCATION:

MANHOLE# 2287: 1875 COUNTRY CLUB BLVD

MANHOLE# 2558: 1416 ELMWOOD AVE

POLE LOC 13: 2712 MICHIGAN AVE

JOB DESCRIPTION:

MANHOLE# 2287: ACCESS MANHOLE# 2287 (STREET) TO PULL FIBER CABLE THROUGH.

MANHOLE# 2558: S/S ELMWOOD AVE, 109' W/O N PERSHING AVE, ACCESS MANHOLE# 2558 TO SPLICE EXISTING FIBER CABLE.

POLE LOC 13: ACCESS POLE LOC 13 TO PLACE (1) 3-ELECTRODE GROUND BED IN DIRT.

THE ASSOCIATED TCP IS SUBMITTED WITH THIS PERMIT. PLEASE SEE THE ATTACHED PERMIT DRAWINGS FOR AT&T JOB# A01LK50.



Department of Public Works

Kris Balaji, Director of Public Works

Fritz Buchman, Deputy Director/Development

Michael Selling, Deputy Director/Engineering

Jim Stone, Deputy Director/Operations

Kristi Rhea, Manager of Strategic Initiatives


Acknowledgement of Monument Preservation

I, MICHAEL HALTERMAN, a duly Licensed Land Surveyor or a Professional Engineer
(Please print)

authorized to perform Land Surveying in the State of California, Registration No. LS 8040,

hereby acknowledge and accept all responsibility for the monument preservation as required
per Section 8771(a-f) of the Business and Professions Code within the bounds of the
construction activity permitted by San Joaquin County Permit No. _____.

I further acknowledge that I am hereby responsible for the Acknowledgement of Monument
Preservation prior to final acceptance of the construction activity.



Signature

Seal

13 JUN 2019

Date

PS-MONUMENT PRESERVATION



D = nearest monument

□ = construction site

WARREN PARK
STOCKTON RIVER GARDENS, NO. 3

121-17

THIS MAP IS FOR
ASSESSMENT USE ONLY



D - R. M. Bk. 08 Pg. 025
D - R. S. Bk. 08 Pg. 143
C - R. S. Bk. 08 Pg. 052
B - R. M. Bk. 10 Pg. 050
A - R. M. Bk. 15 Pg. 052

NOTE: Assessor's Parcel Numbers Shown in Circles.
Assessor's Block Numbers Shown in Ellipses.

CITY OF STOCKTON
Assessor's Map Bk. 121 Pg. 17
County of San Joaquin, Calif.

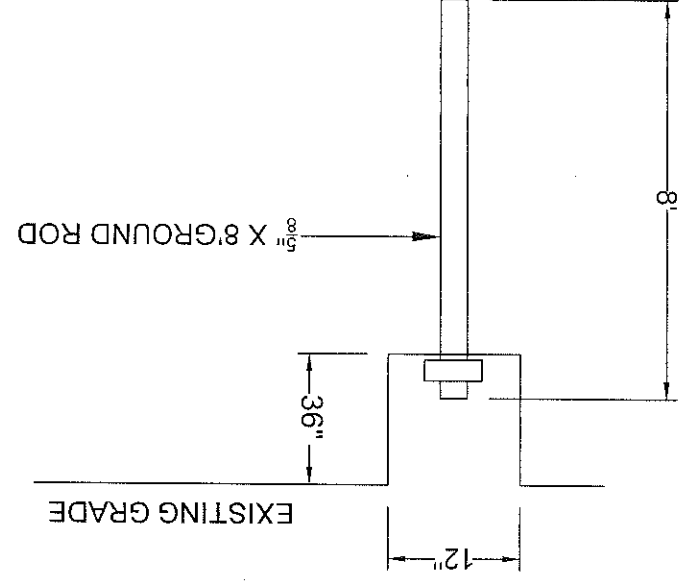
HIGHEST A.P.N. USED		
YEAR	PAR. #	PAR. #
85-86	23	
86-87	25	

SPECIAL CONDITIONS FOR ENCROACHMENT PERMIT

1. Maintain traffic controls for all roads. Traffic control delays shall not exceed 15 minutes. Two-way traffic shall be maintained during non-working hours with excavated areas backfilled or plated. During working hours, two-way traffic control shall be maintained with one lane open and appropriate flaggers.
2. Access to all properties shall be maintained at all times except when work is occurring at the access point. Minimal delays will be allowed to provide access within the work zone area. Driveway access shall be fully restored at the end of each workday. Driveways disturbed by the contractor shall be replaced with in-kind or better materials.
3. Residents and businesses shall be notified in writing, as approved by the County, 48 hours in advance of any impacts to their access.
4. Any areas where parking is to be restricted shall have signs noting the restrictions in place at least 48 hours in advance.
5. Existing fences shall not be removed without written consent of the property owner. Such consent shall be submitted to the County prior to the removal. Fences removed shall be restored with in-kind or better materials. Restored fences shall not encroach into County right-of-way.
6. Work shall not be permitted within the San Joaquin County right-of-way between November 1 and March 31 without prior authorization from the San Joaquin County Department of Public Works Field Engineering Division, contact them at 209-953-7421.
7. All destroyed or obliterated pavement markings must be replaced in kind by the permittee. Typical pavement markings include but not limited to lane lines, centerlines, stop and stop ahead legends, limit lines, raised pavement markers and miscellaneous delineators.
8. 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)
9. All pipe and pipeline related facilities including, but not limited to, valves, utility boxes and vaults, and frames and covers shall be maintained by AT&T, including any facilities that are abandoned in place. AT&T shall be responsible for any and all costs associated with the removal, relocation and/or adjustment of these facilities as determined by the County at AT&T's expense. (Streets and Highways Code Section 1463)
10. All future maintenance of the pipeline and related facilities within the County right-of-way will require a San Joaquin County Encroachment Permit.
11. Trenches shall be maintained in a smooth and even condition to the satisfaction of the County throughout the project limits at all times.

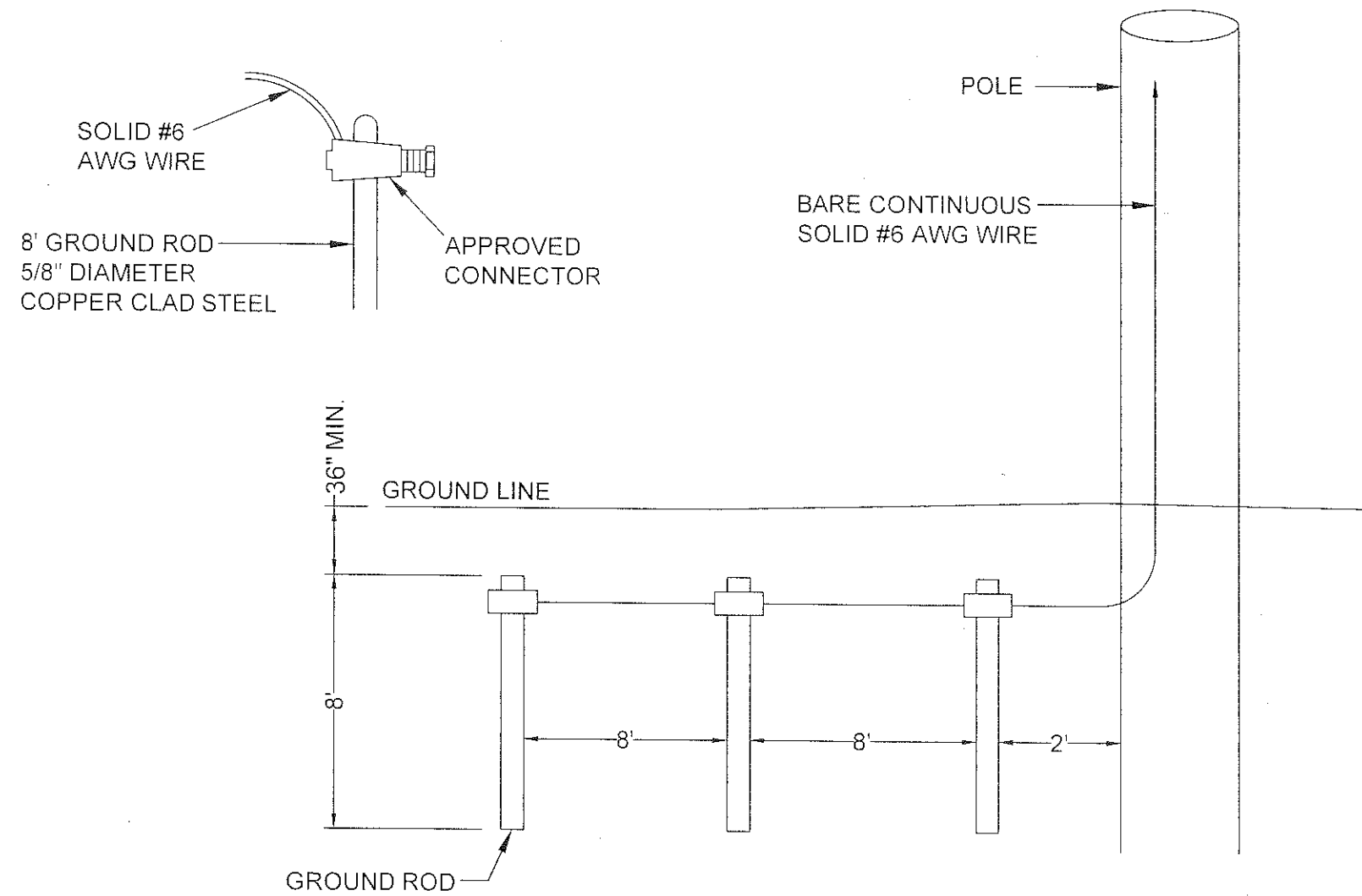
12. All trenches shall be completely backfilled or shored and plated at the end of each workday, and the roadway restored to two-way traffic. If plating is to be used, a trench shoring and plating plan suitable for traffic loadings shall be prepared by a registered civil engineer and submitted for prior approval by the County.
13. The contractor shall use San Joaquin County Improvement Standard R-29 when backfilling trenches within the County right-of-way. Where the existing road structural section is below standard, a minimum section of 3 inches of asphalt concrete over 8 inches of aggregate base shall be required.
14. No pavement cuts in traveled way.
15. Class II Aggregate Base shoulder backing is required from the edge of pavement, a minimum of 4-inches thick by 4-feet wide.
16. Contractor shall establish existing roadway and drainage grades within the construction area. Any repair to roadways and adjacent areas shall match existing grades. Any proposed grade changes shall receive prior approval from County.
17. Above ground vaults, panels and/or other similar facilities will be allowed within the right-of-way if located as far to the outside edge as possible. Utility vaults shall be located a minimum of 4'-0" from edge of pavement.
18. County roads shall be kept clean from mud and debris at all times along the access points and work zone areas during entire project. All standard roadway striping and signage shall be clearly visible, maintained and restored throughout the construction zone during and after the project.
19. In addition to standard dust control measures, streets shall be maintained in a clean condition, free of dirt, mud and debris during construction activities. The contractor shall provide daily, or as needed, street sweeping using a modern mechanical or vacuum-assisted street sweeper.
20. The contractor shall not conduct construction operations in rain or heavy fog conditions.

GROUND BED
CROSS SECTIONAL DIAGRAM



NOT TO SCALE

GROUND BED PROFILE TYPICAL



NOT TO SCALE



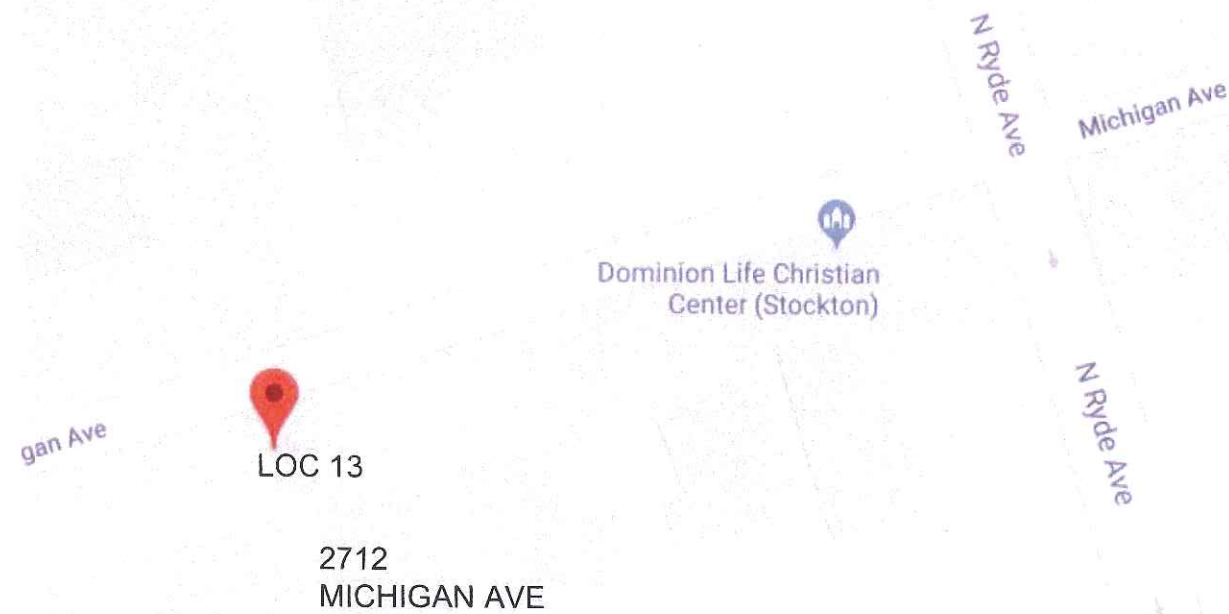
EXCAVATION DATA

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

PLACE (1) 3-ELECTRODE GROUND BED IN
DIRT @ LOC 13 (37°58'00.6"N 121°20'17.5"W)

GEO/ CO: UE73
TEL: 209-578-7351
TYPE OF CONST:
GND BED PLACEMENT
JOB NO. A01LK50
DWG 1 OF 3 P

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

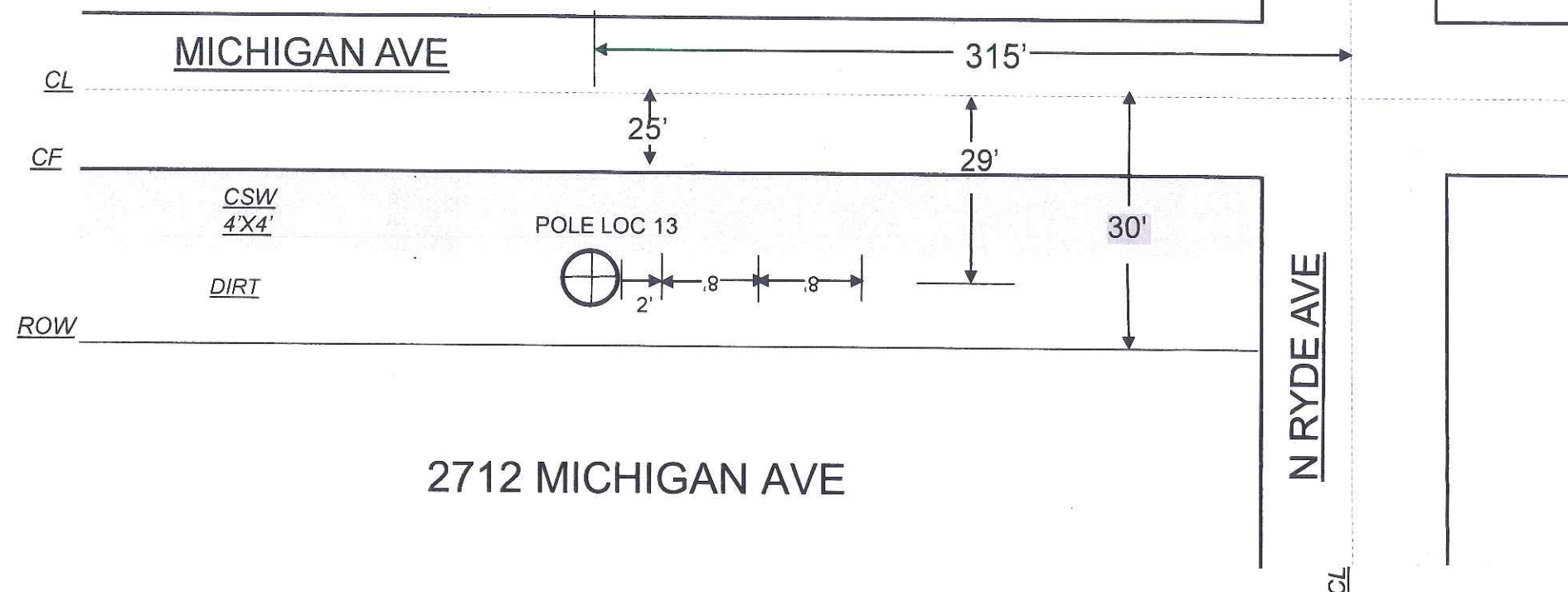


CONSTRUCTION NOTES:

- 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.

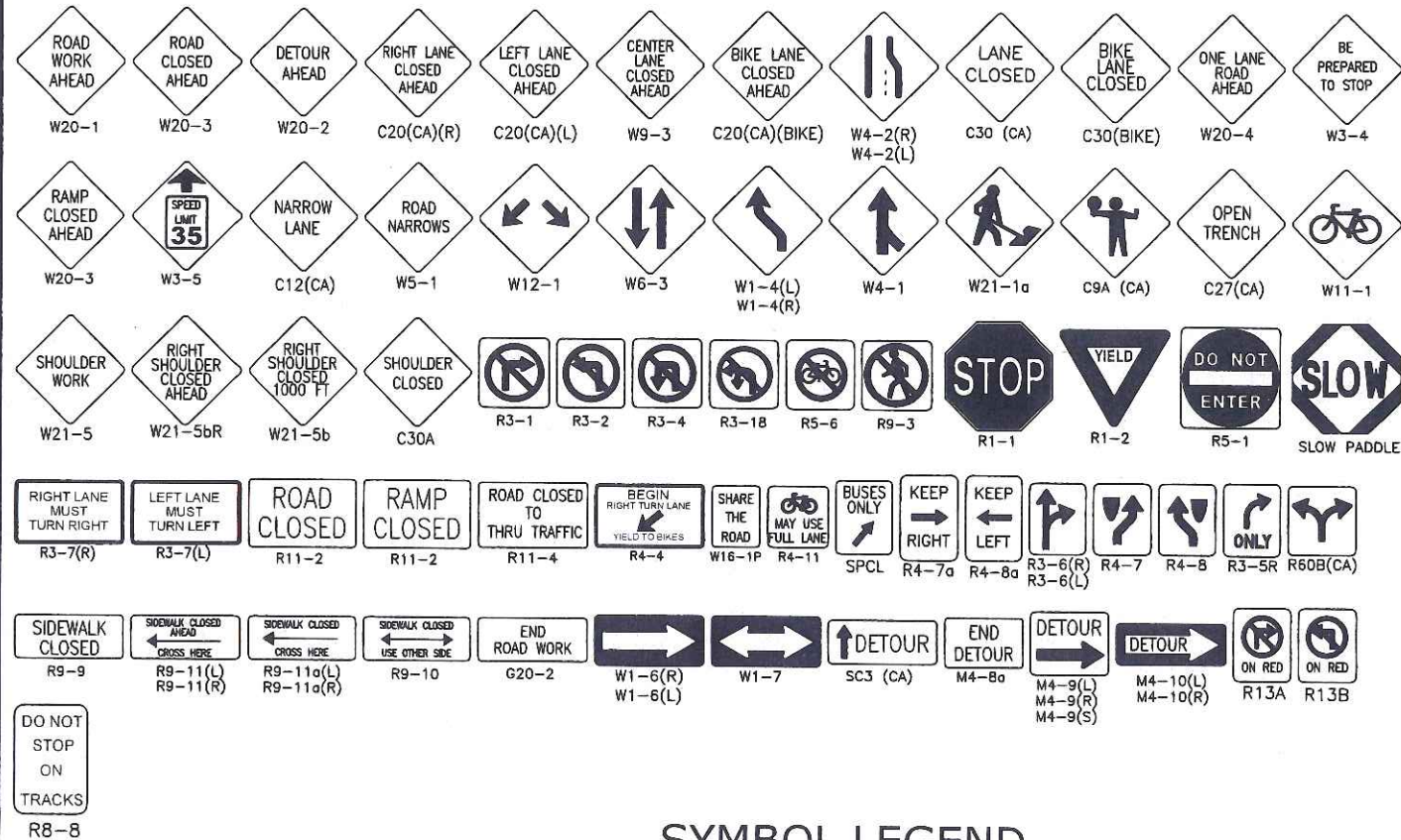
46L CONSTRUCTION NOTES:

1. EXCAVATE & PLACE 3-ELECTRODE GROUND BED IN DIRT @ LOC. 13
2. GROUND BEDS SHALL BE INSTALLED WITH A MINIMUM HORIZONTAL/PARALLEL SEPARATION OF 5 FT FROM EXISTING WATER FACILITIES.

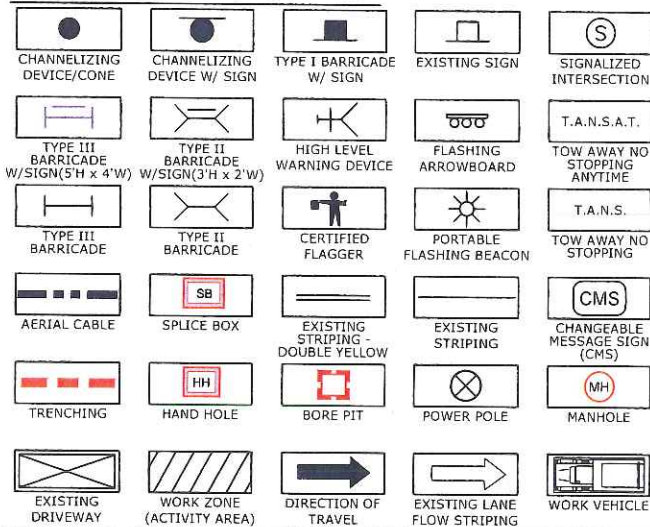


NOT TO SCALE

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:	WORK HOURS:
2701 MICHIGAN AVE.	FROM:
	TO:
BEGIN CROSS STREET:	END CROSS STREET:
N RYDE AVE.	KIRK AVE.
PERMIT NUMBER:	THOMAS GUIDE:

SCOPE OF WORK:
AERIAL PLACEMENT, MANHOLE ACCESS & GB 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
25 MPH	25 MPH	VARIES	25 FT	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 RESTRICTION TO THE 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 SIGNS. (THE "FIRST SIGN" IS THE SIGN IN A THREE-SIGN SERIES THAT IS CLOSEST TO TTC ZONE. THE "THIRD SIGN" IS THE SIGN THAT IS FURTHEST UPSTREAM FROM THE 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
DOWNSHIFT TAPER	SOFT MINIMUM, 100FT MAXIMUM

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

SPEED LIMIT (S)	TAPER LENGTH (L)
20 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 A01LK50
SCALE: N/A
PAGE: COVER SHEET

PLANS ACCEPTED BY:

R.C.E.

DATE

EXP. DATE

CHC Consulting

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

PLANS PREPARED BY:

NAME: GURKAMAL PREET SINGH

PHONE: (949) 250-0004

DATE: 06-05-19 REVISION DATE: N/A



MICHIGAN AVE. & N RYDE AVE.
-AERIAL PLACEMENT
WORK AREA 1 OF 3
PHASE 1 OF 2

at&t	ISSUE	DATE
	1	06-05-19

CONTACT TRANSIT AUTHORITY 72 HOURS PRIOR TO START OF WORK FOR TEMPORARY RELOCATION OF BUS STOP.

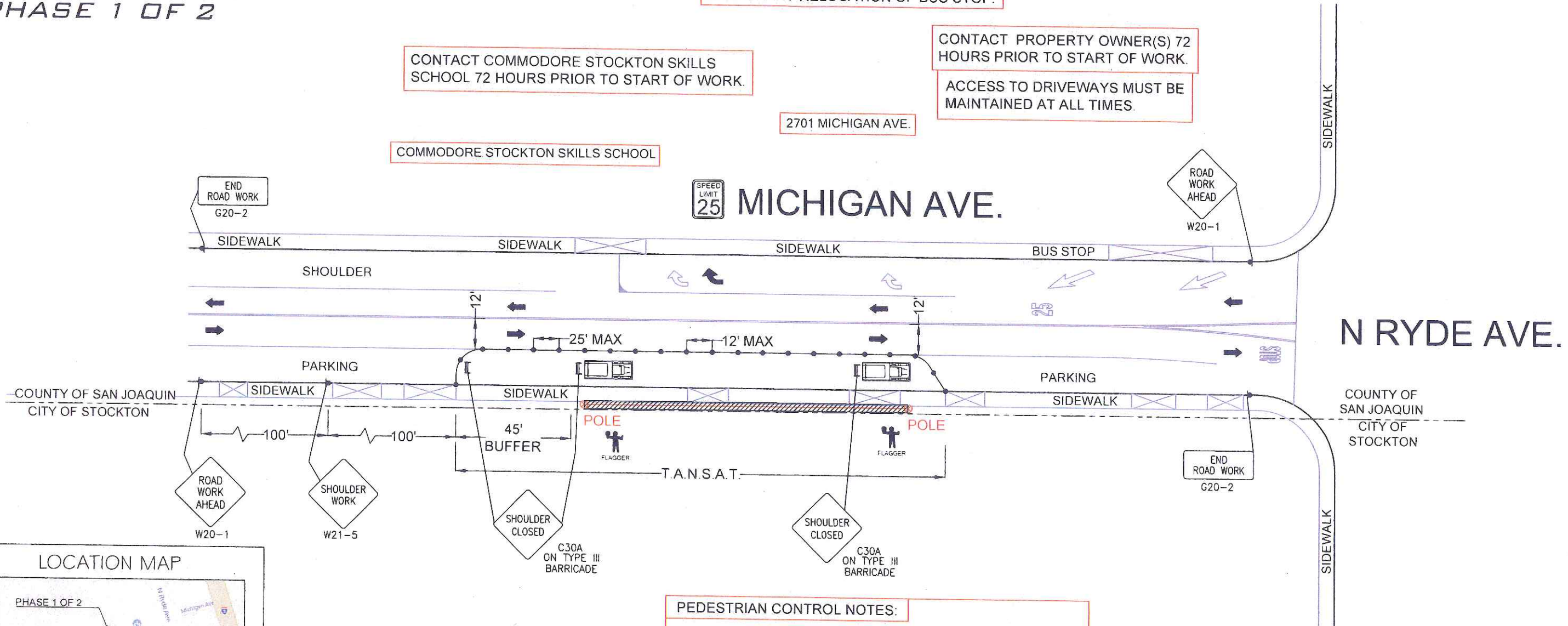
CONTACT COMMODORE STOCKTON SKILLS SCHOOL 72 HOURS PRIOR TO START OF WORK.

CONTACT PROPERTY OWNER(S) 72 HOURS PRIOR TO START OF WORK.
ACCESS TO DRIVEWAYS MUST BE MAINTAINED AT ALL TIMES.

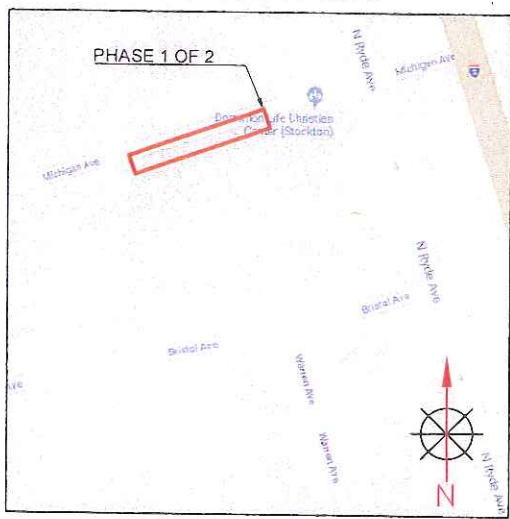
2701 MICHIGAN AVE.

COMMODORE STOCKTON SKILLS SCHOOL

SPEED LIMIT 25 MICHIGAN AVE.



LOCATION MAP



PEDESTRIAN CONTROL 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

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

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

PHASE 1 OF 2	
TYPE OF CONSTRUCTION:	
AERIAL PLACEMENT	
JOB NUMBER: A01LK50	
PAGE: TC-1	OF TC-4
SCALE: 1:40	

MICHIGAN AVE. & N RYDE AVE.

-AERIAL CROSSING & GB PLACEMENT

WORK AREA 1 OF 3

PHASE 2 OF 2



ISSUE	DATE
1	06-05-19



WEST SIDE FWY.
(OVERPASS)

N RYDE AVE.

MICHIGAN AVE.
SPEED LIMIT 25

WEST SIDE FWY.
(OVERPASS)

N RYDE AVE.

ACCESS TO DRIVEWAYS MUST BE MAINTAINED AT ALL TIMES.

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

CONTACT TRANSIT AUTHORITY 72 HOURS PRIOR TO START OF WORK FOR TEMPORARY RELOCATION OF BUS STOP.

ALL TRAFFIC DEVICES WITHIN CALTRANS RIGHT OF WAY SHALL BE APPROVED BY CALTRANS

CONTACT COMMODORE STOCKTON SKILLS SCHOOL 72 HOURS PRIOR TO START OF WORK.

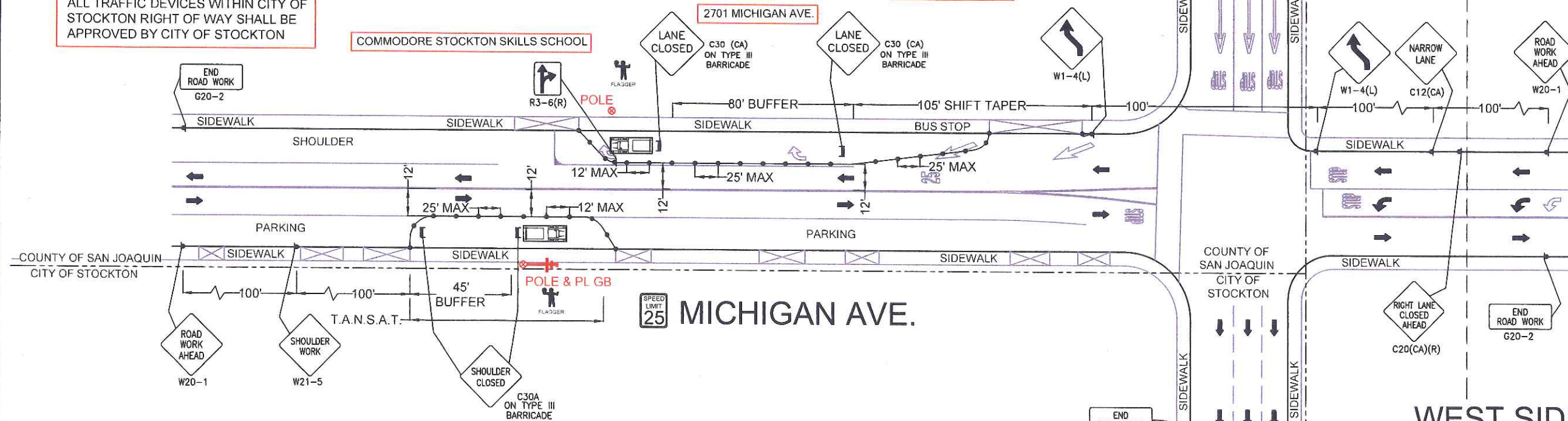
END SHIFT TAPER AT LANE ORIGIN

FOR TEMPORARY TRAFFIC BREAK ESTIMATED TIME OF COMPLETION IS 5 TO 10 MINUTES.

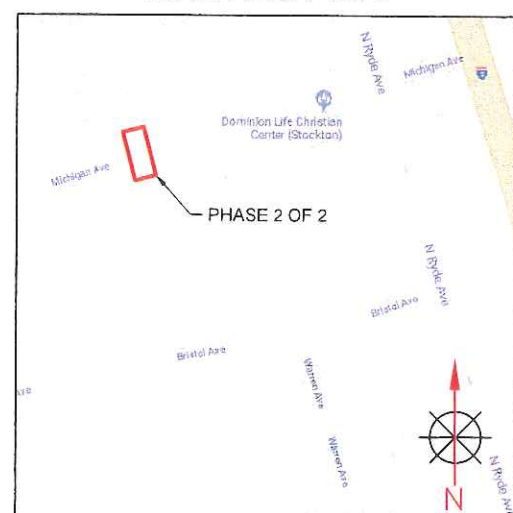
ALL TRAFFIC DEVICES WITHIN CITY OF STOCKTON RIGHT OF WAY SHALL BE APPROVED BY CITY OF STOCKTON

COMMODORE STOCKTON SKILLS SCHOOL

2701 MICHIGAN AVE.



LOCATION MAP



PEDESTRIAN CONTROL 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

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

LEGEND

- * = PORTABLE FLASHING BEACON (P.F.B.)
- W51 = TYPE III BARRICADE W/SIGN (5H x 4W)
- W52 = TYPE II BARRICADE W/SIGN (3H x 2W)
- 28" = 28" (11cm) TRAFFIC CONES W/ 13" (5cm) REFLECTIVE SLEEVE FOR DAY/NIGHT USE OR DELINEATORS IF DAY USE ONLY
- TC = TRAFFIC CONE WITH CLIP ON SIGN
- W1 = TYPE I W/SIGN
- W2 = EXISTING SIGN
- S = SIGNALIZED INTERSECTION
- AA = FLASHING ARROWBOARD
- HT = HIGH LEVEL WARNING DEVICE (FLAGTREE)
- FL = FLAGGER
- TANSAT = TOW AWAY NO STOPPING ANY TIME
- ED = EXISTING DRIVEWAY
- WZ = WORK ZONE (ACTIVITY AREA) LIMITS
- DT = DIRECTION OF TRAFFIC



MAINTAIN DRIVEWAY ACCESS AT ALL TIMES

PHASE 2 OF 2

TYPE OF CONSTRUCTION:
AERIAL CROSSING & GB PLACEMENT

JOB NUMBER: A01LK50

PAGE: TC-2 OF TC-4

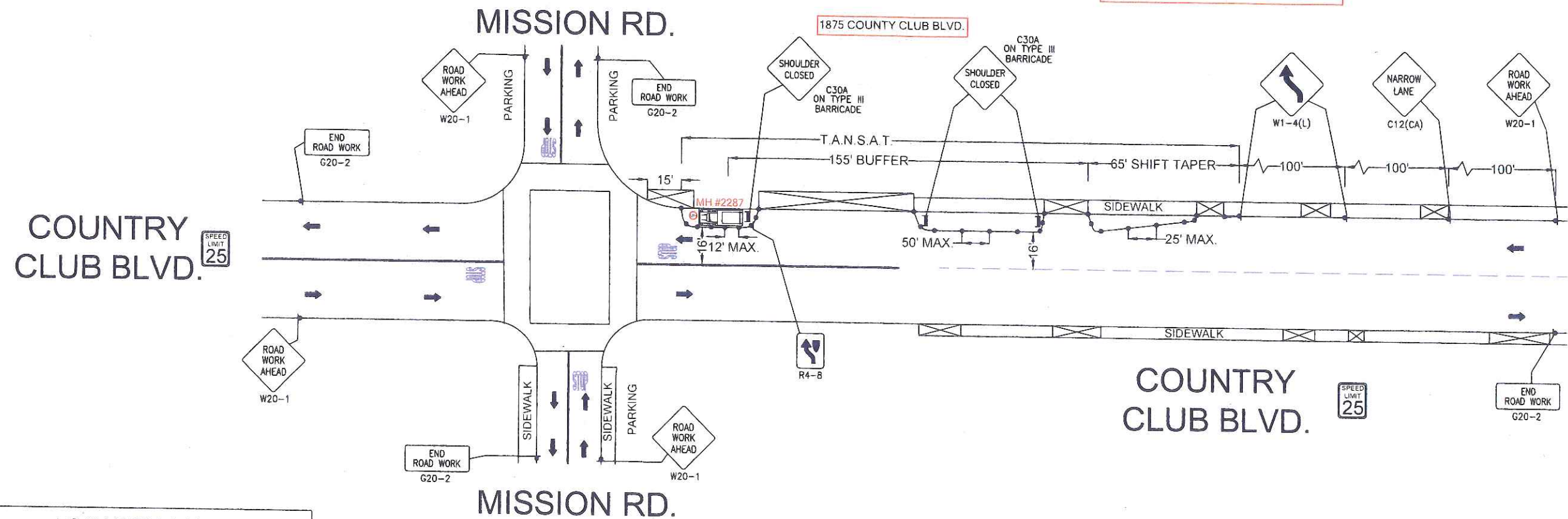
SCALE: 1:50

COUNTRY CLUB BLVD. & MISSION RD.
-MH #2287 ACCESS
WORK AREA 2 OF 3
UNDERGROUND

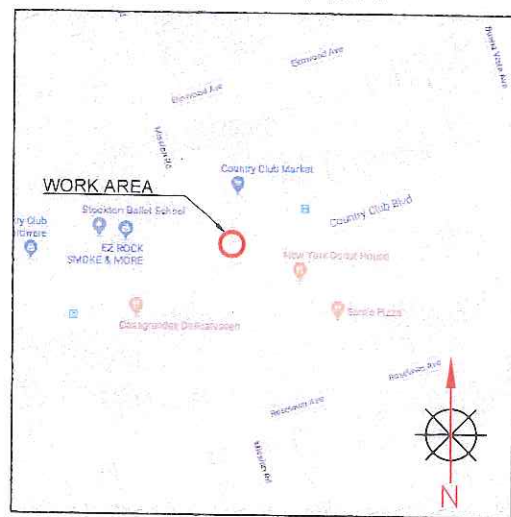
	ISSUE	DATE
	1	06-05-19

ACCESS TO DRIVEWAYS MUST BE MAINTAINED AT ALL TIMES.

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



LOCATION MAP



- 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



MAINTAIN DRIVEWAY ACCESS AT ALL TIMES

PHASE 1 OF 1		
TYPE OF CONSTRUCTION:		
MH #2287 ACCESS		
JOB NUMBER: A01LK50		
PAGE: TC-3	OF TC-4	SCALE: 1:50

ELMWOOD AVE. & N PERSHING AVE.

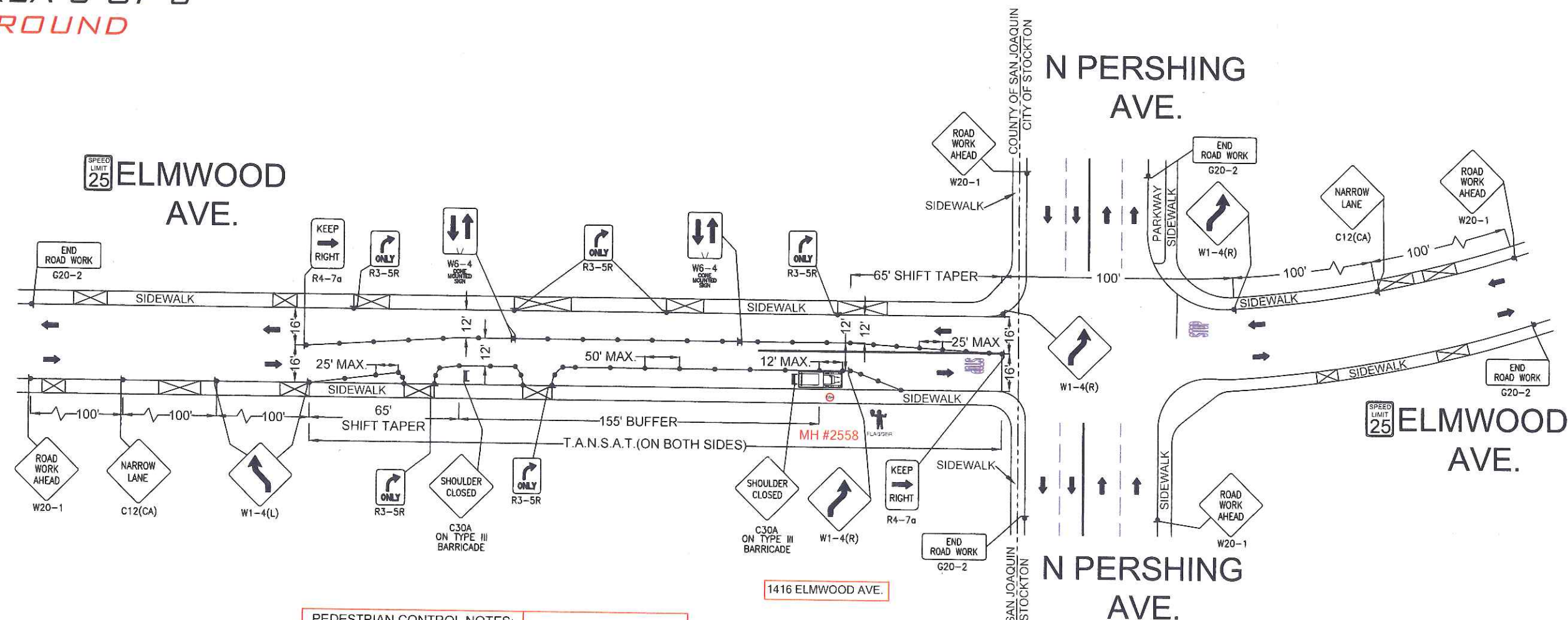
-MH #2558 ACCESS

WORK AREA 3 OF 3

UNDERGROUND



ISSUE	DATE
1	06-05-19



PEDESTRIAN CONTROL 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
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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

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

ACCESS TO DRIVEWAYS MUST BE MAINTAINED AT ALL TIMES.

ALL TRAFFIC DEVICES WITHIN CITY OF STOCKTON RIGHT OF WAY SHALL BE APPROVED BY CITY OF STOCKTON

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

LEGEND	
	= PORTABLE FLASHING BEACON (P.F.B.)
	= TYPE III BARRICADE W/SIGN (5H x 4W)
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	= WORK ZONE (ACTIVITY AREA) LIMITS
	= DIRECTION OF TRAFFIC



MAINTAIN DRIVEWAY ACCESS AT ALL TIMES

PHASE 1 OF 1	
TYPE OF CONSTRUCTION: MH #2558 ACCESS	
JOB NUMBER: A01LK50	
PAGE: TC-4	OF TC-4
SCALE: 1:50	

LOCATION MAP

