



# 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-1600354**  
Date Issued: 02/19/2016  
Start Date: 02/19/2016  
Exp. Date: 06/01/2016  
Project No: PWP730052  
Quad: SW

UE/CR/PM NO:31163340

## ENCROACHMENT PERMIT

To: PACIFIC GAS & ELECTRIC - SACRAMENTO  
2730 GATEWAY OAKS DRIVE  
SACRAMENTO, CA 95833

### Encroachment Type:

Transformer Replacement			
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### Location:

E/S OF ZEPHYR DR. 200' S/O DEPOT MASTER DR.

In compliance with your request of 02/19/2016, 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
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FORMS: 

SS/WW		
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Est. Permit Fee: \$436.00

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 2/8/2016

To: San Joaquin County  
Department of Public Works

P.G. & E. % Sid Ramirez  
(Applicant Name)

850 Stillwater Rd.  
(Mailing Address)

West Sacramento CA. 95605  
(City, State, Zip Code)

(916) 760-5345  
(Area Code - Telephone Number)

PM: 31163340

OFFICE USE ONLY

JOB #	<u>73052-18</u>	REF #	
APN		CR #	
EXP. DATE	<u>6/1/16</u>		
VALID	<u>2/19/16</u> TO <u>6/1/16</u>		
STREET	<u>Zephyr Drive</u>	DRIVEWAYS:	
AREA	<u>Tracy</u> QUAD <u>SW</u>	*	
TYPE	<u>Replace Transformer</u>	*	
FORMS	<u>3/WW</u>	*	
NOTES			

Sketch (Detailed plans may be submitted)

*See Attached Sketch!*

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the East side of Zephyr Drive approximately 200' feet South of Depot Master Drive, Tracy, by performing the following work (description of work):

PG & E to Replace Existing Pad Mounted Transformer  
See Attached Sketch.

Work will commence on or about A.S.A.P. for approximately 1 work day.

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.

*[Signature]*  
Signature of Applicant - Title

2/8/2016  
Date

# 12KV CONSTRUCTION SKETCH

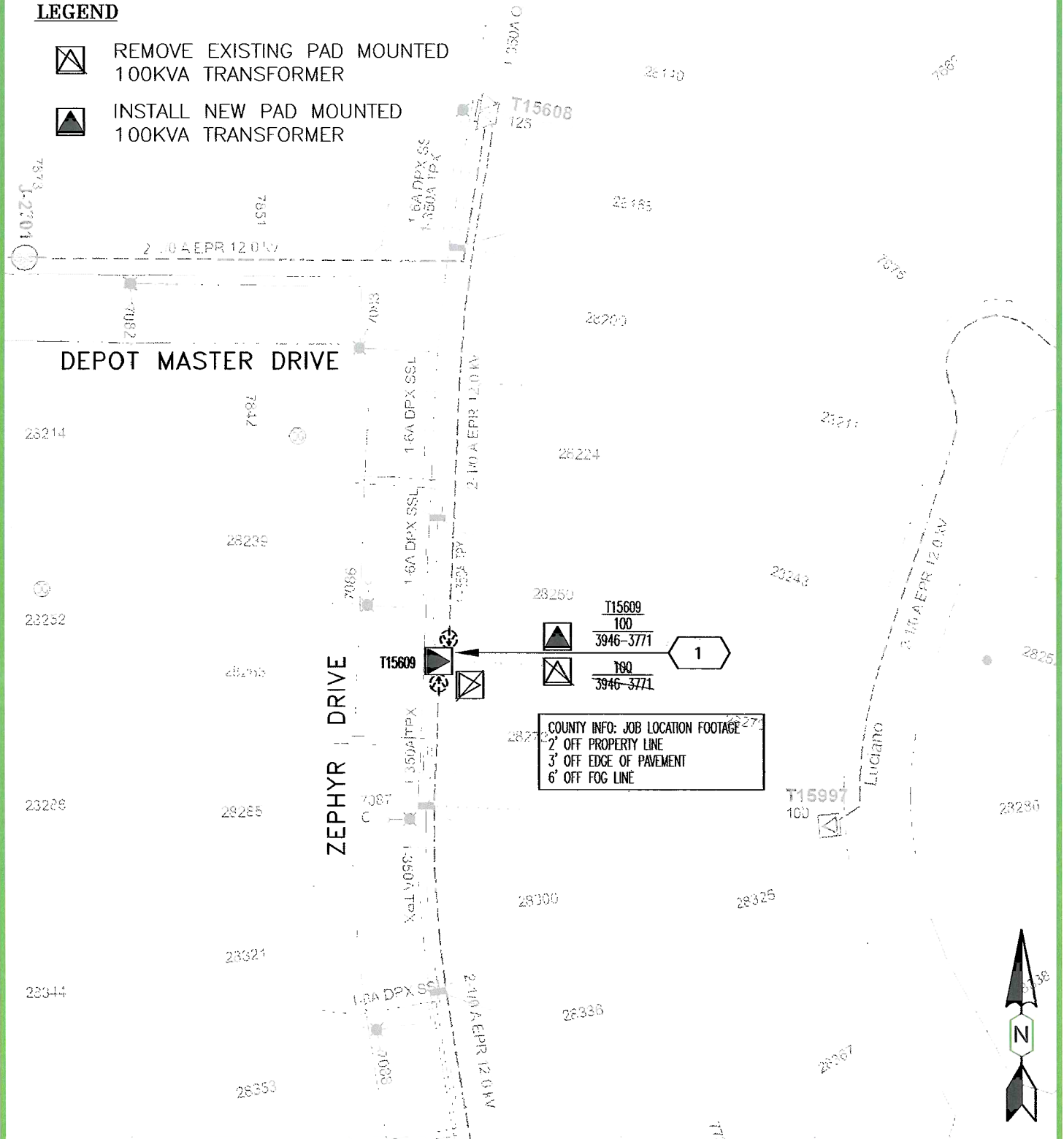
## LEGEND



REMOVE EXISTING PAD MOUNTED  
100KVA TRANSFORMER



INSTALL NEW PAD MOUNTED  
100KVA TRANSFORMER



# STATEWIDE

## TRAFFIC SAFETY & SIGNS

Statewide Traffic Safety and Signs ("Statewide") shall not be responsible for, and [ PG&E & CITY OF TRACY ] shall indemnify, defend and hold harmless Statewide and its agents, representatives and employees from and against, any claims, costs, damages, liabilities, expenses, demands and losses (including attorney's fees and costs and expenses) arising out of or relating to the failure of any Traffic Control Plan applicable to Statewide's work or services to comply with any local, state or federal rule, regulation, ordinance, or statute. [ PG&E & CITY OF TRACY ] agrees that the Statewide is entitled to and will rely on the written Traffic Control Plan(s) provided to Statewide by [ PG&E & CITY OF TRACY ] and its agents, representatives and employees in the performance of Statewide's work or services.

### GENERAL NOTES

1. THIS PLAN SUPPLEMENTED WITH 2014 CA MUTCD.
2. THE LOCATION OF THE SIGNS SHOWN ON THE PLAN ARE GUIDELINES AND ACTUAL LOCATIONS WILL DEPEND UPON ALIGNMENT, GRADE, LOCATION OF THE STREET INTERSECTIONS, AND THE 85TH PERCENTILE.
3. ONLY ONE SIDEWALK WILL BE CLOSED AT A TIME. PEDESTRIAN AND DISABLED ACCESS TO BE MAINTAINED PER 2014 CA MUTCD STANDARD ( SAC COUNTY 6-12.02 STANDARD CONSTRUCTION SPEC ) SEE 2014 SAC DOT TEMPLATES TC-45 & TC-45.1
4. NOTHING ALLOWED IN BUFFER/TRANSITION AREA AT ANY TIME.
5. NOTIFY LOCAL LAW ENFORCEMENT, FIRE, AMBULANCE COMPANIES WITHIN 24 HOURS BEFORE CONSTRUCTION BEGINS. KEEP OPEN ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES.
6. SIGNS AND CHANNELIZING DEVICES MUST BE RETRO REFLECTIVE OR ILLUMINATE DURING THE NIGHT. MINIMUM VIABILITY 1000'
7. CONTINUOUS MONITORING AND MAINTENANCE OF THE TRAFFIC CONTROL ZONE WILL BE IMPLEMENTED FOR THE PURPOSE OF MAINTAINING EMERGENCY ACCESS, ACCOMMODATION FOR PEDESTRIANS, BICYCLE TRAFFIC AND THE DISABLED.
8. ALL CONFLICTING MARKINGS ARE TO BE REMOVED FOR PROJECTS THAT LAST A TERM OF 3 DAYS OR LONGER.
9. ALL SIGNS IMPLEMENTED WILL ONLY BE VIEWABLE WHEN IN USE, OTHERWISE ALL WARNING DEVICES WILL BE TAKEN DOWN OR COVERED.
10. PROPER TRAINING OF TRAFFIC CONTROLLERS, PROPER DEVICES & PROPER USE OF THE DEVICES ARE REQUIRED AT ALL TIMES.

DEVICE SPACING TABLE (CA MUTCD 2014 EDITION TABLE 6H-4/6H-4(CA))

POSTED SPEED	FORMULA	BUFFER SPACE	MINIMUM TAPER LENGTHS									MAXIMUM CONE SPACING		SIGN SPACING <div>▲ 1</div>	LIDG (FT) <div>▲ 1</div>
			10' OFFSET			11' OFFSET			12' OFFSET						
			L	1/2 L	1/3 L	L	1/2 L	1/3 L	L	1/2 L	1/3 L				
			MERGE	SHIFT	SHOULDER	MERGE	SHIFT	SHOULDER	MERGE	SHIFT	SHOULDER	LONG	TAPER & LIDG		
25	L= $\frac{WS^2}{60}$	155'	104'	52'	35'	115'	57'	38'	125'	63'	42'	25'	13'	100' TO 200'	94'
30		200'	150'	75'	50'	165'	83'	55'	180'	90'	60'	30'	15'	120' TO 250'	113'
35		250'	204'	102'	68'	225'	112'	75'	245'	123'	82'	35'	18'	140' TO 280'	131'
40		305'	267'	133'	89'	293'	147'	98'	320'	160'	107'	40'	20'	160' TO 320'	150'
45	L=WS	360'	450'	225'	150'	495'	248'	165'	540'	270'	180'	45'	23'	360' TO 540'	169'
50		425'	500'	250'	167'	550'	275'	183'	600'	300'	200'	50'	25'	400' TO 600'	197'
55		495'	550'	275'	183'	605'	303'	202'	660'	330'	220'	50'	28'	440' TO 660'	210'
60		570'	600'	300'	200'	660'	330'	220'	720'	360'	240'	50'	30'	480' TO 720'	225'
65		645'	650'	325'	217'	715'	358'	238'	780'	390'	260'	50'	33'	520' TO 780'	244'
70		730'	700'	350'	233'	770'	385'	257'	840'	420'	280'	50'	35'	560' TO 840'	263'

LOW SPEED IS 40 MPH OR LESS  
HIGH SPEED IS 45 MPH OR MORE  
BOTH ARE BASED ON:  
1. 85H % TILE OR IF NOT AVAILABLE, THEN USE  
2. POSTED SPEED LIMIT (PSL)  
3. ANTICIPATED SPEED

L = TAPER LENGTH  
S = SPEED  
W = WIDTH ( OFFSET FROM PATH OF TRAVEL )



7920 CUCAMONGA AVE  
SACRAMENTO, CA 95826  
[abennett@stssi.com](mailto:abennett@stssi.com)  
916-452-4855



CONTACT:  
SID RAMIREZ 916-760-5345

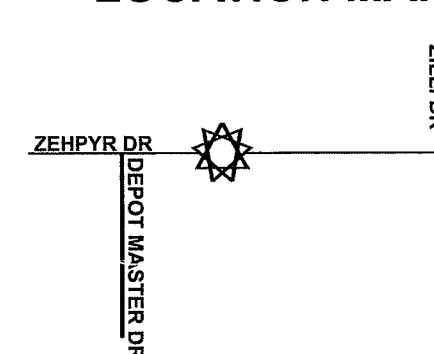
### OWNER

CITY OF TRACY

### ADDRESS/JOB NUMBER

18272 ZEPHYR DR, TRACY, CA  
PM#31163340

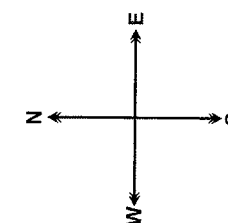
### LOCATION MAP



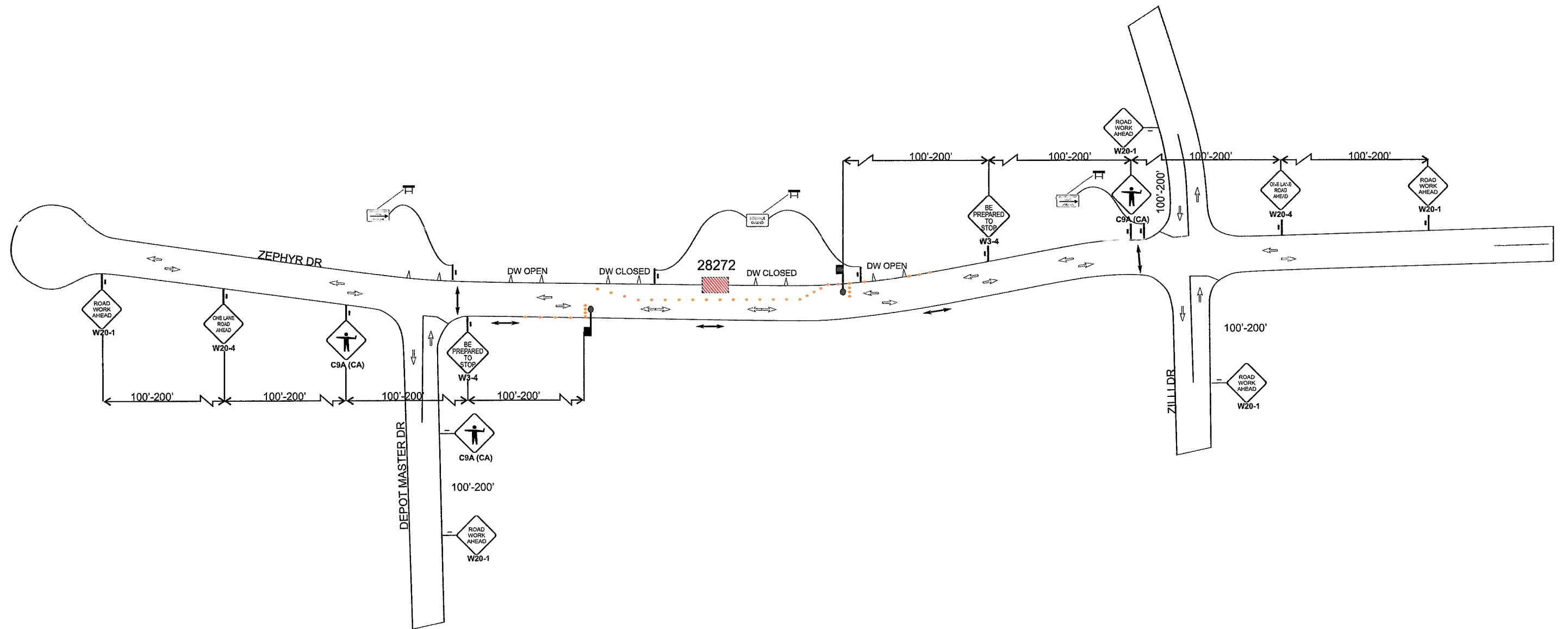
### SPEED LIMIT



### COMPASS







LOCATION: 28272 Zephyr Dr, Tracy, CA  
CONTRACTOR



CONTACT Sid Ramirez  
PHONE # 916-760-5345

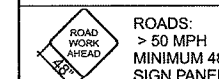
CONSTRUCTION HOURS: 7:00AM-5:30PM

25 MPH  
10' OFFSET = 104'  
11' OFFSET = 115'  
12' OFFSET = 125'



PLAN # 2773

DATE: 7/23/2015



ROADS:  
> 50 MPH  
MINIMUM 48"  
SIGN PANEL

WORK ZONE

REFLECTIVE CONE  
TEMPORARY C.A.S.  
TRAFFIC FLOW  
PED/ADA OPEN

W20-4

C9A (CA)

W20-1

W3-4

FLAGMAN