



# 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-1800985**  
Date Issued: 03/26/2018  
Start Date: 06/14/2018  
Exp. Date: 06/15/2019  
Project No: PWP730052  
Quad: ES

UE/CR/PM NO:31308331

## ENCROACHMENT PERMIT

To: PACIFIC GAS & ELECTRIC - STOCKTON  
PO BOX 930  
STOCKTON, CA 95201

### Encroachment Type:

Trench			
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### Location:

COOLIDGE RD & CARROLL RD(WASHINGTON TO HORNER)

In compliance with your request of **03/26/2018**, permission is hereby granted to do work in County right-of-way as shown on attached application and subject to all the terms, conditions and restrictions written below or printed as general or special provisions on any part of this form. See reverse side and attached sheet, if any.

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

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

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

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

### Special Comments:

Traffic Control Per MUTCD
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FORMS: 

SS/WW, R-29		
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Est. Permit Fee: \$1,068.34

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 1-16-18

To: San Joaquin County  
Department of Public Works

PGE

(Applicant Name)

4040 West Ln

(Mailing Address)

Stockton CA 95204

(City, State, Zip Code)

408-316-1767

(Area Code - Telephone Number)

## OFFICE USE ONLY

JOB #

730052

REF #

APN

CR #

EXP. DATE

VALID

6-14-18

TO

6-15-19

DRIVEWAYS:

STREET

Coolidge & Carroll

AREA

Stockton

QUAD

CC

TYPE

FORMS

NOTES

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Sketch (Detailed plans may be submitted)

SEE ATTACHED

3130 & 331

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the East side of S. Coolidge & S. Carroll approximately Between feet/mile of Washington & Horner, Stockton, by performing the following work (description of work):

To Install New Gas Main & Services behind edge of pavement

CCTV Inspection May Take Place

Work will commence on or about 6/14/18 for approximately 150 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.

Signature of Applicant - Title

Date

1-22-18



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 PACIFIC GAS & ELECTRIC, including any facilities that are abandoned in place. PACIFIC GAS & ELECTRIC 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 PACIFIC GAS & ELECTRIC'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.



### Notes for Figure 6H-11—Typical Application 11 Lane Closure on a Two-Lane Road with Low Traffic Volumes

**Option:**

1. This TTC zone application may be used as an alternate to the TTC application shown in Figure 6H-10 **6H-10(CA)** (using flaggers) when the following conditions exist:
  - a. Vehicular traffic volume is such that sufficient gaps exist for vehicular traffic that must yield.
  - b. Road users from both directions are able to see approaching vehicular traffic through and beyond the worksite and have sufficient visibility of approaching vehicles.
2. The Type B flashing warning lights may be placed on the ROAD WORK AHEAD and the ONE LANE ROAD AHEAD signs whenever a night lane closure is necessary.

**Standard:**

3. The approach to the side that is not closed shall be visible (for a distance equal to the safe passing sight distance for that approach) to the road user who must yield or stop.

**Support:**

See Section 3B.02 and 6C.15.



**Figure 6H-11. Lane Closure on a Two-Lane Road with Low Traffic Volumes (TA-11)**

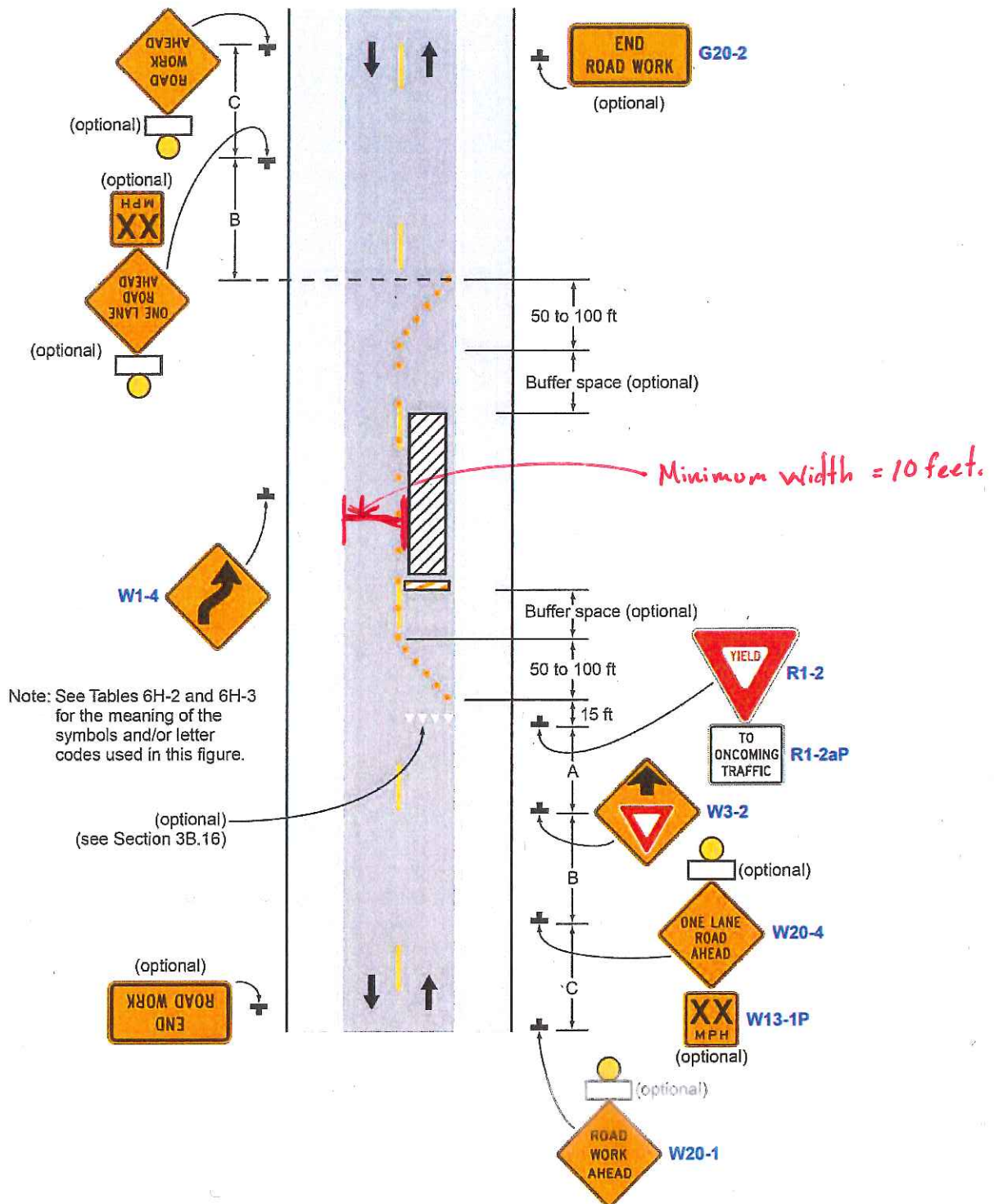
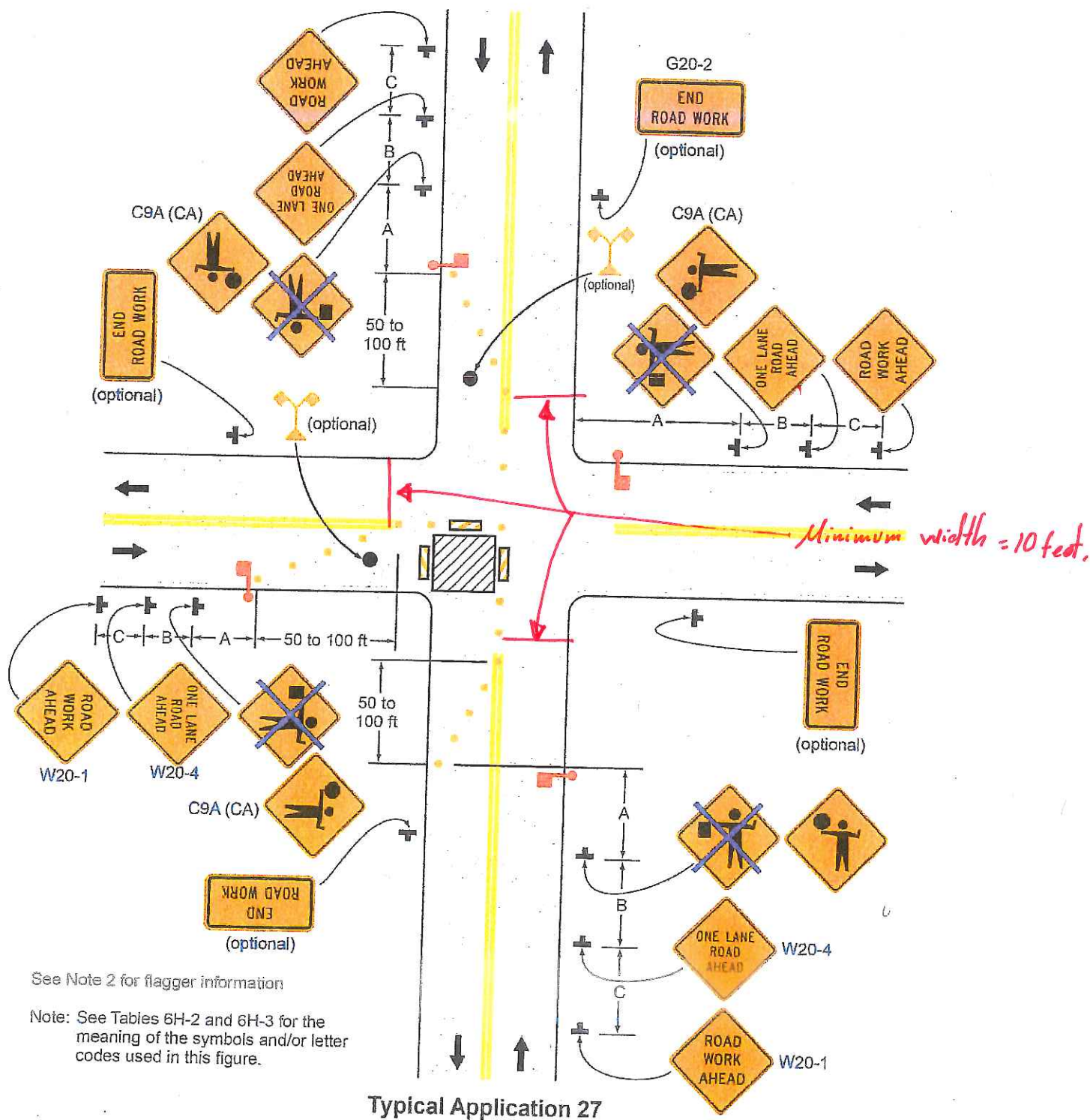
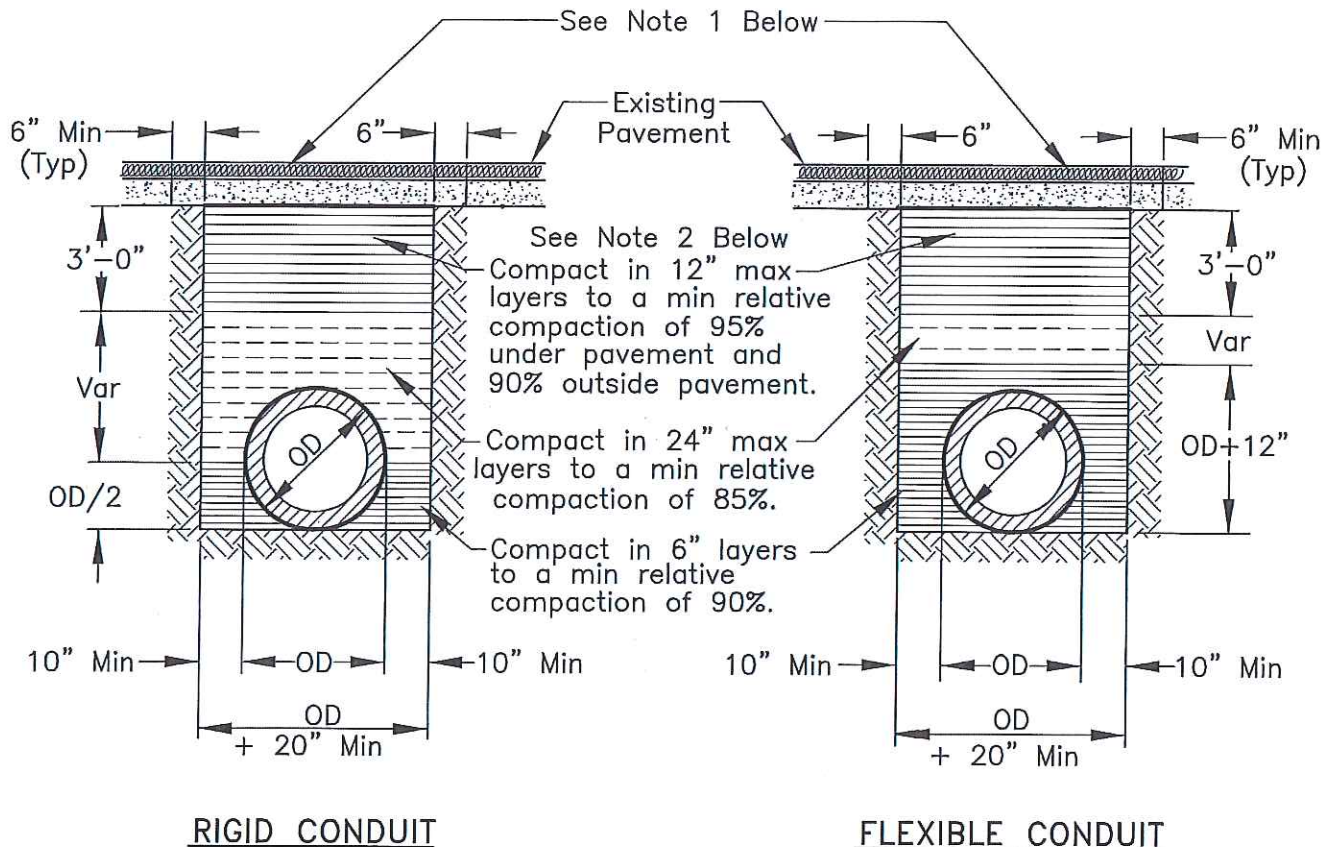




Figure 6H-27. Closure at the Side of an Intersection (TA-27)

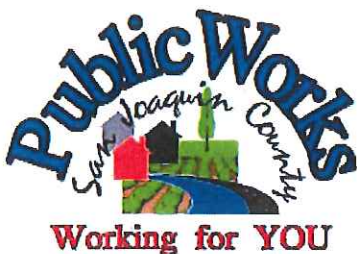






#### NOTES:

1. New pavement shall be 1" thicker than existing pavement, minimum of 0.25 Ft. New base shall be 1" thicker than existing base, min of 0.50 Ft.
2. Select native material or imported granular material as approved by the Director of Public Works. Backfill with materials equal to or better than the existing pavement and base in quality.
3. Relative compaction of materials shall be tested in accordance with the State of California, Dept. of Transportation Testing Manuals, test method No. California 216 or 231.
4. All existing pavement shall be neatly cut to line prior to trench excavation.
5. Jetting or ponding will be permitted within the street right-of-way with a 3 year bond, when approved by the Director of Public Works.
6. When shown by soil composition and compactability, ninety percent (90%) compaction may be used, when approved by the Director of Public Works.
7. Special bedding and backfill requirements may be shown on the plans or specified in the special provisions.



## TYPICAL TRENCH BACKFILL

COUNTY OF SAN JOAQUIN  
DEPARTMENT OF PUBLIC WORKS

Approved by:

*Thomas M. Hall*

No.	Revision	Description	Date

Date: DEC 2014

Std. Dwg. No.

**R-29**



## 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	d. The local fire district
b. The County of San Joaquin Sheriff's Office	e. The local school district
c. The local postal service	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 with 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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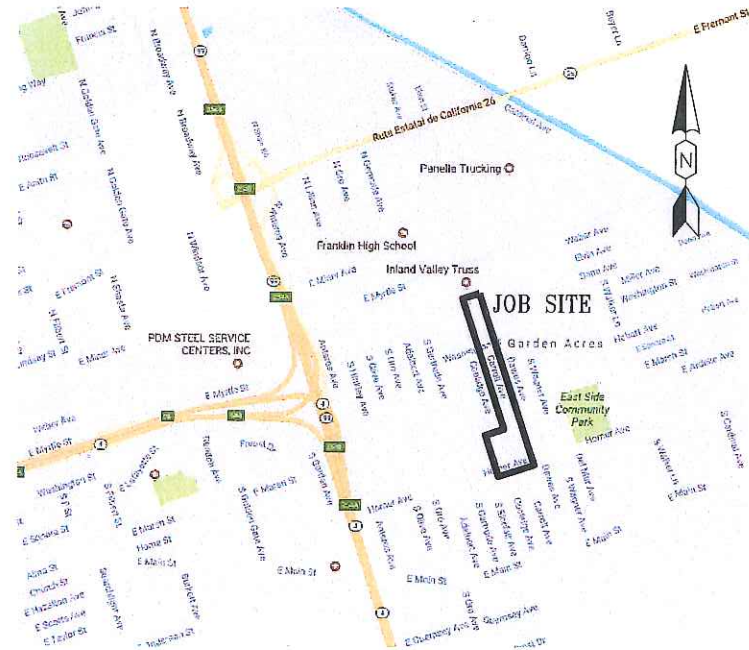
1. SUPERVISION: The utility company (permittee) shall furnish full-time supervision of all work to insure compliance with the permit provision.
2. START OF WORK: No work within the County right-of-way shall be started until the utility company representative has made an evaluation of weather conditions 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.



# PERMIT DRAWING - GAS PIPELINE REPLACEMENT

S CARROLL AVE & S COOLIDGE AVE  
STOCKTON, CALIFORNIA

VICINITY MAP



JOB SITE

## LEGEND

- PROPERTY LINE
- EXISTING GAS MAIN
- EXISTING GAS SERVICE
- PROPOSED GAS MAIN
- PROPOSED GAS SERVICE
- EXISTING SEWER
- EXISTING STORM DRAIN w/ INLET
- EXISTING WATER
- T TIES-IN TO GAS SYSTEM
- DE DEAD-END GAS MAIN
- T.B.D. TO BE DEACTIVATED
- PROP. PROPOSED
- EX. EXISTING
- C CUT-OFF
- CAP
- END-OF-LINE
- IN-LINE TEE
- ELBOW
- 6' x 8' BELLHOLE (MAIN TIE-IN) - 5
- 5' x 7' BELLHOLE (SERVICE TIE-IN) - 79

## WORK SUMMARY

- INSTALL 3,018' OF 2" HP PL GAS DISTRIBUTION MAIN USING HDD
- DEACTIVATE 3,031' OF 2" HP STL GAS DISTRIBUTION MAIN
- REPLACE 59 STL OR ALDYL-A SERVICES
- CUT, TEST & TRANSFER 15 PL SERVICES TO NEW MAIN
- CUT-OFF 5 SERVICES

## GAS NOTES

- PRIOR TO STARTING WORK, CONTACT LOCAL AREA CORROSION SUPERVISOR REGARDING CATHODIC PROTECTION REQUIREMENTS AND I&R SUPERVISOR REGARDING ANY SHUTDOWN, DEACTIVATION, OR TIE-IN OF ANY MAINS WHICH MAY AFFECT ANY DISTRICT REGULATOR STATION.
- ALL WELDING, TIE-INS, CUTTING OFF AND CAPPING OF CAST IRON, STEEL, AND PLASTIC MAIN TO BE DONE PER GS&S D-22, A-36, C-37, AND TD-4160P-20 & GAS WELDING CONTROL MANUAL TD-4160M.
- PURGE MAINS 10" IN DIAMETER & LESS PER GS&S A-38, ATTACHMENT A, PROCEDURE 2. PURGE MAINS GREATER THAN 10" IN DIAMETER PER GS&S A-38, ATTACHMENT A, PROCEDURE 3.
- DEACTIVATE ALL UNDERGROUND GAS FACILITIES PER UTILITY PROCEDURE TD-9500P-16 & GS&S A-93.2.
- PLACE ELECTRONIC MARKING SYSTEM (EMS) DEVICES ON ALL CUT OFF ENDS AND SECTIONALIZING POINTS OF DEACTIVATED PIPE PER TD-9500P-16.
- FOLLOW ALL MINIMUM INSTALLATION DEPTHS FOR TRANSMISSION, DISTRIBUTION AND SERVICE PIPE BY CLASS LOCATION AND SOIL TYPES OUTLINED IN GS&S A-04.
- ALL GAS RISERS ARE TO BE INSTALLED IN ACCORDANCE WITH GS&S J-15 & J-15.1.
- INSTALL METER PROTECTION PER GS&S J-95.
- VENT REGULATORS PER GS&S H-93.
- INSTALL PVC SUPPORT CLAMPS ON ALL ALDYL-A PIPE SQUEEZE POINT PER GS&S B-53.1.
- LOCATION OF EXISTING UTILITIES ARE APPROXIMATE. CALL UNDERGROUND SERVICES ALERT (USA) TO CONFIRM. GAS PIPELINES MUST BE INSTALLED WITH AT LEAST 3' OF SEPARATION (5' PREFERRED) ON ANY PARALLELED INSTALLATION FROM ANY WET UTILITY AND 12" MINIMUM FROM ANY PERPENDICULAR CROSSING PER U.O. STANDARD S5453.
- CONSTRUCTION SHALL NOTIFY MAPPING WITHIN 24 HOURS OF ALL OPERATIONAL CHANGES TO MAINS, INCLUDING EVERY TIE-IN, CUT OFF, UPRATE, ETC. PER U.O. STANDARD S4412.
- ALL STEEL RISERS ARE TO BE REPLACED WITH NON CORRODIBLE RISERS OR REPLACED BY USING THE RISER INSERT RENEWAL INSTALLATION PER GS&S A-90.
- ALL SERVICES AND MAINS TO BE TESTED PRIOR TO TIE-IN PER GS&S A-34.
- INSTALL PLASTIC MAIN, SERVICES, & LOCATING WIRE PER GS&S A-34, A-90, A-90.2, A-90.3, A-91, A-93, A-93.1, A-93.3, UTILITY STANDARD TD-4170S, D-34 & CORROSION CONTROL STANDARD TD-4181S.
- INSTALL ANODES PER CORROSION CONTROL MANUAL O-13.1.
- INSTALL ELECTROLYSIS TEST STATIONS PER CORROSION CONTROL MANUAL O-10 AND O-10.1.
- ALL EXCAVATION TO BE PERFORMED PER TD-5811M, TD-5811P-301, TD-5811P-105, TD-4412P-05, AND TD-4621S. STANDBY REQUIRED IF EXCAVATING WITHIN 5' OF A CRITICAL FACILITY, BORING ACTIVITY THAT CROSSES OR THAT PARALLELS WITHIN 10' OF A CRITICAL FACILITY, CONTACT THE CONSTRUCTION SUPERVISOR.
- NOTIFY SCHOOLS AND HOSPITALS WITHIN 500' OF PROPOSED EXCAVATION FOR GAS FACILITIES A MINIMUM OF 3 DAYS PRIOR TO DIGGING PER AB 1937.
- ANY PIPE REPLACEMENT VIA SPLITTING TO BE DONE PER TD-4634P-01 & TD-4634P-02.
- CAMERA INSPECTION (PRE/POST) FOR TRENCHLESS METHODS TO BE PERFORMED PER TD-4632P-01.
- WARNING TAPE IS TO BE INSTALLED IN OPEN TRENCH INSTALLATION OVER GAS PIPELINES IN BOTH TRANSMISSION AND DISTRIBUTION FACILITIES. THIS INCLUDES BELL HOLES, EXCAVATIONS FOR REPAIR PURPOSES AND RISER REPLACEMENTS PER GS&S L-16.
- ALL FIELD CHANGES REQUIRE PRIOR APPROVAL PER TD-4014P-01.
- REMOVE AND TEST PRE 1971 PIPE WRAP FOR ASBESTOS PER TD-4711P-01.
- ALL TRENCH SPOILS AND BACKFILL MUST BE USED OR DISPOSED WITH AS REQUIRED BY PG&E SPECIFICATIONS AND ANY LOCAL CITY, COUNTY OR STATE REQUIREMENTS.
- GRADE TO INSTALL/RESTORE TEMPORARY AND/OR PERMANENT PAVING IN ACCORDANCE WITH PG&E SPECIFICATIONS AND ANY LOCAL CITY, COUNTY OR STATE REQUIREMENTS.
- STAND-BY REQUIREMENTS MUST BE IN ACCORDANCE WITH TD-5811P-301, TD-5811P-105 & TD-5811B-005 WITH WORKING NEAR ANY CRITICAL FACILITIES.
- MONUMENT PRESERVATION AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS' ACT (BUSINESS AND PROFESSION CODE SUB-SECTION 8700-8805) SECTION 8771; PRIOR TO THE START OF CONSTRUCTION, ALL SURVEY MONUMENTS, WITHIN THE PROJECT LIMITS THAT HAVE THE POSSIBILITY OF BEING DAMAGED OR DESTROYED DURING CONSTRUCTION, MUST BE LOCATED, AND REFERENCED BY A LICENSED LAND SURVEYOR, AND A CORNER OF RECORD OR RECORD OF SURVEY SHALL BE FILED WITH THE COUNTY SURVEYOR. IF ANY OF THESE SURVEY MONUMENTS ARE DESTROYED, DAMAGED OR COVERED OVER DURING CONSTRUCTION, A NEW MONUMENT AND MONUMENT BOX MUST THEN BE SET IN ITS PLACE, AT THE ORIGINAL LOCATION, BY A LICENSED LAND SURVEYOR, AND ANOTHER CORNER OF RECORD OR RECORD OF SURVEY FILED WITH THE COUNTY SURVEYOR.

MAINTAIN 1" MINIMUM VERTICAL CLEARANCE & 3' MINIMUM (5' PREFERRED) HORIZONTAL CLEARANCE WITH ALL SEWER AND STORM DRAIN FACILITIES.

## CONTACTS

ESTIMATOR: DARYL PIERCEY (D4P6) (559) 347-5101  
ADE: TISHA CARDOZA (TWCE) (559) 347-5101  
ENGINEER: AARON YU (ANY3) (209) 932-6461  
PLANNING ENGINEER: DAVE RYMERS (DCRS) (209) 942-1626  
SENIOR ENGINEER: KIRAN BAINS (KBBA) (707) 631-2711  
ENGINEERING SUPERVISOR: TOM NORMAN (TN2) (209) 576-6531  
CORROSION MECHANIC: TONY GRIFFIN (AGGB) (209) 603-9843  
PROJECT MANAGER: NICK BERONILLA (N2BB) (209) 229-5218  
CUSTOMER OUTREACH: WILLIAM CALVIN (WCC9) (510) 423-2431  
CORROSION SUPERVISOR: MARCOS OCEGUERA (MAOB) (510) 621-9204

GAS PROJECT



PERMIT DRAWING-GAS PIPELINE REPLACEMENT

REPLACE 3,031' 2" HP STL GAS DISTRIBUTION MAIN w/ 2" PL  
S CARROLL AVE & S COOLIDGE AVE  
STOCKTON, CALIFORNIA

PG&E GDED ESTIMATING  
8 RIVER PARK PLACE EAST  
FRESNO, CALIFORNIA

EST: DARYL PIERCEY (D4P6)  
ADE: TISHA CARDOZA (TWCE)  
SUPV: HERMAN GREGORIO (H0E3)  
ENGR: AARON YU (ANY3)  
PJM: NICK BERONILLA (N2BB)

SCALE: 1"=40'

DATE: 12/21/2017

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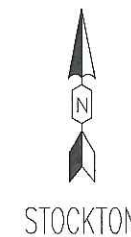




MATCH LINE (PAGE 2)

MATCH LINE (PAGE 2)

# PERMIT DRAWING



NEW MAIN INSTALLED 1.5' BEHIND  
EDGE OF PAVEMENT 14' FROM  
CENTER LINE

INSTALL 955' 2" HP PL  
DEACTIVATE 955' 2" HP STL

MATCH LINE (PAGE 4)

MATCH LINE (PAGE 4)

## GAS PROJECT



PERMIT DRAWING-GAS PIPELINE REPLACEMENT

REPLACE 3,031' 2" HP STL GAS DISTRIBUTION MAIN w/ 2" PL  
S CARROLL AVE & S COOLIDGE AVE  
STOCKTON, CALIFORNIA

EST: DARYL PERCEY (DUPG)  
ADE: TISHA CARDONA (TMCE)  
SUPE: HERMAN GREGORO (HGG3)  
ENGR: AARON YU (AYC3)  
PME: NICK BERNILLA (NB88)  
SCALE: 1"=40'

PG&E GDED ESTIMATING  
8 RIVER PARK PLACE EAST  
FRESNO, CALIFORNIA  
PACIFIC GAS & ELECTRIC COMPANY

CO: SD: NOTIF: 11283806  
Other: SHEET: 3 of 4  
PM: 31308331  
REV: 0

0 1 2  
INCH



# PERMIT DRAWING

NEW MAIN INSTALLED 1.5' BEHIND  
EDGE OF PAVEMENT 14' FROM  
CENTERLINE

NEW MAIN INSTALLED 1.5' BEHIND  
EDGE OF PAVEMENT 14' FROM  
CENTERLINE

MATCH LINE (PAGE 3)

MATCH LINE (PAGE 3)

INSTALL 497' 2" HP PL  
DEACTIVATE 497' 2" HP STL

INSTALL 638' 2" HP PL  
DEACTIVATE 644' 2" HP STL

HORNER AVE (50')

S COOLIDGE AVE (50')

S CARROLL AVE (50')

STOCKTON

GAS PROJECT

PERMIT DRAWING-GAS PIPELINE REPLACEMENT

REPLACE 3,031' 2" HP STL GAS DISTRIBUTION MAIN w/ 2" PL  
S CARROLL AVE & S COOLIDGE AVE  
STOCKTON, CALIFORNIA

EST: DARYL PIERCE (DAP)

ADD: TISHA CARDONZA (TNC)

SUPV: HERMAN GREGGIO (HGC)

ENGR: ARON YU (ANY)

PM: NICK BERNILLA (NBB)

SCALE: 1"=40'

DATE: 12/21/2017

APD BY

SUPV

NO.

DATE

DESCRIPTION

REVISIONS

PG&E GDED ESTIMATING

8 RIVER PARK PLACE EAST

FRESNO, CALIFORNIA

PACIFIC GAS & ELECTRIC COMPANY

CO: SD: NOTIF: 11253006

SHEET: 4 of 4

REV. 0