COUNTY OF SAN JOAQUIN

DEPARTMENT OF PUBLIC WORKS
P.0. BOX 1810-1810 E. HAZELTON AVENUE
STOCKTON, CALIFORNIA 95201
(209) 468-3000
FAX # (209) 468-9324

Permit No: **PS-1301417**
Date Issued: 05/24/2013
Exp. Date: 11/15/2013
Project No: PWP730052
Quad: NE

UE/CR/PM NO:PM 41872666

ENCROACHMENT PERMIT

To: PACIFIC GAS & ELECTRIC - SAN RAMON
6121 BOLLINGER CANYON ROAD
SAN RAMON, CA 94583

Encroachment Type:

Bore (over 6 inch Dia)			

Location:
VARIOUS LOCATIONS SEE ATTACHED DRAWING

In compliance with your request of **05/24/2013** , 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	SUBSECTION 3910	TRENCH CUTTING

Est. Permit Fee: $2,750.00

THOMAS M. GAU, Director
Department of Public Works

By: _____
Permit Section

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

APPLICATION FOR ENCROACHMENT PERMIT

PLEASE PRINT:

Date 4/24/13

To: San Joaquin County
Department of Public Works

PG&E c/o Tony Tam
(Applicant Name)

6121 Bollinger Canyon Rd.
(Mailing Address)

San Ramon, CA 94583
(City, State, Zip Code)

925-244-3494
(Area Code - Telephone Number)

OFFICE USE ONLY

JOB #	PwP 730052-10	REF #	
APN		CR #	
EXP. DATE	11-15-2013		
VALID	5-24-2013 TO 11-15-2013	DRIVEWAYS:	
STREET	Various	*	
AREA	Stockton QUAD ME	*	
TYPE	12" Bore	*	
FORMS	SS/WW, R29		
NOTES	Subsection 3910 Trench Cutting		

Sketch (Detailed plans may be submitted) PLEASE SEE ATTACHED DOCS

PM 41872666

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the WEST side of WHITE LANE approximately 200' (feet) mile SOUTH of E. PAMPY CT., by performing the following work (description of work):
POTHOLING TO INSPECT GAS TRANSMISSION LINES FOR DAMAGE FROM PRIOR UTILITY POLE INSTALLATIONS.

*ALSO APPLIES TO LOCATIONS ON E. MINER AVE & ROTH RD. (SEE DRAWINGS)

Work will commence on or about APRIL 29, 2013 for approximately 180 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.

T. Tam - ESTIMATOR
Signature of Applicant - Title

4/24/13
Date

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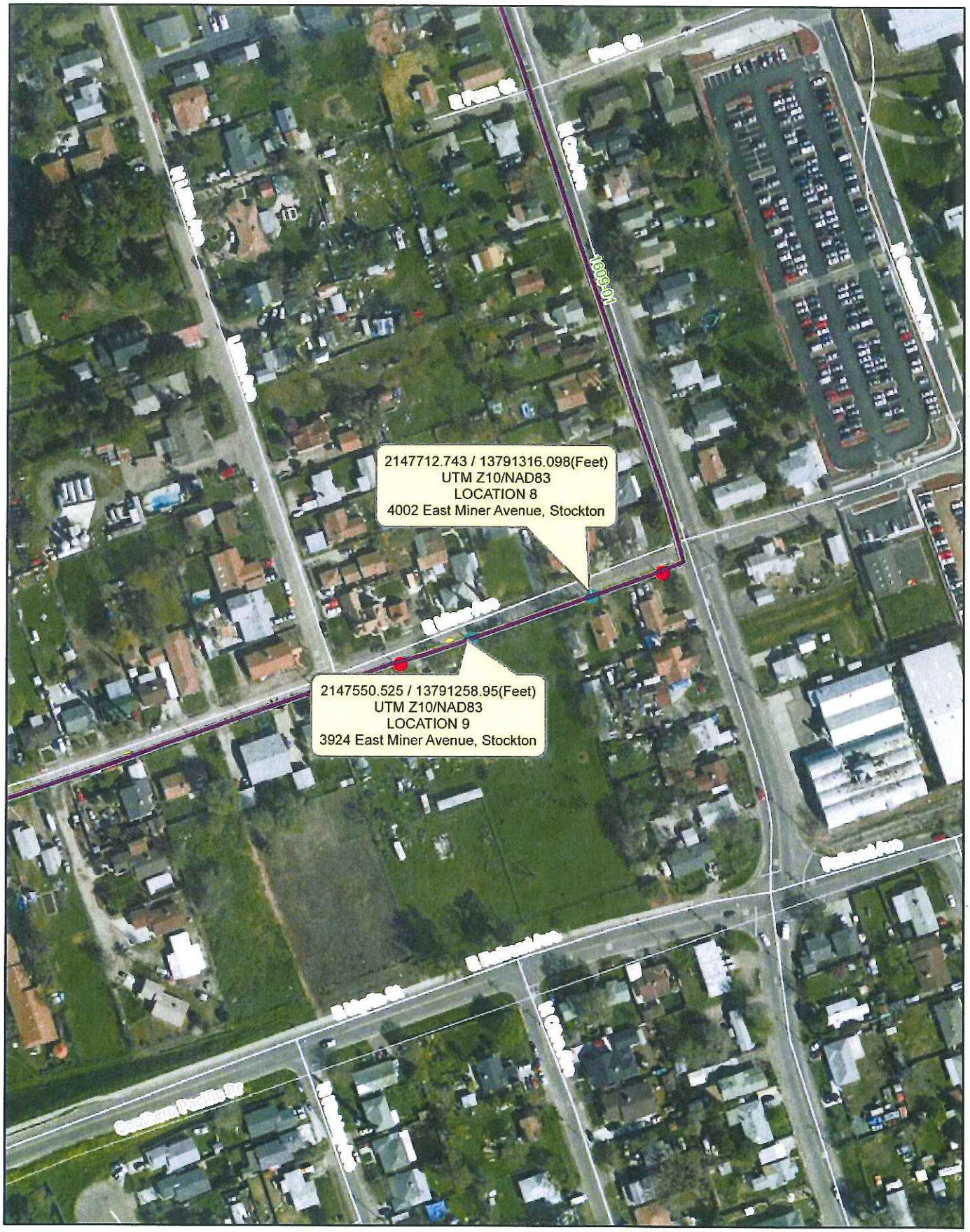
Gas Transmission & Distribution
System Integrity
Geographic Information Services

N
W E
S

04/10/2013
08:58 A1P1

1 inch = 273.919753 feet (approx.)



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Gas Transmission & Distribution
System Integrity
Geographic Information Services

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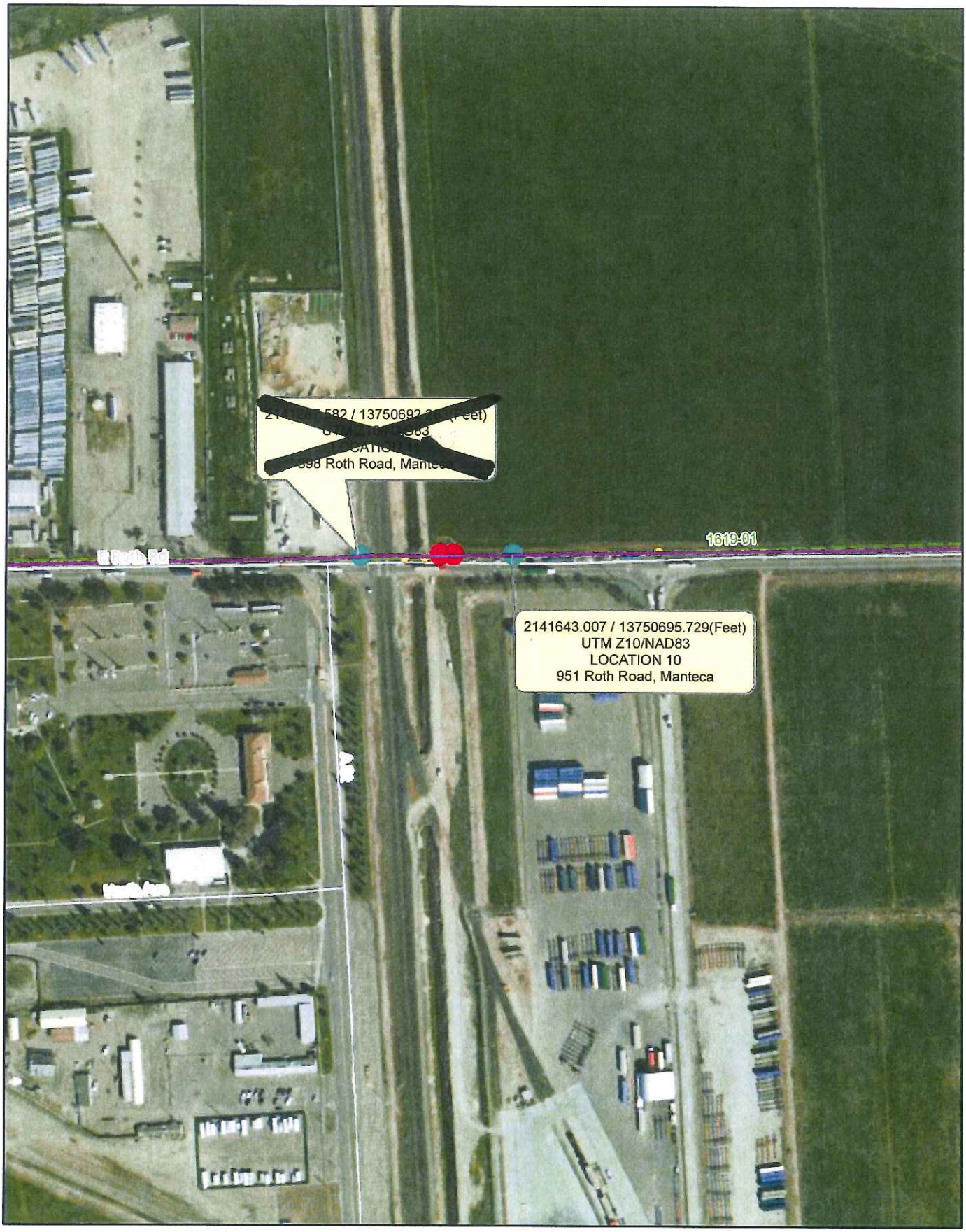
04/10/2013
09:26 A1P1

1 inch = 172.453704 feet (approx.)



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Gas Transmission & Distribution
System Integrity
Geographic Information Services

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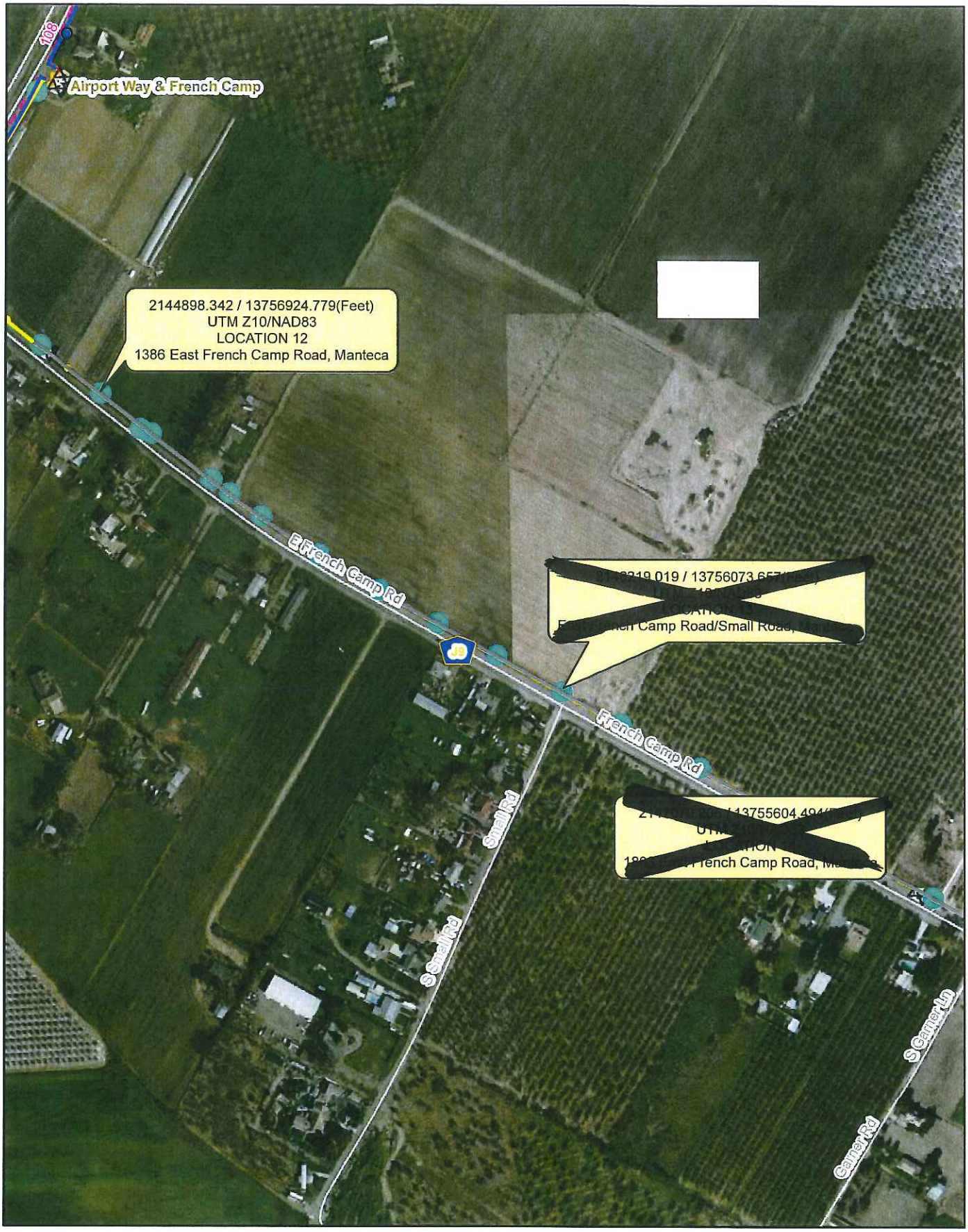
04/10/2013
09:05 A1P1

1 inch = 294.867015 feet (approx.)



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Gas Transmission & Distribution
System Integrity
Geographic Information Services

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04/10/2013
09:08 A1P1

1 inch = 366.170495 feet (approx.)

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Gas Transmission & Distribution
System Integrity
Geographic Information Services

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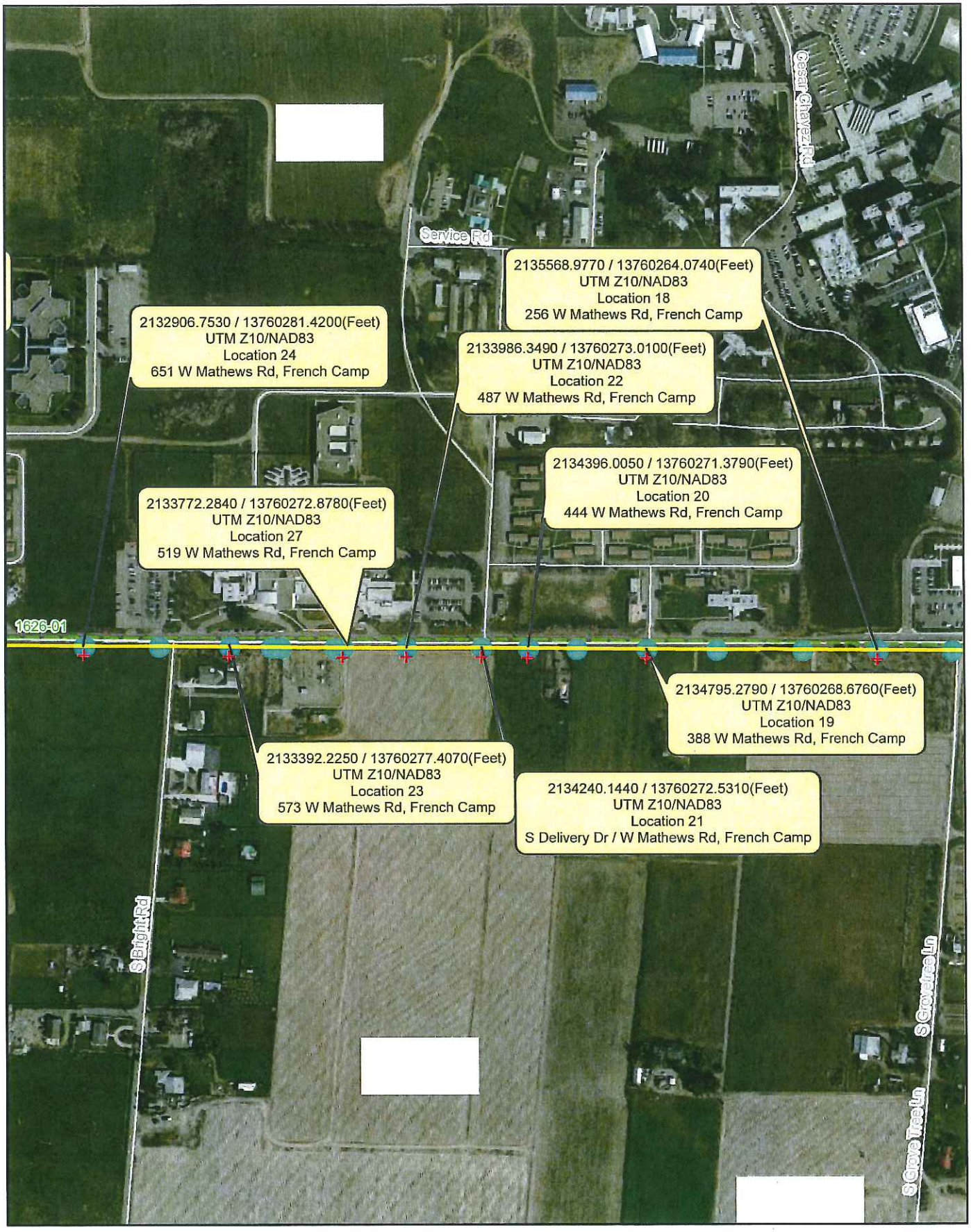
04/10/2013
09:23 A1P1

1 inch = 84.811975 feet (approx.)



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Gas Transmission & Distribution
System Integrity
Geographic Information Services

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W E
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04/25/2013
02:10 A1P1

1 inch = 429.3459 feet (approx.)

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Gas Transmission & Distribution
System Integrity
Geographic Information Services

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W E
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04/25/2013
02:13 A1P1

1 inch = 208.00812 feet (approx.)

DEPARTMENT OF PUBLIC WORKS

SECTION 3900: MISCELLANEOUS	SUBSECTION 3910 TRENCH CUTTING
ORIGINAL ISSUE DATE: April 6, 1984	

This trench cutting policy provides uniform guidelines and requirements for trenching within San Joaquin County right of way. It is intended to assist members of the public, private contractors, employees of the Department of Public Works, and any other parties trenching in San Joaquin County.

3910.1 GENERAL REQUIREMENTS

A. Resurfacing requirements specified in this policy are in addition to the trench resurfacing requirements specified by San Joaquin County Standard Drawing R-29.

B. For the purpose of this policy, "Surfacing Age" is defined as the age of the most recently completed roadway surfacing, including construction, reconstruction, or major overlay.

C. Where the application of seal coats is required, a Type II Slurry Seal will be used in accordance with State Standard Specifications, Section 37-2.

D. The permittee must post a one-year maintenance bond or cash deposit, in an amount specified by the Department.

E. All pavement markings destroyed or obliterated must be replaced in kind by the permittee. Typical pavement markings include, but are not limited to, lane lines, centerlines, stop and stop ahead legends, limit lines, raised pavement markers, and miscellaneous delineators.

F. The permittee is responsible for Survey Monuments disturbed by trenching and is required to file a corner record and to reestablish them using a Licensed Land Surveyor after the trench restoration is completed.

G. Functional classification maps and Public Works Project Advertising Schedules are references for this policy.

H. To facilitate scheduling and planning, Public Works staff will make available the most current Project Advertising Schedule at the monthly Utility Coordination Meeting and make it available to the public, at the Permits Counter, in January each year.

3910.2 COLLECTORS, ARTERIALS AND EXPRESSWAYS

A. Surfacing Age less than Three (3) Years: No pavement cuts. Exceptions may be approved in accordance with Section 3910.4 EXCEPTIONS.

B. Surfacing Age Three (3) Years and Over:

1. Longitudinal Trench Cutting in Paved Shoulder Areas:

The entire shoulder of the road is to be resurfaced. The existing surfacing adjacent to the trenched area shall be planed to accommodate the overlay in a manner that does not cause drainage concerns. The nearest pavement cut shall be a minimum of three (3) feet from the edge of pavement, or the remaining pavement shall also be removed and replaced. (SEE EXHIBIT 1: LONGITUDINAL CUTTING OF COUNTY ROADWAYS.)

2. Longitudinal Trenches within Traveled Lanes:

The entire traveled lane where the trench is located is to be resurfaced with a one (1) inch asphalt concrete overlay. The existing surfacing adjacent to the trenched area shall be planed to accommodate the overlay in a manner that does not cause drainage concerns. The overlay shall be in accordance with State Standard Specifications, Section 39. Aggregate gradation shall be consistent with the existing surfacing material. (See EXHIBIT 1: LONGITUDINAL CUTTING OF COUNTY ROADWAYS.)

3. Cross-Cutting:

Cross-cutting is allowed at a minimum interval of one hundred fifty (150) feet. At each cross-cut location a minimum of ten (10) feet each side of trench shall be planed and resurfaced with one (1) inch asphalt concrete. If cross cuts are within the 150 feet minimum interval, the entire section between the first and last cross cut shall be planed and resurfaced with one (1) inch asphalt concrete. (See EXHIBIT 2: CROSS CUTTING OF COUNTY ROADWAYS.)

4. The conditions described in paragraphs 1, 2 and 3 above will not apply if resurfacing is scheduled within two years.

X 3910.3 LOCAL ROADS

A. Surfacing Age Under Three (3) Years: No pavement cuts allowed. Exceptions may be approved in accordance with Section 3910.4 EXCEPTIONS.

X B. Surfacing Age Three (3) to Five (5) Years:

1. Longitudinal cuts are permitted. A seal coat is required for that half of the roadway containing the trench. (See EXHIBIT 1: LONGITUDINAL CUTTING OF COUNTY ROADWAYS.)

2. Cross-cutting is allowed under the same conditions as Section 3910.2B-3. If cross cuts occur within the 150 feet minimum interval, resurfacing may be substituted with a slurry seal for that half of the roadway. (See EXHIBIT 2: CROSS CUTTING OF COUNTY ROADWAYS.)

3910.4 EXCEPTIONS

Excavation is prohibited in newly renovated County roadways for three (3) years after a notice of completion has been filed for a roadway improvement project, or a new roadway has been accepted. The Director of Public Works may approve exceptions that are in the best interest of the public, including but not limited to:

A. An emergency that endangers life or property.

B. For repair or modification to prevent interruption of essential utility service.

C. For relocation work that is mandated by County, State or Federal law.

D. For service for buildings where no other reasonable means of providing service exists.

E. For potholing to verify utility depth or location.

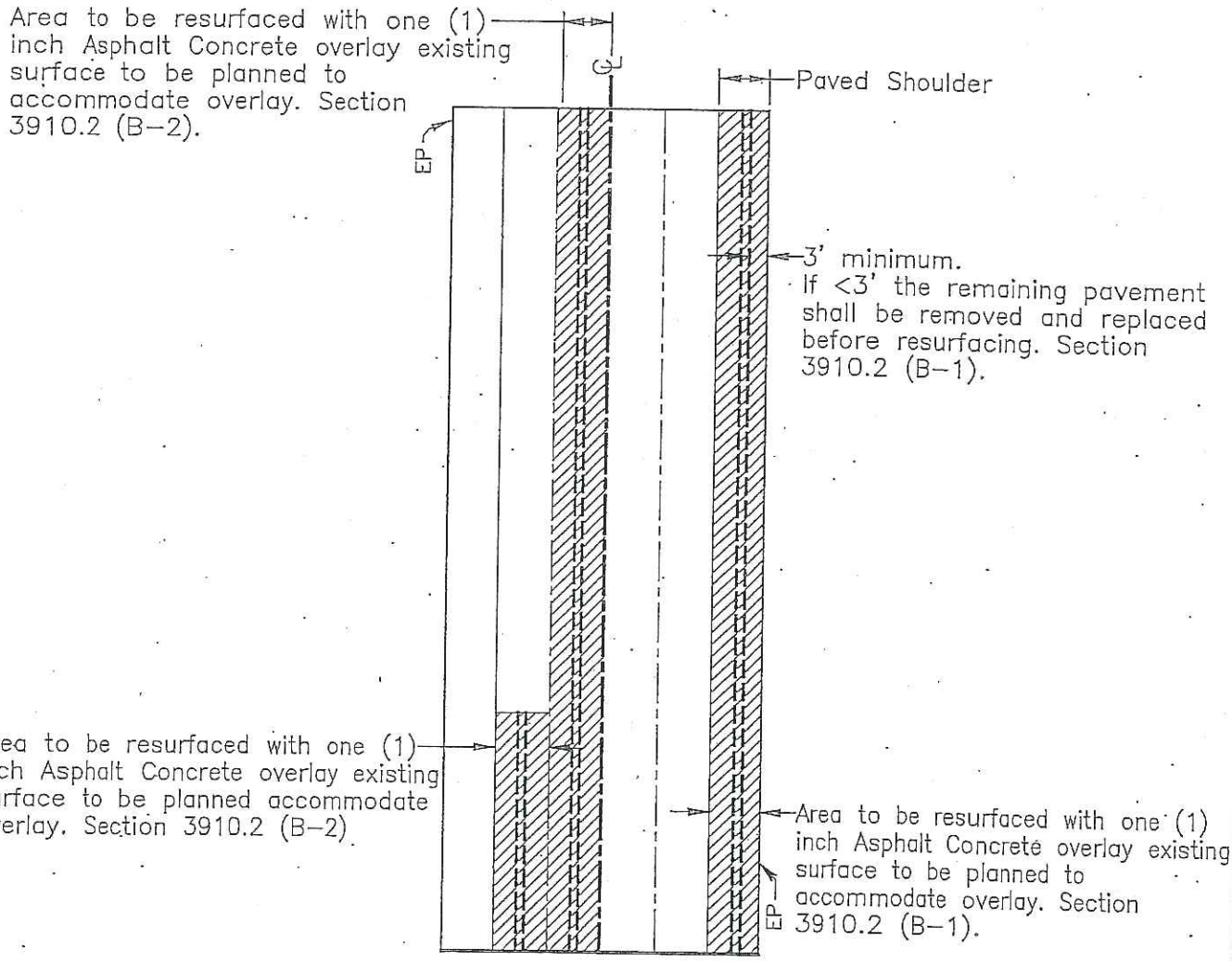
F. For trenchless excavations greater than three feet in depth of cover over the utility facility, and not requiring a significant surface incision greater than industry bore pit standards.

Exceptions must be requested and submitted in writing to the Department. Payment of a non-refundable processing fee is also required. Exceptions will be reviewed using the Department's Action Approval process, which requires the recommendation of a Deputy Director.

NOTES:

EXHIBIT 1

1. The resurfacing requirements shall be in addition to County Standard Drawing No. R-29.
2. If longitudinal cuts are required on a Local Road a Seal Coat can be used for that half of the roadway containing the trench. Section 3910.3 (B-1).



Public Works
San Joaquin County
Working for YOU

LONGITUDINAL CUTTING OF COUNTY ROADWAYS

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

Drawn by: TRC | Checked by: | Date: 8/24/12

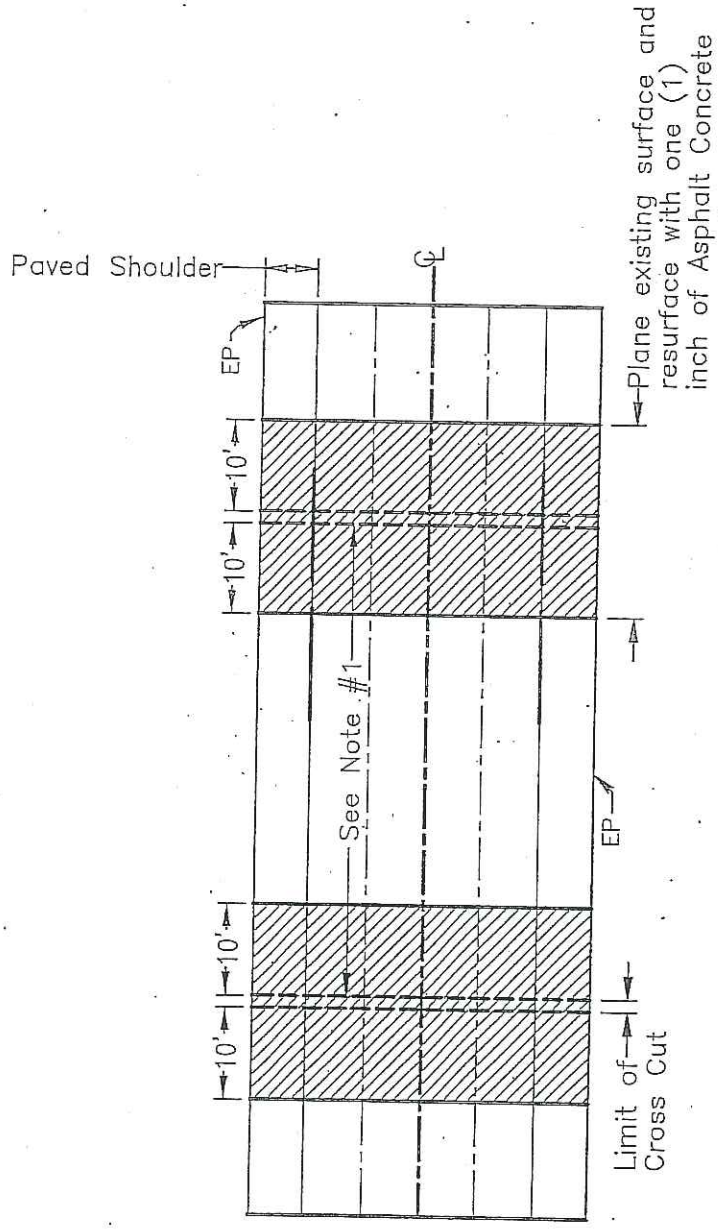
Approved by:

No.	Revision Description	Date

NOTES:

EXHIBIT 2

1. If the distance between cross–cuts are less then 150' the entire area between cross–cuts shall be planed and resurfaced with one (1) inch of Asphalt Concrete.
2. The resurfacing requirements shall be in addition to County Standard Drawing No. R–29.
3. Resurfacing for Bell Holes shall meet these requirements. If excavation occurs within the shoulder or lane, only that area shall be resurfaced as shown.
4. If cross–cutting is performed on Local Roads at intervals less then 150' a Seal Coat for that half of the roadway containing the trench can be used in lieu of resurfacing. Section 3910.3 (B–2).



Public Works
San Joaquin County
Working for YOU

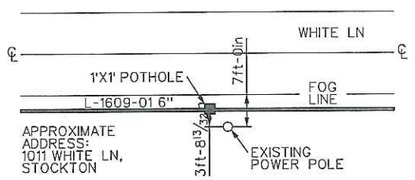
CROSS CUTTING OF COUNTY ROADWAYS

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

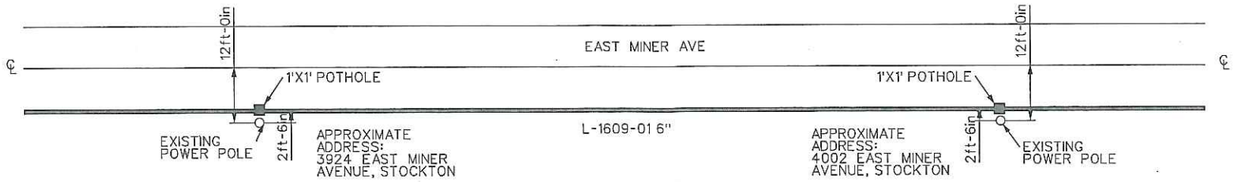
Drawn by: TRC | Checked by: | Date: 8/24/12

Approved by:

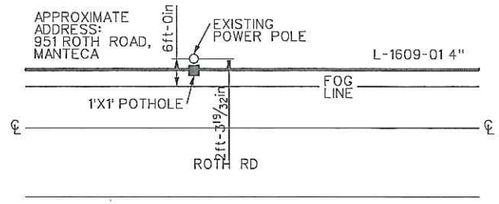
No.	Revision Description	Date



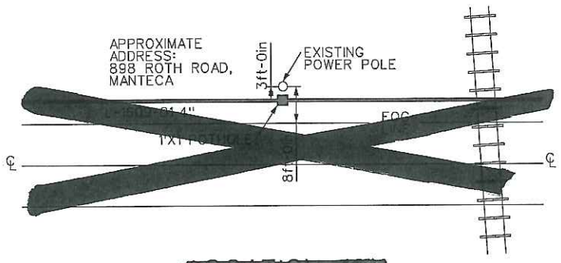
LOCATION 4



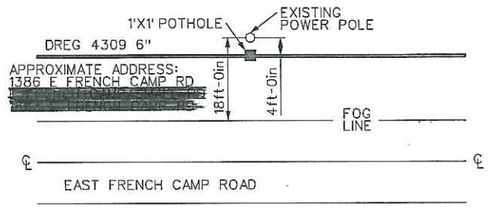
LOCATION 8/9



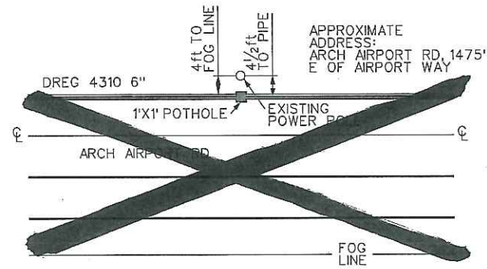
LOCATION 10



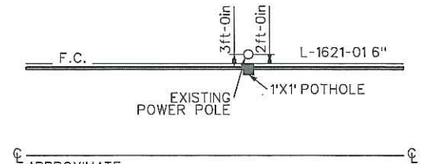
LOCATION 11



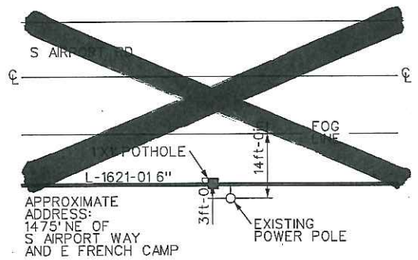
LOCATION 12, TYPICAL



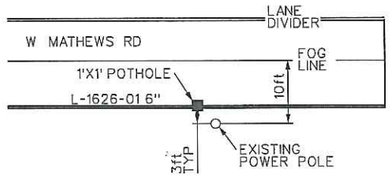
LOCATION 13



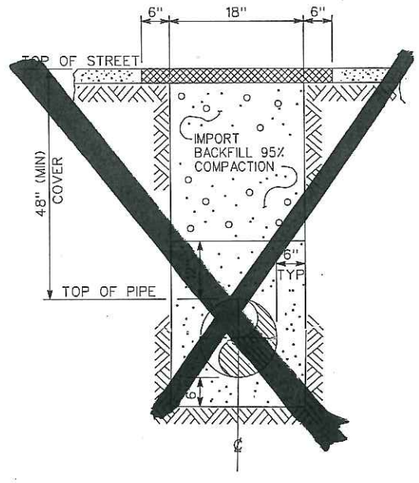
LOCATION 16



LOCATION 17



LOCATION 18-27 TYPICAL



TYP "T" TRENCH OR PAVED AREA

CALL 811 UNDERGROUND SERVICE ALERT OF NORTHERN CALIFORNIA AND NORTHERN NEVADA

NO.	DATE	DESCRIPTION	GM/SPEC	DWN	CHKD	SUPV	APVD BY
0	5/9/2013	ISSUED FOR CONSTRUCTION	41872666	T1TJ			

REVISIONS

APPROVED BY	
GM	41872666
SUPV	R.SOSA
DSGN	T.TAM
DWN	T.TAM
CHKD	T.TAM
OK	
DATE	5/9/2013
SCALES	NOT TO SCALE

PSRS# 1234

PIPING - SECTIONS & DETAILS
DFM 1609-01 STOCKTON
VARIOUS, SAN JOAQUIN COUNTY

PACIFIC GAS AND ELECTRIC COMPANY
WALNUT CREEK, CALIFORNIA

SAFETY

SAFETY PLEDGE

I ALWAYS PUT SAFETY FIRST.
I LOOK FOR AND ACT TO RESOLVE UNSAFE SITUATIONS.
I HELP AND ENCOURAGE OTHERS TO ACT SAFELY.

PSRS

MICROFILM	
BILL OF MATL	
DWG LIST	
SUPSDS	
SUPSD BY	
SHEET NO. 1 OF 1	SHEETS

41872666 | 0

41872666 - Final.dgn | 5/9/2013 | 10:28:19 AM | Date-Name_Stamp.tbl

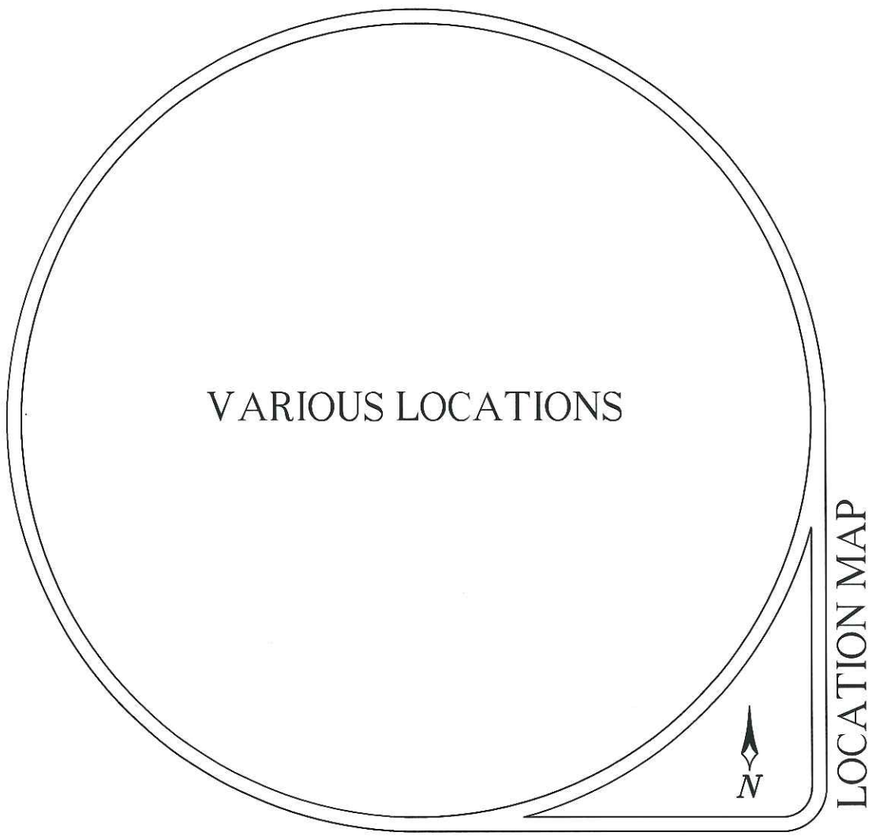
TRAFFIC CONTROL PLANS

DFM1609-01

SAN JOAQUIN COUNTY, CALIFORNIA

PM41872666

VARIOUS LOCATIONS



LOCATION MAP

CONTRACTOR

Pacific Gas and Electric Company

CONTACT TONY TAM

PHONE# (925) 244-3494

WORKING HOURS 8:00AM-3:30PM MON-FRI

CONSULTANT

ALMENDARIZ CONSULTING, INC.
1136 SUNCAST LN STE 9
EL DORADO HILLS, CA 95762
(888) 306-1211 OFFICE
(888) 768-7022 FAX
CA C31 LIC #979806

REVISIONS			
REV.	DESCRIPTION	BY	DATE
1	PLAN CHECK COMMENTS	JL	5-22-13

PROJECT NO. 13282
DRAWN CAA
DESIGNED DC
CHECKED MAA

DATE
MAY 10, 2013

SHEET COVER

GENERAL NOTES

1. NOTHING ALLOWED IN THE BUFFER AND TRANSITION AREAS AT ALL TIMES.
2. SIGNS ARE ONLY SHOWING TO THE PUBLIC WHEN IN USE.
3. SIGNS AND CHANNELIZING DEVICES MUST BE RETROREFLECTIVE OR ILLUMINATED DURING NIGHT OPERATIONS.
4. SIGN PANEL SIZES: 36"X36" MIN. ON ROADS <50mph, 48"x48" ON ROADS ≥ 50mph.
5. SIGNS ARE SPACED PER THE CALIFORNIA MUTCD MANUAL AND SAN JOAQUIN COUNTY STANDARDS.
6. CHANNELIZING DEVICES SPACING AND TAPER LENGTHS ARE BASED ON THEIR RESPECTIVE CHARTS. (SEE CHARTS THIS PAGE)
7. NOTIFY THE LOCAL LAW ENFORCEMENT, FIRE, AND AMBULANCE COMPANIES WITHIN 24 HOURS BEFORE CONSTRUCTION BEGINS.
8. CONTRACTOR TO MAKE SURE ALL TRAFFIC CONTROL EQUIPMENT MEETS ALL COUNTY REQUIREMENTS.
9. REMOVE ALL CONFLICTING MARKINGS FOR LONG TERM OPERATIONS (3 DAYS OR LONGER).
10. THE LOCATION OF THE SIGNS AS SHOWN ON THE ILLUSTRATIONS ARE GUIDELINES AND ACTUAL LOCATIONS WILL DEPEND UPON ALIGNMENT, GRADE, LOCATION OF STREET INTERSECTIONS AND 85TH % TILE/POSTED SPEED LIMITS/OR PRIMA FACIE.
11. WHILE CROSSING INTERSECTIONS DURING MOBILE WORK, WORK MUST FOLLOW THE FLOW OF TRAFFIC AND PROCEED ON A GREEN LIGHT.
12. FULL COMPLIANCE IS REQUIRED WITH THE COUNTY AGENCY.(AFFECTS NOTES #20 THRU 22, BELOW)
13. PEDESTRIAN ACCESS BE MAINTAINED AS PER THE 2012 CA MUTCD STANDARDS AND ADA REQUIREMENTS.
14. C30 SIGNS ARE PERMITTED IN BUFFER AREAS.
15. SIGN SPACING IS PROVIDED IN THE MUTCD 2012 EDITION, PART 6. TRAFFIC SPEEDS ARE BASED UPON RADAR MEASUREMENTS OF MOTORISTS. THE MUTCD ALLOWS FOR A "RANGE" IN SIGN PLACEMENT AND WILL BE PROVIDED BY DOT. THE 85TH% TILE IS USED WHEN AVAILABLE TO PROVIDE A MORE ACCURATE REPRESENTATION OF MOTORISTS SPEEDS.
16. ANY WORK WITHIN 200 FT OF A SIGNALIZED INTERSECTION WILL REQUIRE CONTACT AND COORDINATION WITH COUNTY AGENCY PRIOR TO ANY WORK.
17. QUALITY STANDARD TO MEET REQUIREMENTS OF SECTION 1A-2 OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND SAN JOAQUIN STANDARDS.
18. ALL TRAFFIC CONTROL DEVICES INCLUDING: SIGNS, BARRICADES, VERTICAL PANELS, DRUMS, WARNING LIGHTS, ARROWBOARDS, CHANGEABLE MESSAGE SIGNS, CONES AND TUBULAR MARKERS THAT MEET THE REQUIREMENTS OF AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA). "CA MUTCD 2012" SHALL BE USED ON THIS PROJECT/THIS WORK.
19. THE NCHRP REPORT 476 PROVIDES GUIDELINES FOR DESIGN AND OPERATION OF NIGHTTIME TRAFFIC CONTROL FOR HIGHWAY MAINTENANCE AND CONSTRUCTION. SEE TYPICAL APPLICATIONS NWTA-1 THROUGH NWTA-7. COMPLY WITH ANSI 107-2004 FOR APPAREL. HIGHWAY CONSTRUCTION WORK LIGHTING SHALL BE PER CONSTRUCTION SAFETY ORDER 1523 (CALIFORNIA CODE OF REGULATIONS TITLE 8, DIVISION1, CHAPTER 4, SUBCHAPTER 4, ARTICLE 3, SECTION 1523 - ILLUMINATIONS).
20. SIDEWALKS AT THE CONSTRUCTION LOCATION MAY BE CLOSED WITH ADEQUATE DETOURS. SIDEWALKS MAY ONLY BE CLOSED TO THROUGH TRAFFIC AND SHALL NOT PREVENT LOCAL PEDESTRIANS ACCESS. DETOURS SHALL NOT INCREASE THE PATH OF TRAVEL BY MORE THAN 500 FT. DETOUR ROUTES SHALL BE LIMITED TO EXISTING SIDEWALKS, PRIVATE PROPERTIES (SEE BELOW REQUIREMENTS) AND CROSSINGS AT ROADWAY INTERSECTIONS. TO THE MAXIMUM EXTENT FEASIBLE, THE ALTERNATE CIRCULATION PATH SHALL BE PROVIDED ON THE SAME SIDE OF THE STREET AS THE DISRUPTED ROUTE. WHERE IT IS FEASIBLE TO PROVIDE A SAME-SIDE ALTERNATE CIRCULATION PATH AND PEDESTRIANS WILL BE DETOURED. SECTION 6D.02 OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS 2012 EDITION (MUTCD) APPROVED FOR CALIFORNIA, SPECIFIES THAT THE ALTERNATE PATH PROVIDE A SIMILAR LEVEL OF ACCESSIBILITY TO THAT OF THE EXISTING DISRUPTED ROUTE . THIS MAY INCLUDE THE INCORPORATION OF ACCESSIBLE PEDESTRIAN SIGNALS (APS), CURB RAMPS, OR OTHER ACCESSIBILITY FEATURES.
21. PEDESTRIANS MAY BE DETOURED ONTO PRIVATE PROPERTY ONLY IF WRITTEN PERMISSION FROM THE PROPERTY OWNER IS OBTAINED ALONG WITH DOCUMENTATION INDICATING THAT THE COUNTY WOULD NOT BE LIABLE (HOLD HARMLESS) IN THE EVENT OF AN ACCIDENT.
22. DURING WORK HOURS, AT LEAST ONE WORKER SHALL BE ASSIGNED WITH THE RESPONSIBILITY TO ESCORT ELDERLY, DISABLED OR ANY OTHER PEDESTRIANS IN NEED OF ASSISTANCE THROUGH THE CONSTRUCTION SITE. A WORKER ASSIGNED WITH THIS RESPONSIBILITY MAY ALSO PARTICIPATE IN OTHER CONSTRUCTION ACTIVITIES; HOWEVER, THE ASSIGNED WORKER SHALL BE AWARE OF HIS OR HER RESPONSIBILITIES FOR PROVIDING THIS ASSISTANCE. MEASURES THAT SIMPLY CLOSE THE SIDEWALK, WITH THE EXCEPTION THAT PEDESTRIANS WILL CROSS SOMEWHERE ELSE DOES NOT ADEQUATELY SATISFY PEDESTRIAN ACCESS. PEDESTRIANS SHOULD NEVER BE DIRECTED/ EXPECTED TO CROSS A MULTI-LANE ROADWAY AT ANY LOCATION OTHER THAN AT A SIGNAL (OR ALL-WAY STOP). ACCOMMODATIONS SHOULD BE MADE ON THE SAME SIDE OF ROADWAY AS WORK.

TABLES CHART

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

Both are based on.
1.) 85th % Tile or if not available, then use
2.) Posted Speed Limit (PSL)

L = Taper Length
S = Speed
W = Width (Offset from path of travel

*Cones shown on the templates are illustration purposes only. Exact number of cones required shall be based on cone spacing, taper lengths, actual field conditions, etc..

MUTCD 2012 TABLE 6C-1

MEANING OF LETTER CODES ON TYPICAL APPLICATION DIAGRAMS

ROAD TYPE	DISTANCE BETWEEN SIGNS		
	A	B	C
URBAN (LOW SPEED) - 25 MPH OR LESS	100 FEET	100 FEET	100 FEET
URBAN (LOW SPEED) - MORE THAN 25 MPH TO 40 MPH	250 FEET	250 FEET	250 FEET
URBAN (HIGH SPEED) - 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

FIELD NOTES

1. FIELD TECHNICIANS SHALL NOT DEVIATE FROM THE BASE DESIGN SHOWN IN THESE PLANS UNLESS DIRECTED OR SUPERVISED BY THE COUNTY FIELD INSPECTOR.

REVISIONS			
REV.	DESCRIPTION	BY	DATE
1	PLAN CHECK COMMENTS	JL	5-22-13

PROJECT NO. 13282
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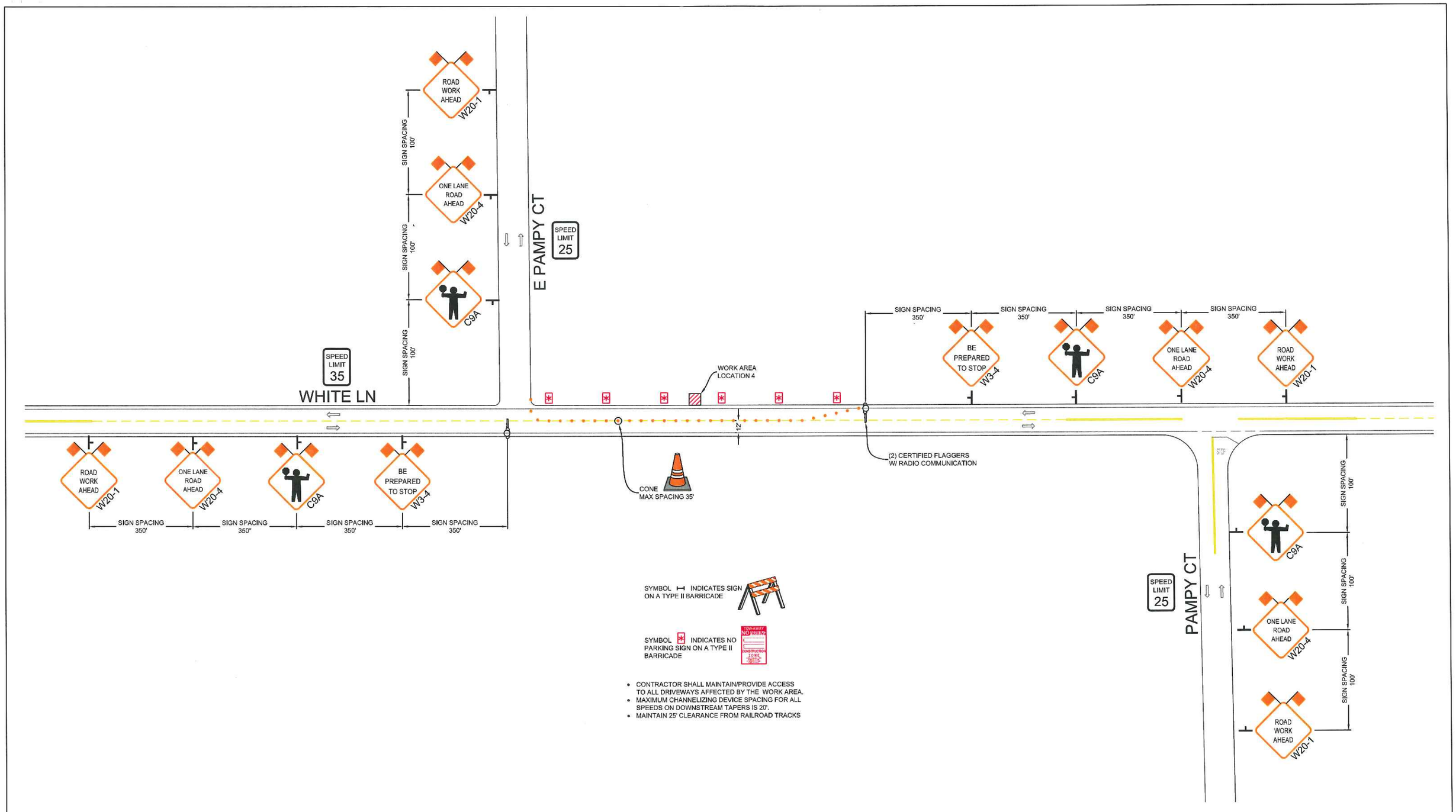
DATE
MAY 10, 2013

SHEET NOTES



- CONTRACTOR SHALL MAINTAIN/PROVIDE ACCESS TO ALL DRIVEWAYS AFFECTED BY THE WORK AREA.
- MAXIMUM CHANNELIZING DEVICE SPACING FOR ALL SPEEDS ON DOWNSTREAM TAPERS IS 20'.
- MAINTAIN 25' CLEARANCE FROM RAILROAD TRACKS

REVISIONS			
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PM41872666

ROADS < 50 MPH:
MINIMUM 36" SIGN PANELS
(48" SIGNS MAY BE USED)

ROADS ≥ 50 MPH:
MINIMUM 48" SIGN PANELS

ALMENDARIZ CONSULTING INC
1144 SUNCAST LN STE 1
EL DORADO HILLS, CA 95762
(888) 306-1211 OFFICE (888) 768-7022 FAX
CA C31 LIC #979806

LOCATION 1386 E. FRENCH CAMP ROAD, SAN JOAQUIN COUNTY, CA

Pacific Gas and Electric Company

CONTACT TONY TAM
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WORKING HOURS 8:00AM-3:30PM MON-FRI

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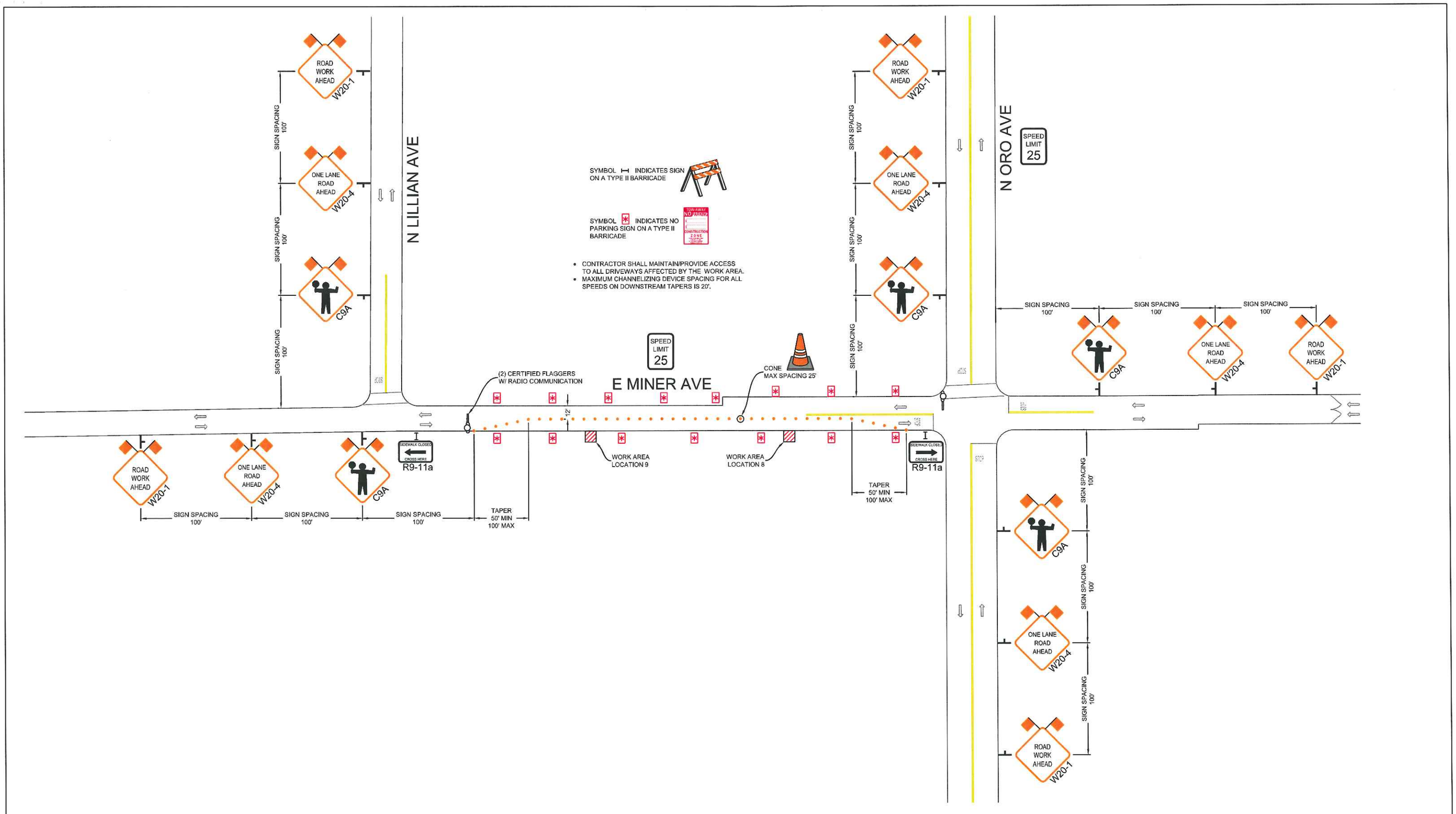

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LOCATION 3924, 4002 E MINER AVE, SAN JOAQUIN, CA

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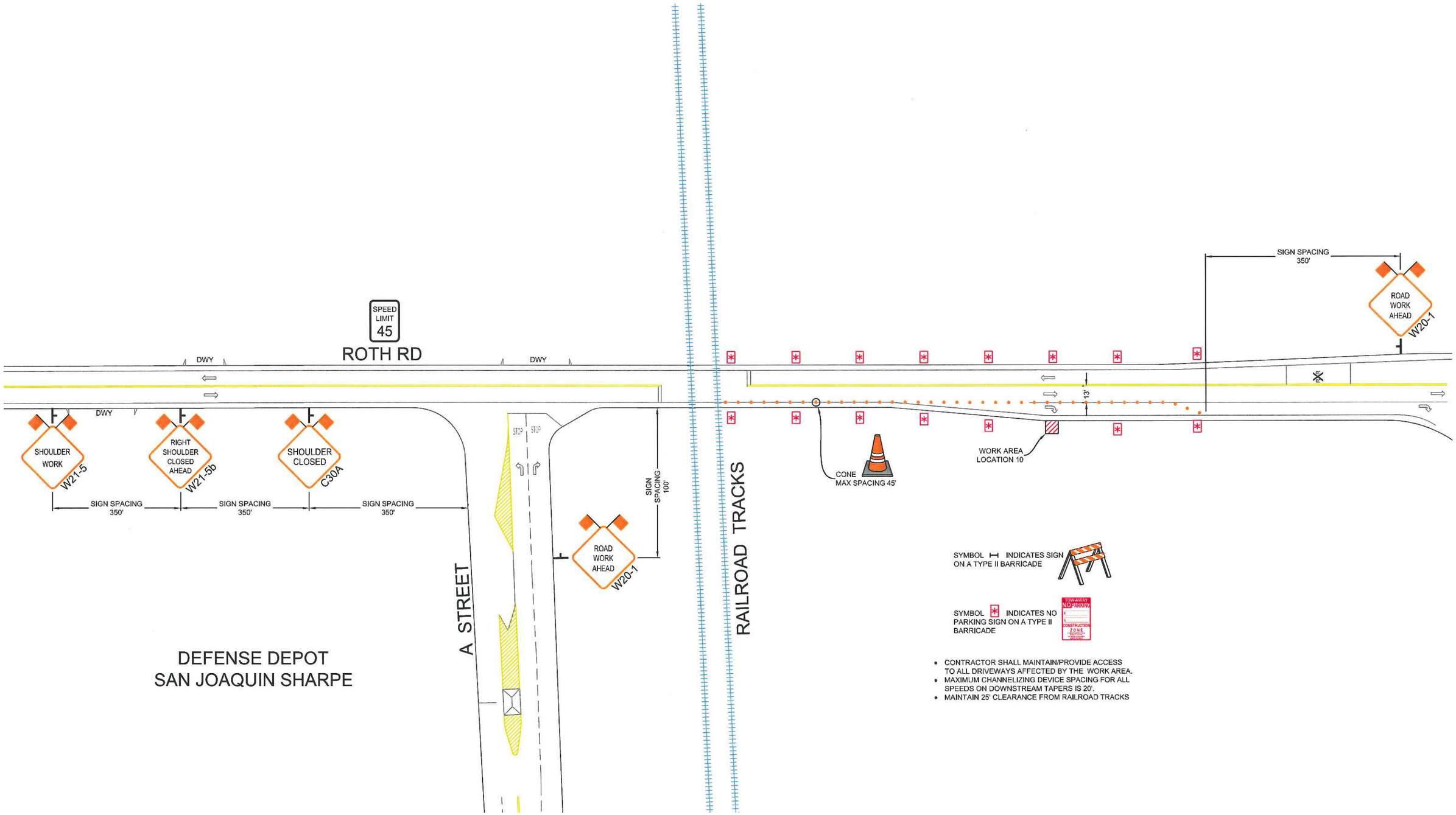

SYMBOL ⊢ INDICATES SIGN ON A TYPE II BARRICADE

SYMBOL ✱ INDICATES NO PARKING SIGN ON A TYPE II BARRICADE

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LOCATION 898M 951 ROTH ROAD, SAN JOAQUIN COUNTY, CA

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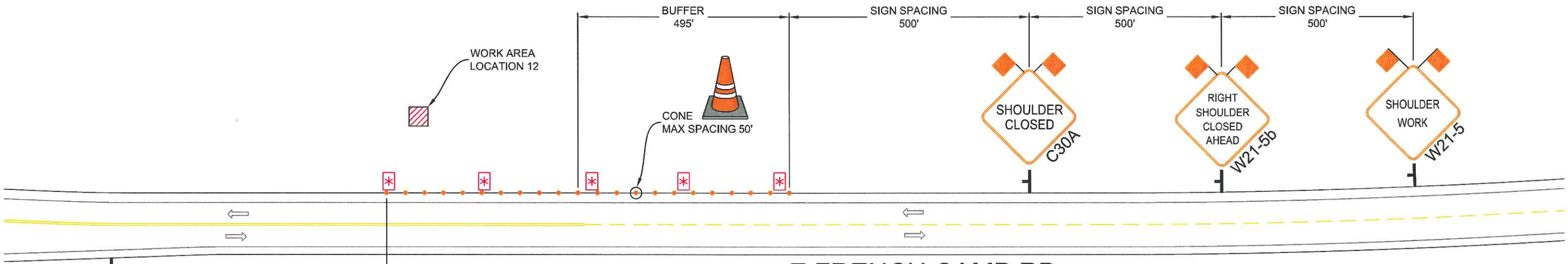

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LOCATION 1386 E FRENCH CAMP, SAN JOAQUIN COUNTY, CA

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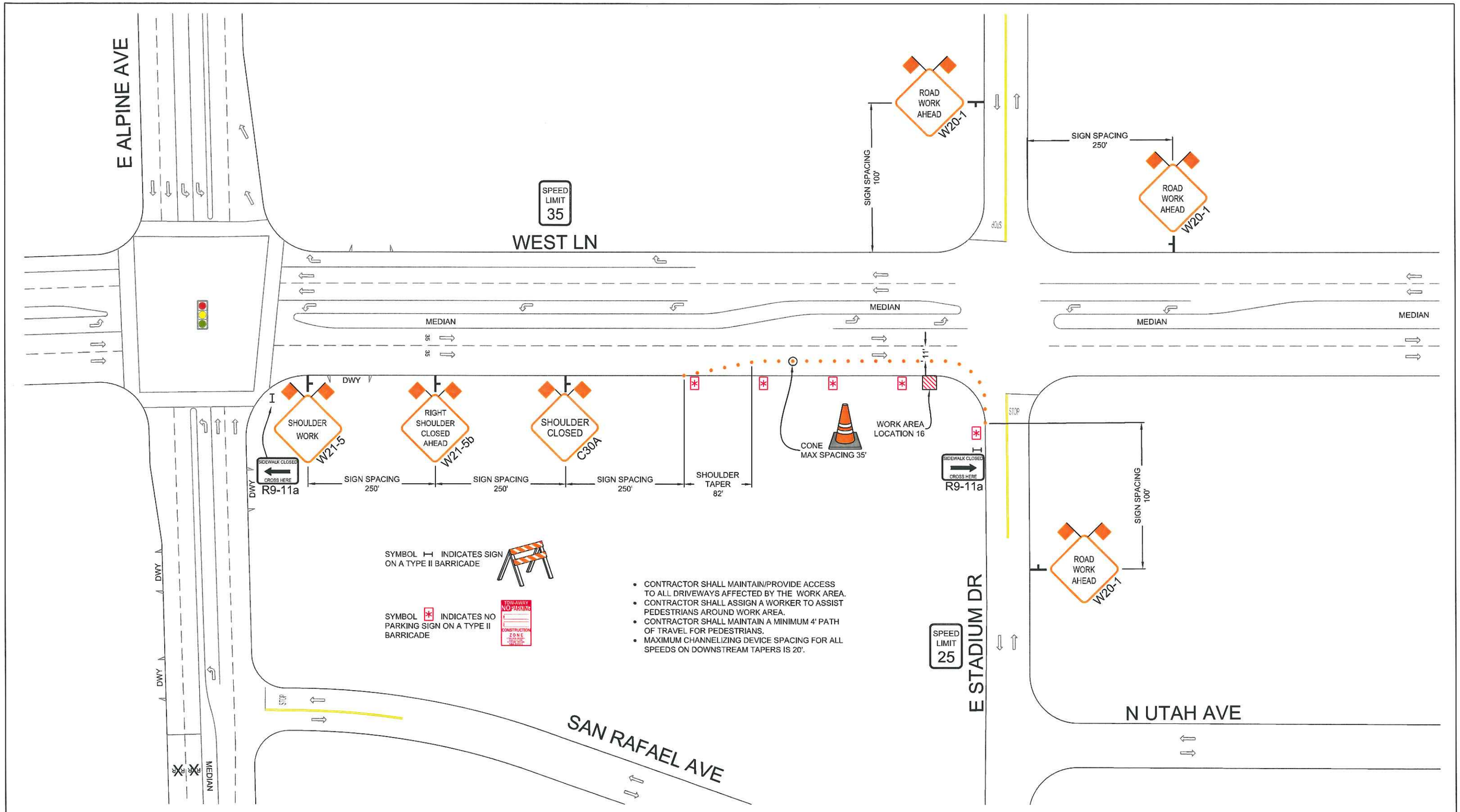

- CONTRACTOR SHALL MAINTAIN/PROVIDE ACCESS TO ALL DRIVEWAYS AFFECTED BY THE WORK AREA.
- CONTRACTOR SHALL ASSIGN A WORKER TO ASSIST PEDESTRIANS AROUND WORK AREA.
- CONTRACTOR SHALL MAINTAIN A MINIMUM 4' PATH OF TRAVEL FOR PEDESTRIANS.
- MAXIMUM CHANNELIZING DEVICE SPACING FOR ALL SPEEDS ON DOWNSTREAM TAPERS IS 20'.

REVISIONS

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EL DORADO HILLS, CA 95762
(888) 306-1211 OFFICE (888) 768-7022 FAX
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LOCATION WEST LN, STOCKTON, CA

Pacific Gas and Electric Company

CONTACT TONY TAM
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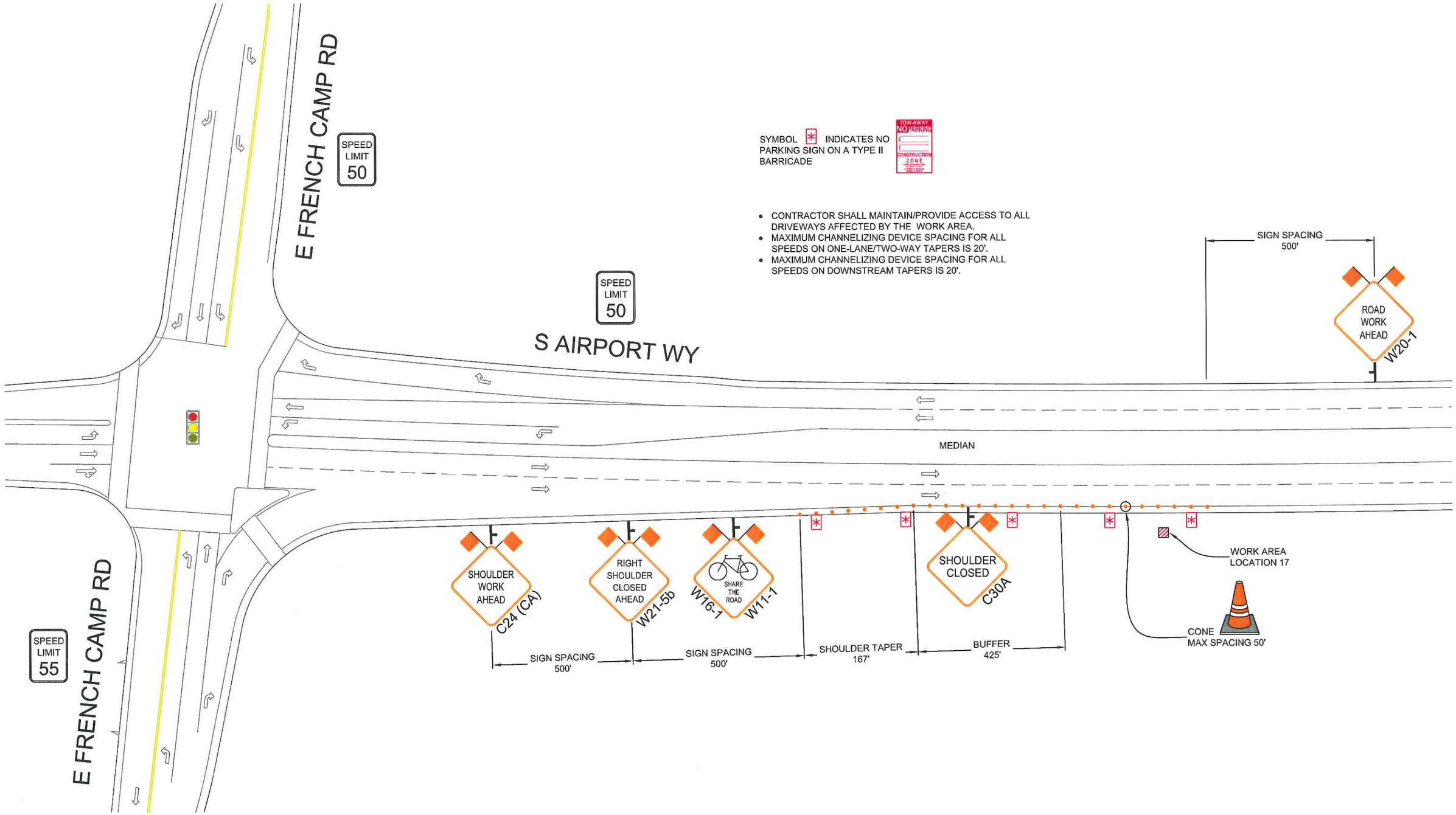

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LOCATION S AIRPORT WAY, FRENCH CAMP, CA

Pacific Gas and Electric Company

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LANE SHIFT
FOR LOC 18

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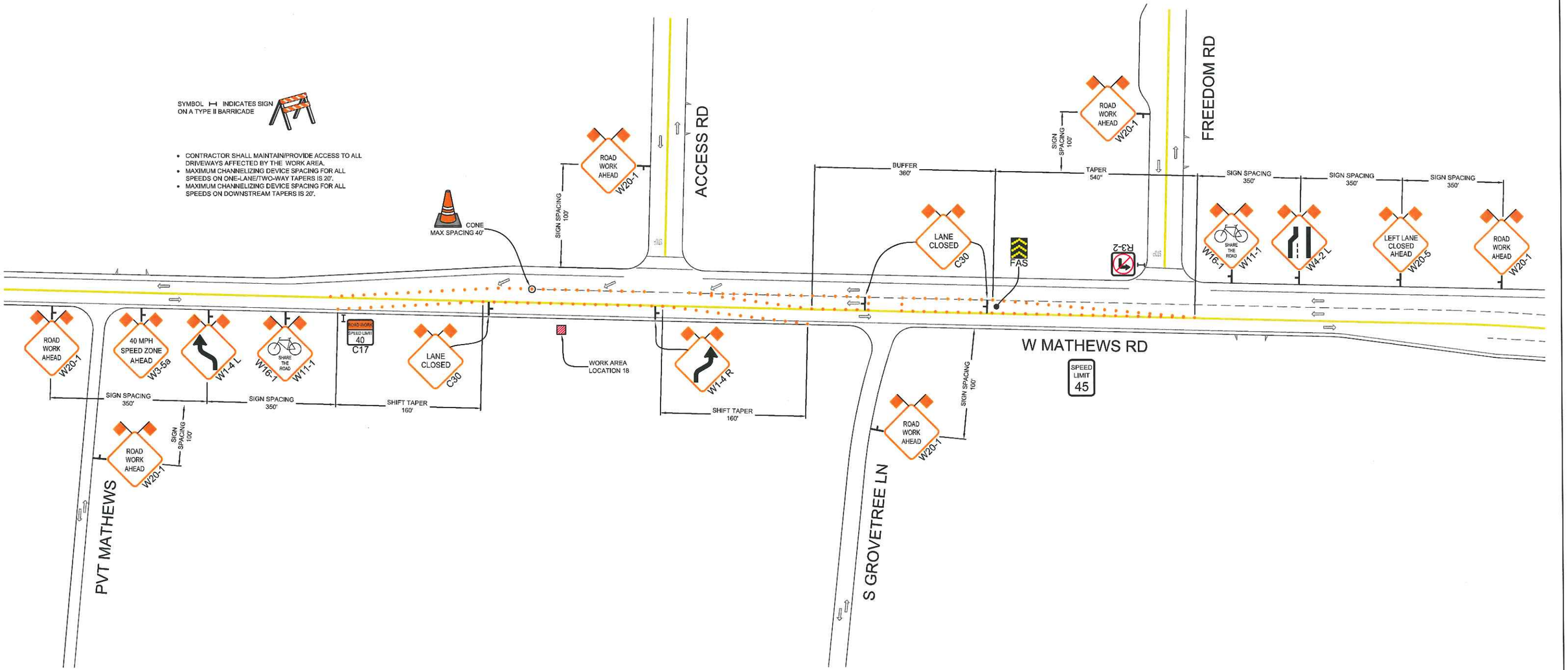

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LOCATION W MATHEWS RD, FRENCH CAMP, CA

Pacific Gas and Electric Company

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MAY 10, 2013

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TYPICAL 3 WAY FLAGGER OPERATION FOR LOC 19, LOC 20, & LOC 21

- CONTRACTOR SHALL MAINTAIN/PROVIDE ACCESS TO ALL DRIVEWAYS AFFECTED BY THE WORK AREA.
- MAXIMUM CHANNELIZING DEVICE SPACING FOR ALL SPEEDS ON ONE-LANE/TWO-WAY TAPERS IS 20'.
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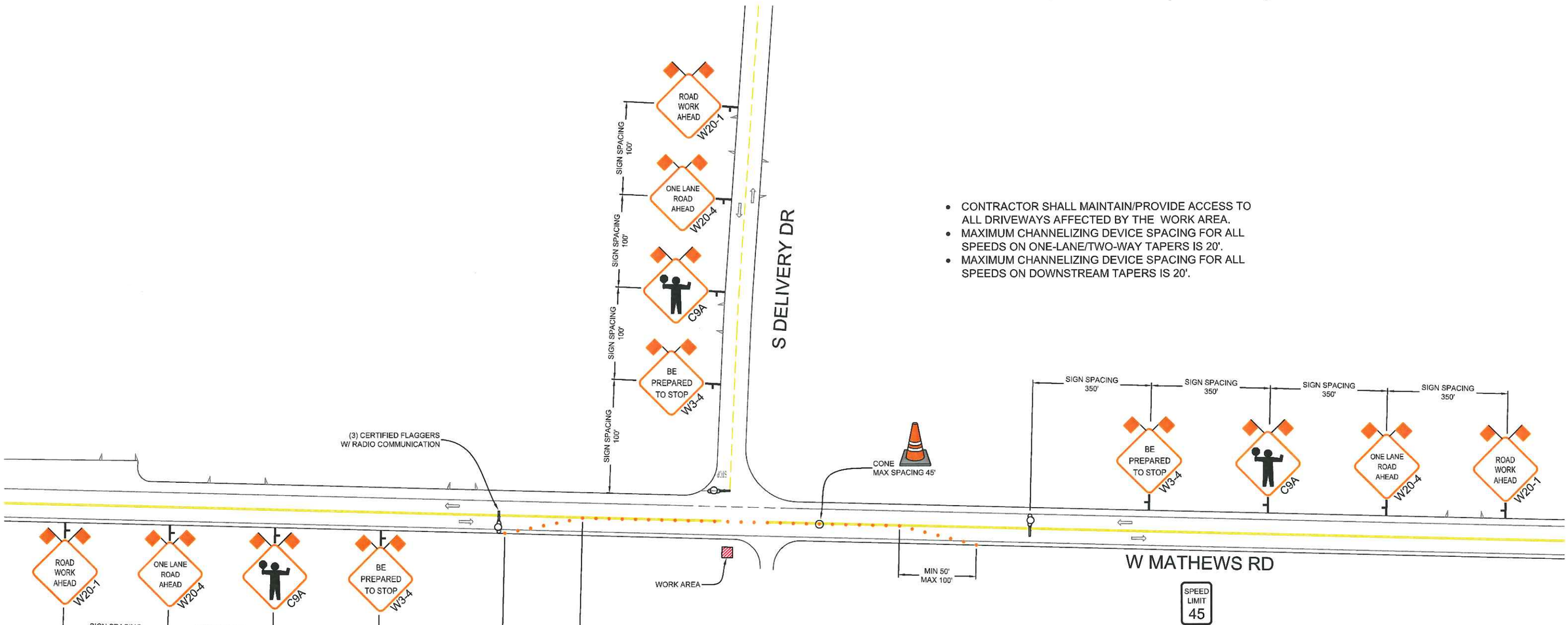

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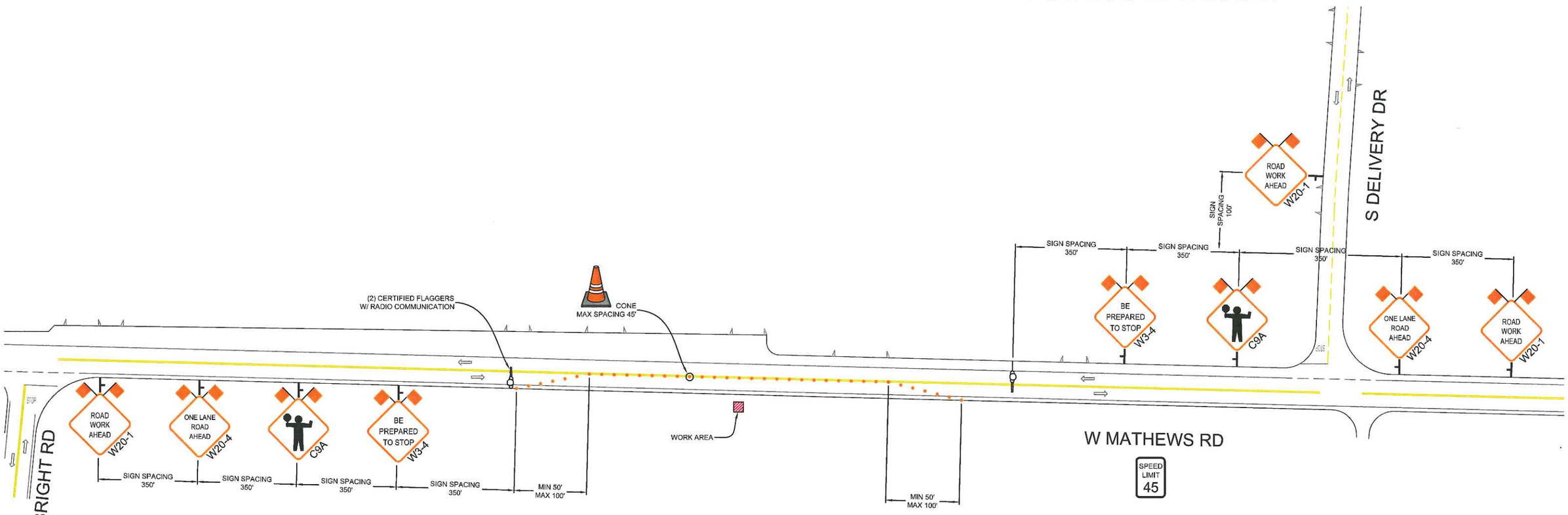
TYPICAL 2 WAY FLAGGER OPERATION FOR LOC 22 & LOC 27



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TYPICAL SHOULDER CLOSURE FOR LOC 23 & LOC 24

SJ CO SHERIFFS FACILITY

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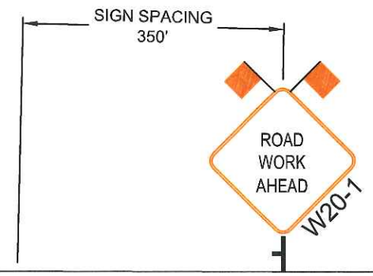

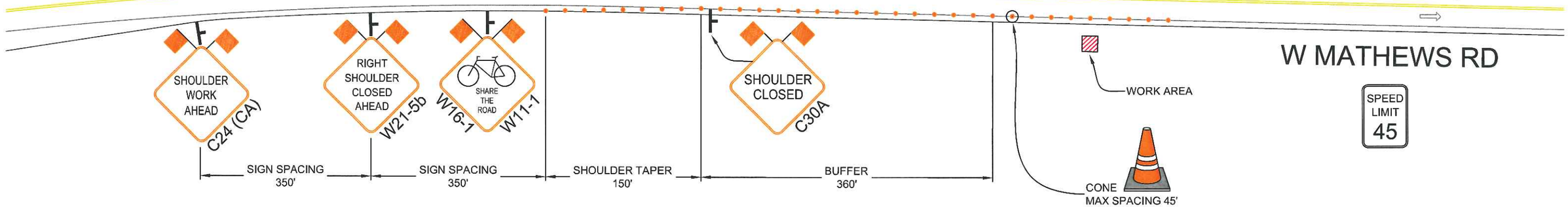

W MATHEWS RD

SPEED LIMIT 45

REVISIONS			
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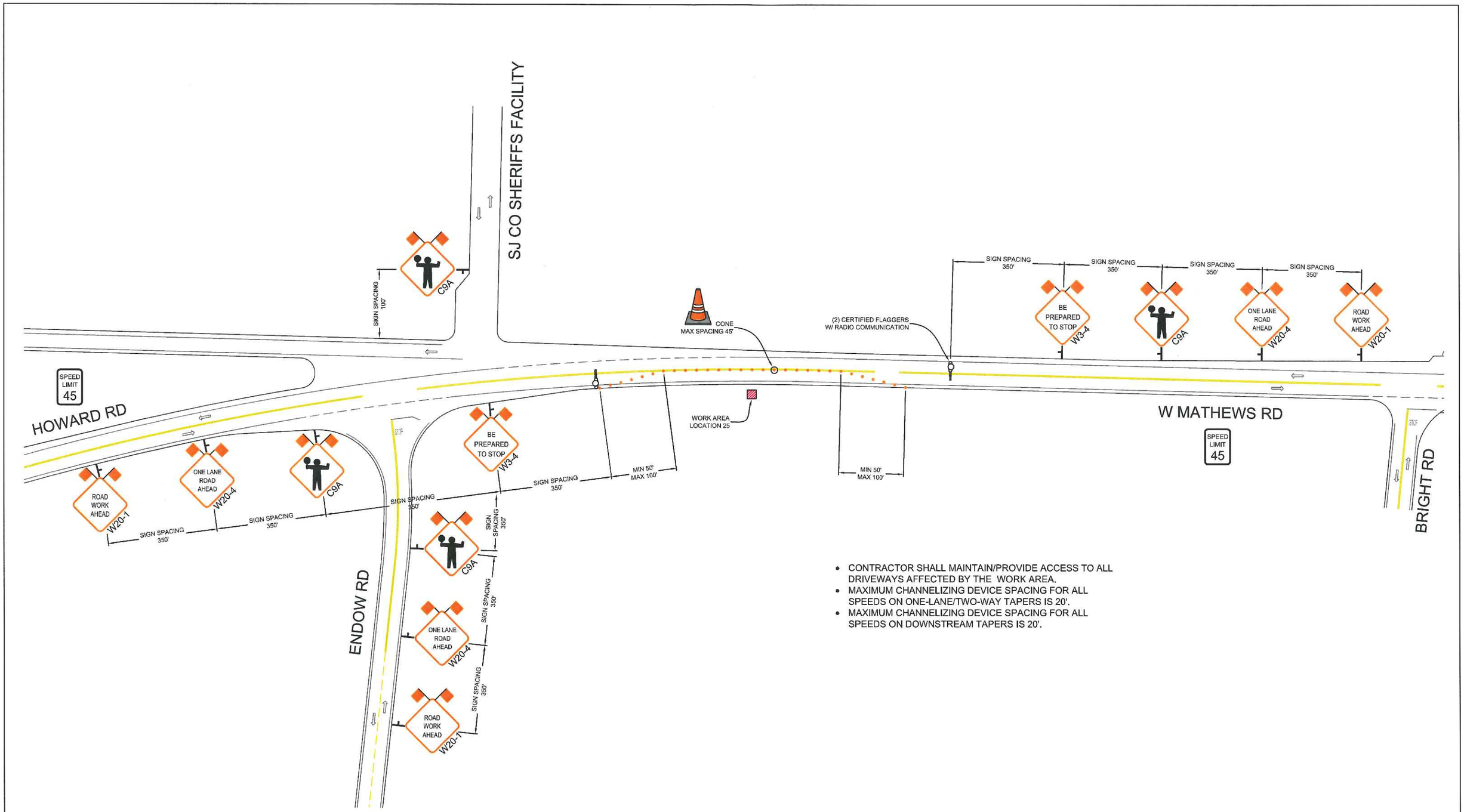

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SYMBOL ✱ INDICATES NO PARKING SIGN ON A TYPE II BARRICADE

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SPEED LIMIT 45

W MATHEWS RD

SHOULDER WORK AHEAD C24 (CA)

RIGHT SHOULDER CLOSED AHEAD W21-5b

SHARE THE ROAD W16-1 W11-1

SIGN SPACING 350'

SIGN SPACING 350'

SHOULDER TAPER 150'

BUFFER 360'

S LOCKHART RD

SHOULDER CLOSED C30A

ROAD WORK AHEAD W20-1

SIGN SPACING 100'

WORK AREA LOCATION 26

CONE MAX SPACING 45'

ROAD WORK AHEAD W20-1

SIGN SPACING 100'

MICHAEL CANLIS BLVD

SPEED LIMIT 25

SIGN SPACING 350'

SJ CO SHERIFFS FACILITY

W MATHEWS RD

STOP

STOP

ROAD WORK AHEAD W20-1

SIGN SPACING 100'

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