



# 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-1603107**  
Date Issued: 09/29/2016  
Start Date: 10/03/2016  
Exp. Date: 11/05/2016  
Project No: PWP730052  
Quad: NW

UE/CR/PM NO:31200949

## ENCROACHMENT PERMIT

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

### Encroachment Type:

DETOUR			
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### Location:

EIGHT MILE RD@LOWER SACRAMENTO RD

In compliance with your request of **09/29/2016**, 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**LOWER SACRAMENTO RD CLOSURES FROM 8:00PM TO 6:00AM FROM OCTOBER 3RD TO NOVEMBER 5TH**SEE SPECIAL CONDITIONS**
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FORMS: 

SS/WW, R-29		
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Est. Permit Fee: \$1,041.00

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, 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

RECEIVED  
SAN JOAQUIN COUNTY

2016 JUL 25 PM 2:29

Corrections  
Received  
9-22-26

DEPT. OF PUBLIC WORKS

## PLEASE PRINT:

Date 7/12/16

To: San Joaquin County  
Department of Public Works

**Modesta Jacquez**

(Applicant Name)

**6121 Bollinger Canyon Rd., BR1Z4D**

(Mailing Address)

**San Ramon, CA 94583**

(City, State, Zip Code)

**office 925-244-3813 mobile 925-786-7086**

(Area Code - Telephone Number)

## OFFICE USE ONLY

JOB # 730052 REF # \_\_\_\_\_  
APN \_\_\_\_\_ CR # \_\_\_\_\_  
EXP. DATE 11-5-16  
VALID 10-3-16 TO 11-5-16 DRIVEWAYS:  
STREET 8 Mile & Lower Sac \* \_\_\_\_\_  
AREA Stockton QUAD NW \* \_\_\_\_\_  
TYPE Detour \* \_\_\_\_\_  
FORMS SSRN Special  
NOTES \_\_\_\_\_

Sketch (Detailed plans may be submitted)

**This project is within two jurisdictions; city of Stockton and San Joaquin County.**

**Plans attached.**

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the intersection side of E 8 Mile Rd and N Lower Sacramento Rd approximately \_\_\_\_\_ feet/mile \_\_\_\_\_ of \_\_\_\_\_, by performing the following work (description of work):

excavate within city of Stockton ROW, requesting traffic control set up within San Joaquin County ROW.

Traffic control includes detour.

Work will commence on or about 7/27/16 for approximately 45 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.



**Modesta Jacquez**

Signature of Applicant - Title

**7/12/16**

Date

# APPLICATION FOR ENCROACHMENT PERMIT

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SAN JOAQUIN COUNTY

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 **Modesta Jacquez**  
Signature of Applicant - Title

7/12/16  
Date



**Pacific Gas and  
Electric Company®**

September 21, 2016

San Joaquin County Public Works  
Public Service Division  
Safety and Enforcement Division  
1810 E. Hazelton Avenue  
Stockton Ca, 95201

**CC-221**  
• CMS sign  
• incorporated  
• Night detour MON - SAT  
10/3 - 11/5

6

Re: CC-221 (PM 31200949) - Traffic Control Plan for Gas Transmission Pipeline in the  
County of San Joaquin, CA. **(East 8 Mile Rd and N Lower Sacramento Rd)**

Dear San Joaquin County of Public Works:

Pacific Gas & Electric Company (PG&E) is requesting lane closure for casing removal project (CC-221) located at East 8 Mile Rd and N Lower Sacramento Rd from **October 3<sup>rd</sup> to November 5<sup>th</sup>** 2016. The road closure is to be in compliance with City of Stockton traffic control requirements and to safely perform the excavation. The road closure will begin at 8:00PM and will be reopening at 6:00AM. The detour days will be Monday to Saturday and will remain open on Sunday's.

Please let us know if you need additional information related to the road closure on East 8 Mile Rd and N Lower Sacramento Rd.

Sincerely,

Modesta Jacquez  
Permit Specialist, Gas Transmission Pipeline Replacement



SPECIAL CONDITIONS FOR  
PM 31200949  
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. During working hours, two-way traffic control shall be maintained with one lane open and appropriate flaggers.
2. Southbound lane closure for Lower Sacramento Road allowed from 8:00 pm to 6:00 am from October 3<sup>rd</sup> to November 5<sup>th</sup>, the roadway shall be opened to two-way traffic each morning after 6:00 am.
3. Access for local traffic, pedestrian traffic and emergency services shall be maintained at all times.
4. Applicant shall notify and coordinate with all emergency services (fire, police, etc.), local schools and the local postmaster a minimum of seven days prior to the road closure.
5. 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.
6. Residents and businesses shall be notified in writing, as approved by the County, 48 hours in advance of any impacts to their access.
7. Any areas where parking is to be restricted shall have signs noting the restrictions in place at least 24 hours in advance.
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. The contractor shall not conduct construction operations in rain or heavy fog conditions.



## GENERAL PROVISIONS

### GOVERNING INSTALLATION OF SUBSURFACE STRUCTURES AND PIPELINES WITHIN COUNTY ROAD RIGHTS-OF-WAY

#### PUBLIC CONVENIENCE AND SAFETY:

- A. Before obstructing any private driveway entrance or County road traveled way with a trench, spoil bank, equipment or other barrier permitted for any prolonged period of time, the Permittee shall notify the known users of the respective thoroughfare(s) involved, and shall provide access for vehicular and pedestrian traffic to and from the road.
  - 1. Unless otherwise permitted, all work shall be conducted in such a manner that no less than one lane of the existing County road traveled way will be maintained open to public traffic during working hours in a smooth and safe riding condition(s). Two lanes shall be open after working hours.
  - 2. In cases where road closure is permitted, the permission to close the road will be granted under the condition that the Permittee notify the following persons and/or agencies of the time, the period of closure, and the detour route at least twenty-four (24) hours prior to said road closure.
    - a. The County of San Joaquin Public Works Department
    - b. The County of San Joaquin Sheriff's Office
    - c. The local postal service
    - d. The local fire district
    - e. The local school district
    - f. The local residents involved
- B. Should hazardous conditions relative to the installation operations warrant flagmen, as many capable flagmen as may be necessary shall be provided by the Permittee and stationed in advance of work to warn and direct traffic.
- C. Lights, signs and barricades shall be furnished, erected and maintained by the Permittee for the adequate warning and convenience of the public, with particular attention to be taken in this regard after dark.
- D. Any excess dirt and/or debris which might be a hazard to either automobile or pedestrian traffic, uncontrollable by lights, signs and barricades, shall be removed from the jobsite daily.

#### STRUCTURES:

- A. Walls of structures shall be such quality and strength that they will resist all pressures and will not crack or be deformed in such a way as to create a hazard or maintenance problem at any time. Therefore, the minimum structural requirements for concrete pipe placed under county road rights-of-way shall conform to the following American Association of State Highway and Transportation Officials (AASHTO) designations.
  - 1. For concrete pipe up to and including thirty-three inches (33") inside diameter, extra strength concrete conforming to AASHTO Designation M 170M.
  - 2. For concrete pipe thirty-six inches (36") inside diameter and larger, reinforced concrete pipe conforming to AASHTO Designation M 170M Class III.
  - 3. Plastic pipe conforming to AASHTO Designation M294.
- B. All concrete pipe joints within County road rights-of-way shall be sealed against leakage and/or infiltration with rubber gasket in conformance with Section 65-1.06 of the California Standard Specifications, or with other methods as may be permitted under the Special Provisions.
- C. Cast-in-place concrete pipe, vitrified clay pipe, spiral welded steel pipe, or corrugated aluminum alloy pipe shall not be installed within the County road rights-of-way unless specifically so stated in the Special Provisions, and only under the conditions as provided.
- D. All structures to be buried within the County rights-of-way shall be set at such elevations as to allow minimum coverage of thirty inches (30") to the centerline of the roadways and twelve inches (12") at the bottoms of borrow ditches each side of the roadways. The depths of structures shall be established below a flat plane extending across the rights-of-way, no part of which shall extend above the elevations stated above; manholes, lampholes, valves, etc. not included. Future surface elevations shall be anticipated as nearly as possible and structure elevations shall be established for future adjustments accordingly.
- E. The County hereby reserves the right to specify in the Special Provisions the gage and surface treatment of any galvanized corrugated metal pipe that is to be installed.
- F. All longitudinal utility facilities are to be established (and dimensioned on sketches) from surveyed centerline of road right-of-way, not from right-of-way (border) lines.

#### REPAIRS OF THE COUNTY RIGHT-OF-WAY:

- A. All excavations shall be backfilled and compacted immediately after work therein has been completed.
- B. Trenched shall not be left open farther than 300 feet in advance of pipe laying operations, or 200 feet to the rear thereof, unless otherwise permitted by the Engineer.
- C. Unless otherwise permitted under the Special Provisions, backfill shall be placed and mechanically compacted in such a manner that the relative compaction throughout the entire fill within the County road right-of-way shall conform to the percentages of compaction as shown on the Trench detail.
- D. Backfill material shall be placed in horizontal uniform layers not to exceed in thickness, before compaction, 0.67 foot in the bedding region, one foot where 90% compaction is required, and two feet where 80% compaction is required.
- E. No portion of the excavation(s) shall be compacted by ponding or jetting unless a maintenance bond is provided.
- F. Gravel backfill material shall be utilized only where specifically so stated on the face of the permit. It shall be compacted by means of a high-frequency internal vibrator, the compactor to be a size and type approved by the Engineer. Points of compaction shall not be greater than 18" centers and to the full depth of the lift.
- G. All pavements, curbs, gutters, sidewalks, borrow ditches, pipes, head walls, road signs, trees, shrubbery, and/or other permanent road facilities impaired by or as a result of construction operations at the construction site(s) occupied by materials and/or equipment, shall be restored immediately upon backfilling of the excavation to the original grades and cross sections, and to a condition as good as, or better than existing prior to construction.
- H. All surfacing materials of roadways and driveway approaches cut or damaged by or as a result of construction operations, shall be replaced within ONE WEEK following the backfilling of excavation, weather permitting, with compacted layers of surfacing materials at least as thick as the existing, and no less than two inches (2") of asphalt concrete over six inches (6") of aggregate base, both as specified below.
  - 1. Asphalt Concrete: Combined mineral aggregate shall conform to the quality and gradation requirements for Type "B" one-half inch (1/2) maximum aggregate, coarse or medium gradation as specified in Section 39 of the California Standard Specifications. The bituminous binder to be mixed with mineral aggregate shall be paving asphalt having (Grade PG 64-10), unless otherwise directed by the Engineer. Placement of asphalt concrete surfacing shall conform to the applicable provisions of Section 39 of the California Standard Specifications.
  - 2. Aggregate Base: Combined mineral aggregates shall conform to the quality and the grading for three-quarter inch (3/4") maximum size aggregate Class 2 Aggregate Base specified in Section 26 of the California Standard Specifications.
- I. Before acceptance of repairs to the County road rights-of-way, all unsightly and detrimental dirt, dust and/or debris shall be removed and the construction areas left in a neat and presentable condition(s).
  - 1. If necessary, County road traveled way and driveway pavements shall be washed with water to remove dirt and dust.
  - 2. Driveway approaches and field entrance pavements damaged by equipment or spoil banks shall be repaired as directed by the Engineer.
- J. Upon request by the County, any settlement, sagging of surface, or cracking of pavement shall be repaired immediately by and at the sole expense of the Permittee for a period of one year following acceptance of the work.

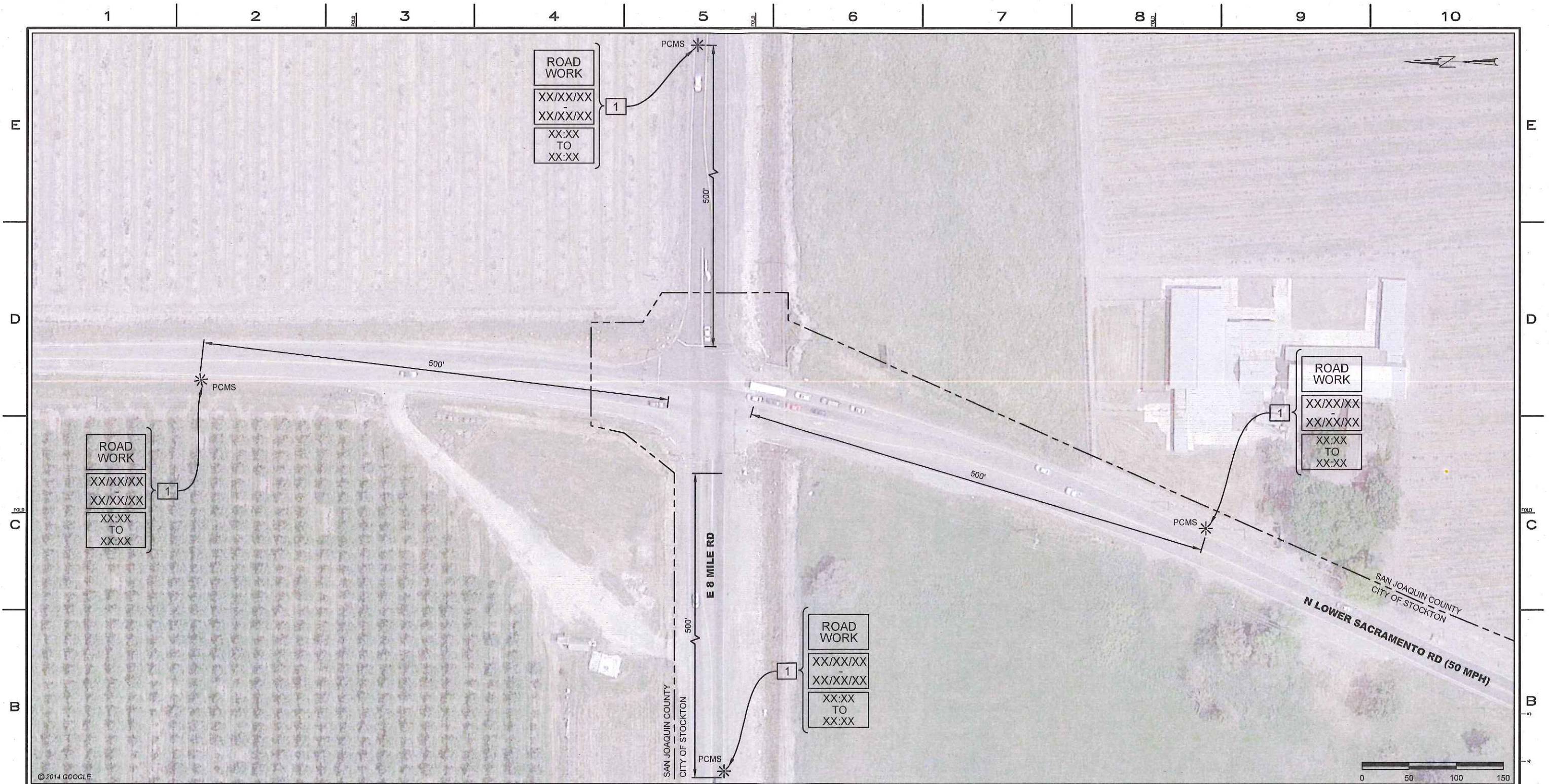
## SPECIAL PROVISIONS

### Winter Weather Utility Work

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1. **SUPERVISION:** The utility company (permittee) shall furnish full-time supervision of all work to insure compliance with the permit provision.
2. **START OF WORK:** No work within the County right-of-way shall be started until the utility company representative has made an evaluation of weather conditions and has determined the work can be accomplished under the provisions of the permit.
3. **CLEAN PAVEMENT:** Dirt and mud shall not be deposited on the pavement outside the area of work, and if inadvertently tracked onto the road travel way shall be removed immediately.
4. **DAILY RESTORATION:** Private driveways and road intersections shall be restored daily.
5. **WEATHER-TIGHT CONDITIONS:** All trenches shall be filled and compacted, ditches and other drainage facilities regarded and opened, and the entire work area restored to weather-tight condition prior to any rain.





#### CONTRACTOR NOTES:

- ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND CALTRANS STANDARD PLANS AND SPECIFICATIONS.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE TO EXISTING IMPROVEMENTS RESULTING FROM THE CONTRACTOR'S OPERATION. THIS REPAIR SHALL INCLUDE ALL CONSTRUCTION AND MATERIALS TO RESTORE THE SITE TO EXISTING CONDITIONS.
- EACH ADVANCED WARNING SIGN ON EACH SIDE OF THE ROADWAY SHALL BE EQUIPPED WITH AT LEAST TWO FLAGS. FLASHING BEACONS SHALL BE PLACED AT THE LOCATION INDICATED FOR LANE CLOSURE DURING HOURS OF DARKNESS.
- ALL WORKERS SHALL BE EQUIPPED WITH A REFLECTIVE VEST AND HARD HAT. ALL FLAGGERS SHALL ALSO BE EQUIPPED WITH A C28 "STOP/SLOW" PADDLE AND SHALL BE TRAINED IN THE PROPER FUNDAMENTALS OF FLAGGING TRAFFIC.
- ANY CONFLICTING SIGNS WILL BE COVERED FOR THE LENGTH OF THE JOB.
- CONTRACTOR SHALL MAINTAIN EMERGENCY VEHICLE AND DRIVEWAY ACCESS AT ALL TIMES.
- Y&C TRANSPORTATION CONSULTANTS, INC. ASSUMES NO LIABILITY WHEN CONTRACTOR DOES OWN SET UP OR MAKES CHANGES TO THE ORIGINAL TRAFFIC CONTROL PLAN.
- COUNTY/STATE ENGINEER OR HIS REPRESENTATIVE HAS THE AUTHORITY TO INITIATE FIELD CHANGES TO ASSURE PUBLIC SAFETY.
- CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL PLAN FOR CONSTRUCTION AREAS WHICH ARE NOT COVERED BY THESE TRAFFIC CONTROL PLANS.
- PLAN IS ACCURATE FOR TRAFFIC CONTROL WORK ONLY. POT HOLE LOCATION IS APPROXIMATE AND IS FOR REFERENCE ONLY.
- CONTRACTOR SHALL CONSULT WITH THE CITY OF STOCKTON REGARDING ALLOWABLE WORK HOURS PRIOR TO BEGINNING OF WORK.
- CONTRACTOR SHALL NOTIFY LOCAL RESIDENTS AND BUSINESSES 72 HOURS IN ADVANCE IF TEMPORARY ON-STREET PARKING REMOVAL IS REQUIRED.

#### LEGEND

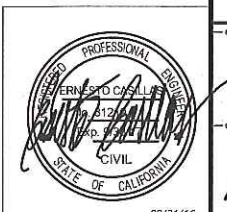
PCMS \* = PORTABLE CHANGEABLE MESSAGE SIGN

#### PROJECT NOTES

- CONTRACTOR SHALL INSTALL PCMS SIGN AT LEAST ONE WEEK PRIOR TO BEGINNING OF WORK.

NO.		DATE	DESCRIPTION	GM/SPEC	DWN	CHKD	SUPV	APVD BY
0	09/21/16	ISSUED FOR PERMIT		31200949	VB	VB	EC	
REVISIONS								
APPROVED BY								
GM 31200949								
SUPV								
DSGN VB								
DWN VB								
CHKD VB								
OK EC								
DATE 09/21/16								
EC								
SCALES								
AS SHOWN								

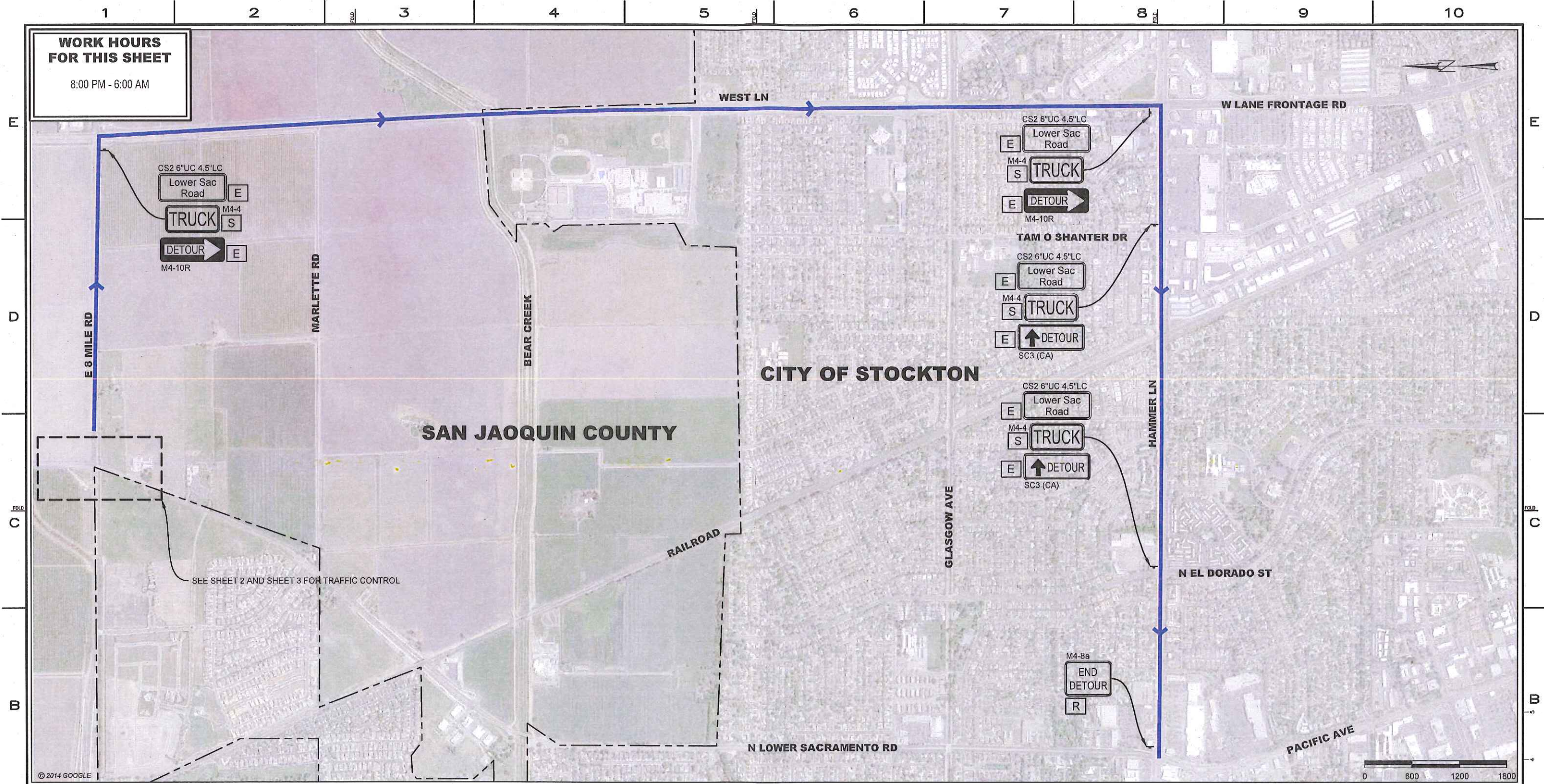
CC-221  
DFM 1613-01, MP 0.019  
CASING REMOVAL  
TRAFFIC CONTROL PLAN  
STOCKTON, CALIFORNIA  
PACIFIC GAS AND ELECTRIC COMPANY  
WALNUT CREEK, CALIFORNIA



MICROFILM	
BILL OF MATL	
DWG LIST	
SUPDS	
SUPSD BY	
SHEET NO. 1A OF 7	SHEETS
31200949	0



**WORK HOURS  
FOR THIS SHEET**  
8:00 PM - 6:00 AM



- CONTRACTOR NOTES:**
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  12. CONTRACTOR SHALL NOTIFY LOCAL RESIDENTS AND BUSINESSES 72 HOURS IN ADVANCE IF TEMPORARY ON-STREET PARKING REMOVAL IS REQUIRED.

**LEGEND**  
= TEMPORARY SIGN POST  
= DETOUR ROUTES

NO.	DATE	DESCRIPTION	GW/SPEC	DWN	CHKD	SUPV	APVD BY
6	09/14/16	REVISED FOR PERMIT	31200949	VB	VB	KDY	
5	07/07/16	REVISED FOR PERMIT	31200949	VB	VB	KDY	
4	03/25/16	REVISED FOR PERMIT	31200949	VB	VB	KDY	
3	03/18/16	REVISED FOR PERMIT	31200949	VB	VB	KDY	
2	03/03/16	REVISED FOR PERMIT	31200949	VB	VB	KDY	
1	02/10/16	REVISED FOR PERMIT	31200949	VB	VB	KDY	
REVISIONS							
APPROVED BY: CM 31200949							
DATE: 09/14/16							
SIGNED: K. DANIEL YAU							
TITLE: CIVIL							
DATE: 09/14/16							
SCALE: AS SHOWN							

CC-221  
DFM 1613-01, MP 0.019  
CASING REMOVAL  
TRAFFIC CONTROL PLAN  
STOCKTON, CALIFORNIA  
PACIFIC GAS AND ELECTRIC COMPANY  
WALNUT CREEK, CALIFORNIA

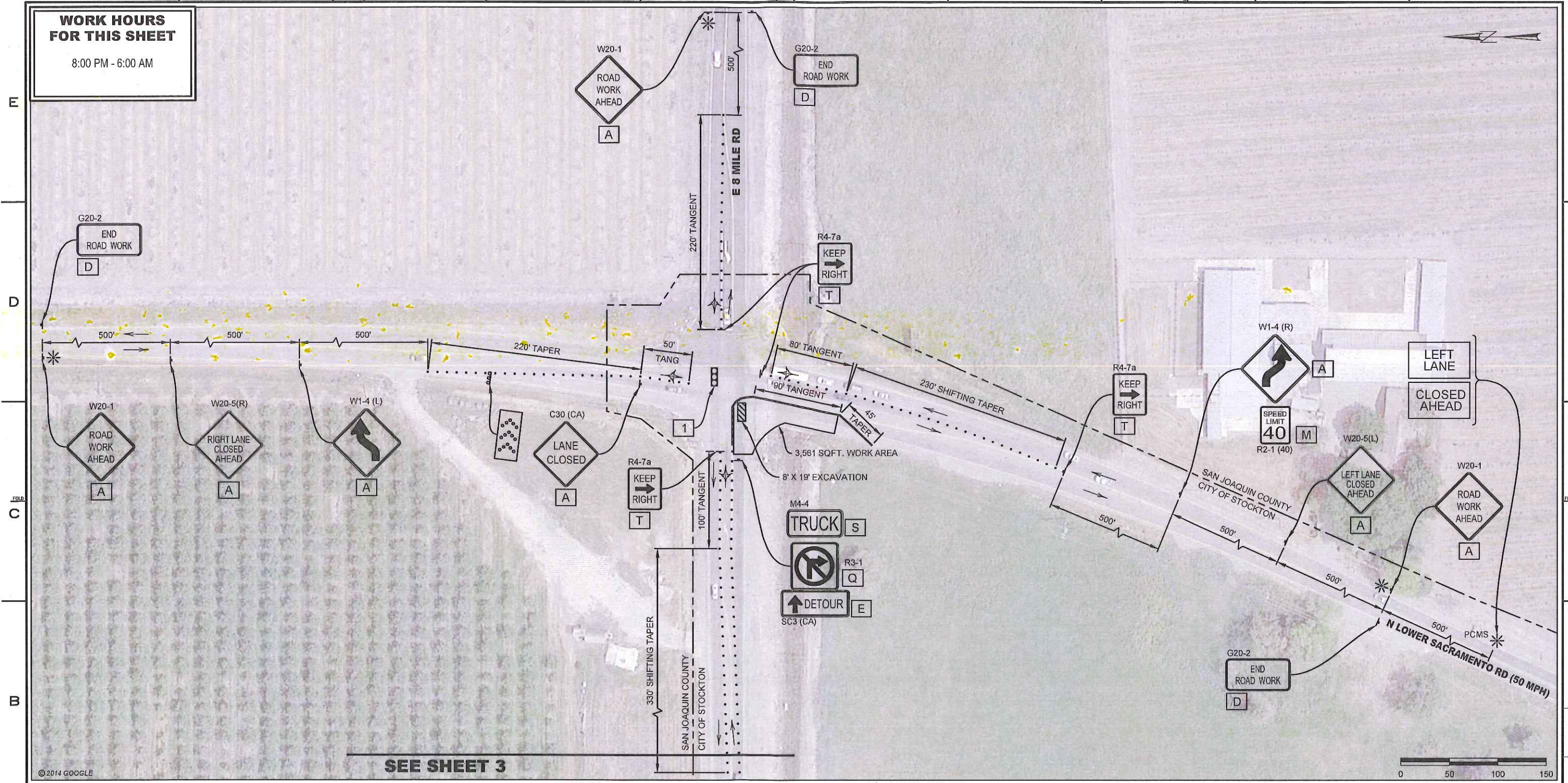
**SIGN PANEL SIZE**  
E 48" X 18"  
R 24" X 18"  
S 24" X 12"

**PROFESSIONAL ENGINEER**  
K. DANIEL YAU  
No. 14611  
Exp. 3/31/18  
CIVIL  
09/14/16

**BILL OF MATL**  
DWG LIST  
SUPSDS  
SUPSD BY  
SHEET NO. 1 OF 7 SHEETS  
31200949 0



**WORK HOURS  
FOR THIS SHEET**  
8:00 PM - 6:00 AM



**CONTRACTOR NOTES:**

1. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND CALTRANS STANDARD PLANS AND SPECIFICATIONS.
2. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE TO EXISTING IMPROVEMENTS RESULTING FROM THE CONTRACTOR'S OPERATION. THIS REPAIR SHALL INCLUDE ALL CONSTRUCTION AND MATERIALS TO RESTORE THE SITE TO EXISTING CONDITIONS.
3. EACH ADVANCED WARNING SIGN ON EACH SIDE OF THE ROADWAY SHALL BE EQUIPPED WITH AT LEAST TWO FLAGS. FLASHING BEACONS SHALL BE PLACED AT THE LOCATION INDICATED FOR LANE CLOSURE DURING HOURS OF DARKNESS.
4. ALL WORKERS SHALL BE EQUIPPED WITH A REFLECTIVE VEST AND HARD HAT. ALL FLAGGERS SHALL ALSO BE EQUIPPED WITH A C28 "STOP/SLOW" PADDLE AND SHALL BE TRAINED IN THE PROPER FUNDAMENTALS OF FLAGGING TRAFFIC.
5. ANY CONFLICTING SIGNS WILL BE COVERED FOR THE LENGTH OF THE JOB.
6. CONTRACTOR SHALL MAINTAIN EMERGENCY VEHICLE AND DRIVEWAY ACCESS AT ALL TIMES.
7. Y&C TRANSPORTATION CONSULTANTS, INC. ASSUMES NO LIABILITY WHEN CONTRACTOR DOES OWN SET UP OR MAKES CHANGES TO THE ORIGINAL TRAFFIC CONTROL PLAN.
8. COUNTY/STATE ENGINEER OR HIS REPRESENTATIVE HAS THE AUTHORITY TO INITIATE FIELD CHANGES TO ASSURE PUBLIC SAFETY.
9. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL PLAN FOR CONSTRUCTION AREAS WHICH ARE NOT COVERED BY THESE TRAFFIC CONTROL PLANS.
10. PLAN IS ACCURATE FOR TRAFFIC CONTROL WORK ONLY. POTHOLE LOCATION IS APPROXIMATE AND IS FOR REFERENCE ONLY.
11. CONTRACTOR SHALL CONSULT WITH THE CITY OF STOCKTON REGARDING ALLOWABLE WORK HOURS PRIOR TO BEGINNING OF WORK.
12. CONTRACTOR SHALL NOTIFY LOCAL RESIDENTS AND BUSINESSES 72 HOURS IN ADVANCE IF TEMPORARY ON-STREET PARKING REMOVAL IS REQUIRED.

**LEGEND**

- = TRAFFIC FLOW DIRECTION
- - - = TEMPORARY SIGN POST
- \* = PORTABLE FLASHING BEACON (R = RED, Y = YELLOW)
- = CHANNELIZER (SPACING PER TABLE 1 ON CALTRANS RSP T9)
- - - = PLASTIC WATER-FILLED BARRIER (NCHRP 350 TL-2)
- = FLASHING ARROW SIGN
- \* = PORTABLE CHANGEABLE MESSAGE SIGN

**PROJECT NOTES**

1. CONTRACTOR SHALL COORDINATE WITH THE CITY OF STOCKTON A MINIMUM OF 3 DAYS IN ADVANCE TO SWITCH SIGNAL OPERATION TO FLASHING RED ON ALL APPROACHES.

SIGN PANEL SIZE	
A	48" X 48"
D	48" X 24"
E	48" X 18"
M	30" X 36"
Q	24" X 24"
S	24" X 12"
T	18" X 24"

NO.	DATE	DESCRIPTION	GM/SPEC	DWN	CHKD	SUPV	APVD BY
8	09/14/16	REVISED FOR PERMIT	31200948	VB	VB	KDY	
5	07/07/16	REVISED FOR PERMIT	31200948	VB	VB	KDY	
4	03/25/16	REVISED FOR PERMIT	31200948	VB	VB	KDY	
3	03/18/16	REVISED FOR PERMIT	31200948	VB	VB	KDY	
2	03/03/16	REVISED FOR PERMIT	31200948	VB	VB	KDY	
1	02/10/16	REVISED FOR PERMIT	31200948	VB	VB	KDY	
NO.	DATE	DESCRIPTION	GM/SPEC	DWN	CHKD	SUPV	APVD BY

APPROVED BY	GM 31200949
SUPV	
DSGN	VB
DWN	VB
CHKD	VB
OK	KDY
DATE	09/14/16
SCALES	AS SHOWN

CC-221  
DFM 1613-01, MP 0.019  
CASING REMOVAL  
TRAFFIC CONTROL PLAN  
STOCKTON, CALIFORNIA  
PACIFIC GAS AND ELECTRIC COMPANY  
WALNUT CREEK, CALIFORNIA

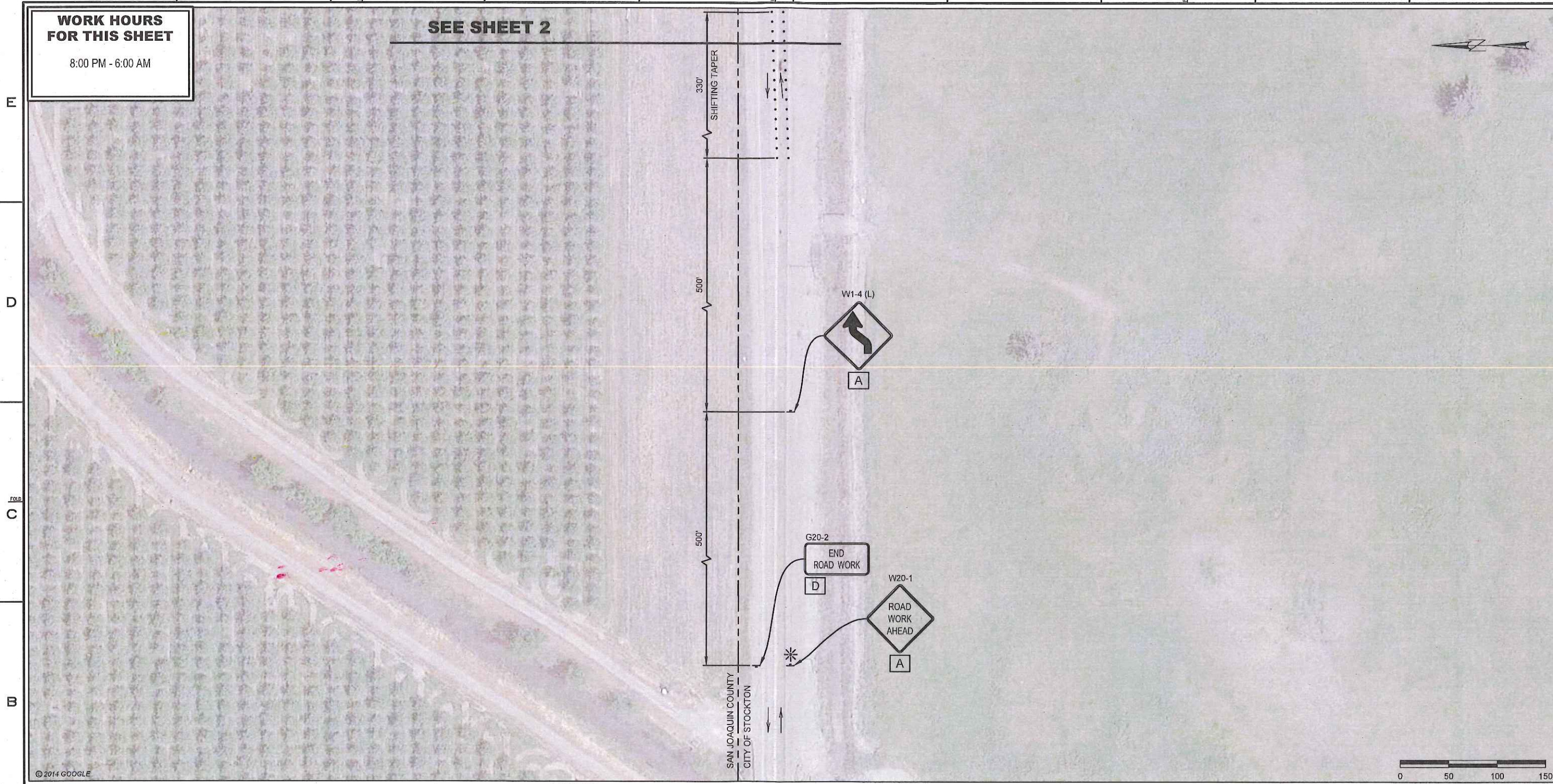


BILL OF MATL	
DWG LIST	
SUPDS	
SUPSD BY	
SHEET NO. 2 OF 7 SHEETS	
31200949	0



**WORK HOURS  
FOR THIS SHEET**  
8:00 PM - 6:00 AM

**SEE SHEET 2**



**CONTRACTOR NOTES:**

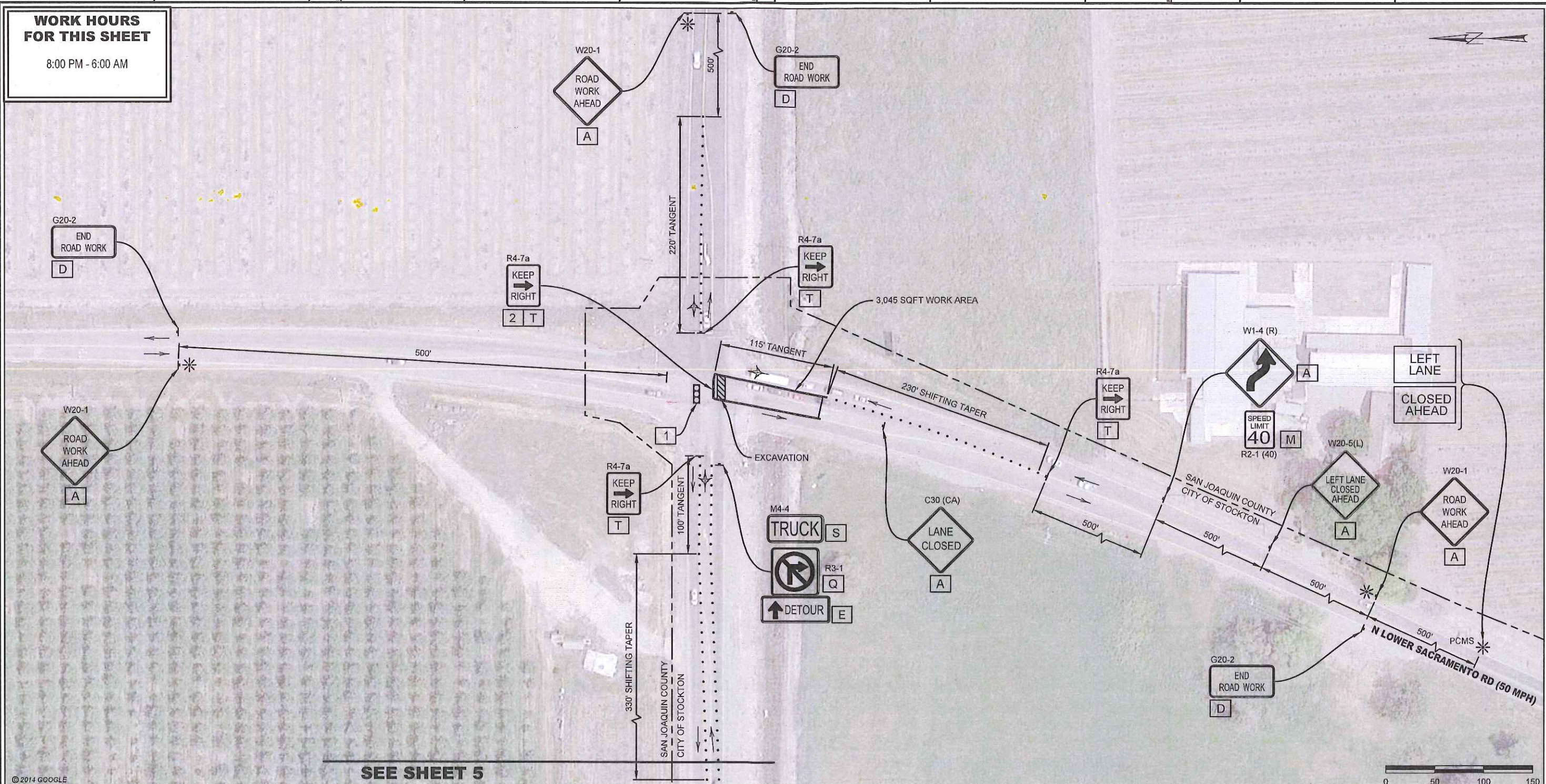
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4. ALL WORKERS SHALL BE EQUIPPED WITH A REFLECTIVE VEST AND HARD HAT. ALL FLAGGERS SHALL ALSO BE EQUIPPED WITH A C28 "STOP/SLOW" PADDLE AND SHALL BE TRAINED IN THE PROPER FUNDAMENTALS OF FLAGGING TRAFFIC.
5. ANY CONFLICTING SIGNS WILL BE COVERED FOR THE LENGTH OF THE JOB.
6. CONTRACTOR SHALL MAINTAIN EMERGENCY VEHICLE AND DRIVEWAY ACCESS AT ALL TIMES.
7. Y&C TRANSPORTATION CONSULTANTS, INC. ASSUMES NO LIABILITY WHEN CONTRACTOR DOES OWN SET UP OR MAKES CHANGES TO THE ORIGINAL TRAFFIC CONTROL PLAN.
8. COUNTY/STATE ENGINEER OR HIS REPRESENTATIVE HAS THE AUTHORITY TO INITIATE FIELD CHANGES TO ASSURE PUBLIC SAFETY.
9. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL PLAN FOR CONSTRUCTION AREAS WHICH ARE NOT COVERED BY THESE TRAFFIC CONTROL PLANS.
10. PLAN IS ACCURATE FOR TRAFFIC CONTROL WORK ONLY. POTHOLE LOCATION IS APPROXIMATE AND IS FOR REFERENCE ONLY.
11. CONTRACTOR SHALL CONSULT WITH THE CITY OF STOCKTON REGARDING ALLOWABLE WORK HOURS PRIOR TO BEGINNING OF WORK.
12. CONTRACTOR SHALL NOTIFY LOCAL RESIDENTS AND BUSINESSES 72 HOURS IN ADVANCE IF TEMPORARY ON-STREET PARKING REMOVAL IS REQUIRED.

**LEGEND**

- = TRAFFIC FLOW DIRECTION
- ↑ = TEMPORARY SIGN POST
- \* = PORTABLE FLASHING BEACON (R = RED, Y = YELLOW)
- = CHANNELIZER (SPACING PER TABLE 1 ON CALTRANS RSP T9)

6	09/14/16	REVISED FOR PERMIT		31200948	VB	VB	KDY		APPROVED BY       VB   VB  KDY	GM 31200949	
5	07/07/16	REVISED FOR PERMIT		31200948	VB	VB	KDY			SUPV	
4	03/25/16	REVISED FOR PERMIT		31200948	VB	VB	KDY			DSGN	VB
3	03/18/16	REVISED FOR PERMIT		31200948	VB	VB	KDY			DWN	VB
2	03/03/16	REVISED FOR PERMIT		31200948	VB	VB	KDY			CHKD	VB
1	02/10/16	REVISED FOR PERMIT		31200948	VB	VB	KDY			OK	KDY
NO.		DATE	DESCRIPTION	GM/SPEC	DWN	CHKD	SUPV	APVD BY			DATE 09/14/16
REVISIONS										SCALES	
										AS SHOWN	





**WORK HOURS FOR THIS SHEET**  
8:00 PM - 6:00 AM

- CONTRACTOR NOTES:**
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- LEGEND**
- = TRAFFIC FLOW DIRECTION
  - ⊥ = TEMPORARY SIGN POST
  - \* = PORTABLE FLASHING BEACON (R = RED, Y = YELLOW)
  - = CHANNELIZER (SPACING PER TABLE 1 ON CALTRANS RSP T9)
  - = PLASTIC WATER-FILLED BARRIER (NCHRP 350 TL-2)

- PROJECT NOTES**
1. CONTRACTOR SHALL COORDINATE WITH THE CITY OF STOCKTON A MINIMUM OF 3 DAYS IN ADVANCE TO SWITCH SIGNAL OPERATION TO FLASHING RED ON ALL APPROACHES.
  2. MOUNT R4-7a SIGN TO WATER BARRIER.

**SIGN PANEL SIZE**

A	48" X 48"	T	18" X 24"
D	48" X 24"		
E	48" X 18"		
M	30" X 36"		
Q	24" X 24"		
S	24" X 12"		

NO.	DATE	DESCRIPTION	GM/SPEC	DWN	CHKD	SUPV	APVD BY
5	09/14/16	REVISED FOR PERMIT	31200948	VB	VB	KDY	
4	07/07/16	REVISED FOR PERMIT	31200948	VB	VB	KDY	
3	03/25/16	REVISED FOR PERMIT	31200948	VB	VB	KDY	
2	03/18/16	REVISED FOR PERMIT	31200948	VB	VB	KDY	
1	02/10/16	REVISED FOR PERMIT	31200948	VB	VB	KDY	

**REVISIONS**

APPROVED BY	CM 31200949
SUPV	
DSCN	VB
DWN	VB
CHKD	VB
OK	VB
KDY	
DATE	09/14/16
SCALE	AS SHOWN

CC-221  
DFM 1613-01, MP 0.019  
CASING REMOVAL  
TRAFFIC CONTROL PLAN  
STOCKTON, CALIFORNIA  
PACIFIC GAS AND ELECTRIC COMPANY  
WALNUT CREEK, CALIFORNIA

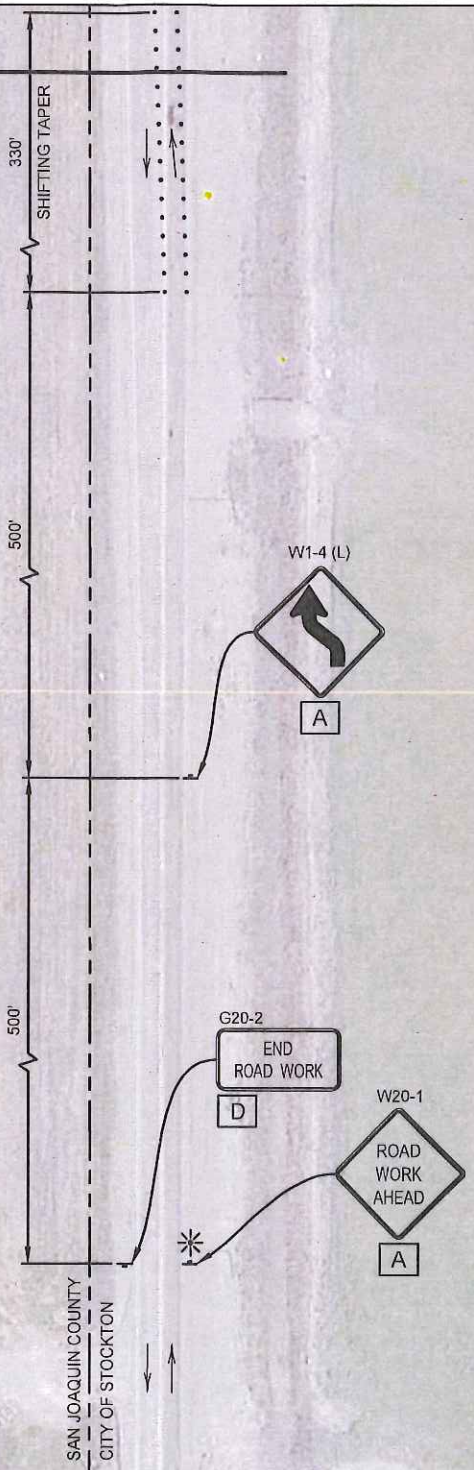
**PROFESSIONAL ENGINEER**  
K. DANIEL YAU  
No. 14611  
Exp. 03/31/18  
CIVIL  
STATE OF CALIFORNIA  
09/14/16

**BILL OF MATL**  
DWG LIST  
SUPDS  
SUPSD BY  
SHEET NO. 4 OF 7 SHEETS  
31200949 0



**WORK HOURS  
FOR THIS SHEET**  
8:00 PM - 6:00 AM

**SEE SHEET 4**



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**CONTRACTOR NOTES:**

1. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND CALTRANS STANDARD PLANS AND SPECIFICATIONS.
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**LEGEND**

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- \* = PORTABLE FLASHING BEACON (R = RED, Y = YELLOW)
- = CHANNELIZER (SPACING PER TABLE 1 ON CALTRANS RSP T9)

**SIGN PANEL SIZE**  
A 48" X 48"  
D 48" X 24"

**PROFESSIONAL ENGINEER**  
K. DANIEL YAU  
No. 44811  
Exp. 3/31/18  
CIVIL  
STATE OF CALIFORNIA  
09/14/16

MICROFILM

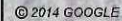
NO.		DATE	DESCRIPTION	GM/SPEC	DWN	CHKD	SUPV	APVD BY
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5	07/07/16	REVISED FOR PERMIT		31200948	VB	VB	KDY	
4	03/25/16	REVISED FOR PERMIT		31200948	VB	VB	KDY	
3	03/18/16	REVISED FOR PERMIT		31200948	VB	VB	KDY	
2	03/03/16	REVISED FOR PERMIT		31200948	VB	VB	KDY	
1	02/10/16	REVISED FOR PERMIT		31200948	VB	VB	KDY	
NO.		DATE	DESCRIPTION	GM/SPEC	DWN	CHKD	SUPV	APVD BY
6	09/14/16	REVISED FOR PERMIT		31200948	VB	VB	KDY	
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3	03/18/16	REVISED FOR PERMIT		31200948	VB	VB	KDY	
2	03/03/16	REVISED FOR PERMIT		31200948	VB	VB	KDY	
1	02/10/16	REVISED FOR PERMIT		31200948	VB	VB	KDY	

CC-221  
DFM 1613-01, MP 0.019  
CASING REMOVAL  
TRAFFIC CONTROL PLAN  
STOCKTON, CALIFORNIA  
**PACIFIC GAS AND ELECTRIC COMPANY**  
WALNUT CREEK, CALIFORNIA

BILL OF MATL	
DWG LIST	
SUPSDS	
SUPSD BY	
SHEET NO. 5 OF 7	SHEETS
31200949	0










8:00 PM - 6:00 AM



## A

1. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND CALTRANS STANDARD PLANS AND SPECIFICATIONS.
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## PCM

- |   |  |
|---|--|
|  | = TRAFFIC FLOW DIRECTION                               |
|  | = TEMPORARY SIGN POST                                  |
|  | = PORTABLE FLASHING BEACON (R = RED, Y = YELLOW)       |
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|  | = PORTABLE CHANGEABLE MESSAGE SIGN                     |

## 1

- ☐ CONTRACTOR SHALL COORDINATE WITH THE CITY OF STOCKTON A MINIMUM OF 3 DAYS IN ADVANCE TO SWITCH SIGNAL OPERATION TO FLASHING RED ON ALL APPROACHES.

6	09/14/16	REVISED FOR PERMIT	31200948	VB	VB	KDY	APPROVED BY SM 31200949 SUP DSGN VB DWN VB VB CHKD VB VB OK KDY	DATE 09/14/16
3	07/07/16	REVISED FOR PERMIT	31200948	VB	VB	KDY		SCALES
4	03/25/16	REVISED FOR PERMIT	31200948	VB	VB	KDY		AS SHOWN
3	03/18/16	REVISED FOR PERMIT	31200948	VB	VB	KDY		
2	03/03/16	REVISED FOR PERMIT	31200948	VB	VB	KDY		
1	02/10/16	REVISED FOR PERMIT	31200948	VB	VB	KDY		
NO.	DATE	DESCRIPTION	GM/SPEC	DWN	CHKD	SUPV	APVD BY	
REVISIONS								

**SIGN PANEL SIZE**

<b>A</b>	48" X 48"	<b>T</b>	18" X 24"
<b>D</b>	48" X 24"		
<b>E</b>	48" X 18"		
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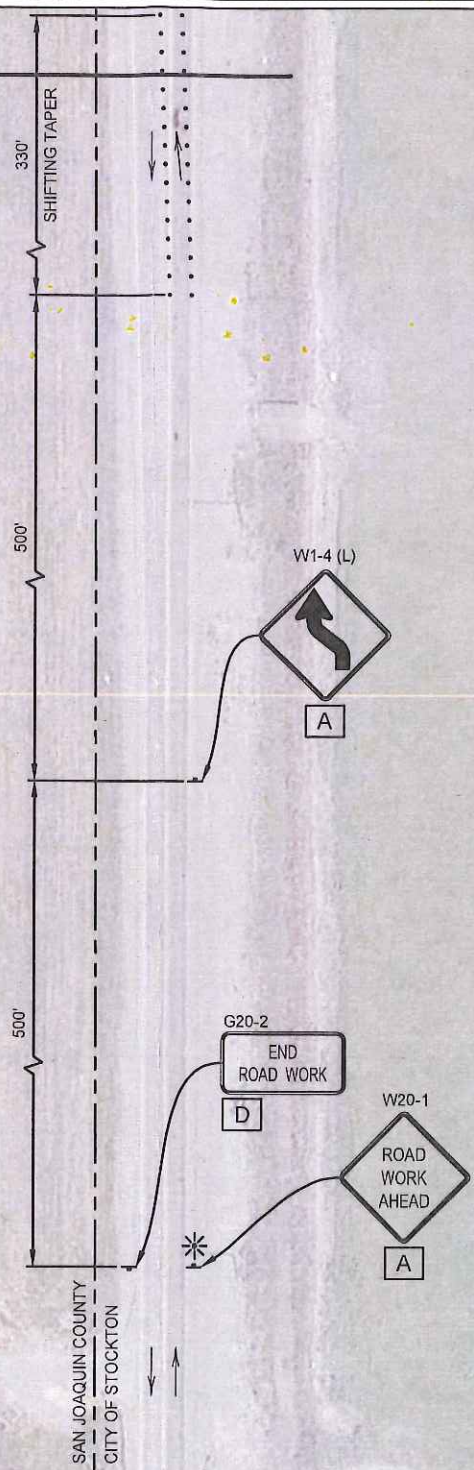
CC-221  
DFM 1613-01, MP 0.019  
CASING REMOVAL  
TRAFFIC CONTROL PLAN  
STOCKTON, CALIFORNIA  
**PACIFIC GAS AND ELECTRIC COMPANY**  
WALNUT CREEK, CALIFORNIA

BILL OF MATL	
DWG LIST	
SUPSDS	
SUPSD BY	
SHEET NO. 6 OF 7	SHEETS
31200949	0



**WORK HOURS  
FOR THIS SHEET**  
8:00 PM - 6:00 AM

**SEE SHEET 6**



**CONTRACTOR NOTES:**

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**LEGEND**

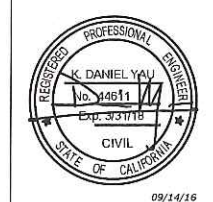
- = TRAFFIC FLOW DIRECTION
- 1 = TEMPORARY SIGN POST
- \* = PORTABLE FLASHING BEACON (R = RED, Y = YELLOW)
- = CHANNELIZER (SPACING PER TABLE 1 ON CALTRANS RSP T9)

NO.	DATE	DESCRIPTION	GM/SPEC	DWN	CHKD	SUPV	APVD BY
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2	03/03/16	REVISED FOR PERMIT	31200948	VB	VB	KDY	
1	02/10/16	REVISED FOR PERMIT	31200948	VB	VB	KDY	

APPROVED BY	GM 31200949
SUPV	
DSGN	VB
DWN	VB
CHKD	VB
OK	KDY
DATE	09/14/16
SCALES	AS SHOWN

CC-221  
DFM 1613-01, MP 0.019  
CASING REMOVAL  
TRAFFIC CONTROL PLAN  
STOCKTON, CALIFORNIA  
**PACIFIC GAS AND ELECTRIC COMPANY**  
WALNUT CREEK, CALIFORNIA

**SIGN PANEL SIZE**  
A 48" X 48"  
D 48" X 24"



BILL OF MATL	
DWG LIST	
SUPDS	
SUPSD BY	
SHEET NO. 7 OF 7	SHEETS
31200949	0