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-1402211**
Date Issued: 08/04/2014
Exp. Date: 11/01/2014
Project No: PWP730052
Quad: NE

UE/CR/PM NO:PM31080356

ENCROACHMENT PERMIT

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

Encroachment Type:

Bell Hole	Trench		

Location:
S/S OF PALMER AVE. 90' E/O CHERRYLAND AVE.

In compliance with your request of **08/04/2014** , permission is hereby granted to do work in County right-of-way as shown on attached application and subject to all the terms, conditions and restrictions written below or printed as general or special provisions on any part of this form. See reverse side and attached sheet, if any.

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

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

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

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

Special Comments:
Traffic Control Per MUTCD

FORMS: SS/WW, R-29

Est. Permit Fee: $560.85

THOMAS M. GAU, Director
Department of Public Works

By: _____
Permit Section

WHITE	-Permittee
GOLDENROD	-PWD Central File
YELLOW	-Field Inspection
PINK	-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 within the work herein permitted. If any are disturbed, the Permittee is required to tie out each location and re-establish them after completion of work, using a licensed land surveyor. A corner record must be filed in accordance with state law for any re-set monuments.

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 7/8/14

To: San Joaquin County
Department of Public Works

Pacific Gas & Electric
P.O. BOX 930
STOCKTON, CA 95201
209-942-1627

OFFICE USE ONLY

JOB #	PWP-2300052-6	REF #	
APN		CR #	
EXP. DATE	11-1-2014		
VALID	8-1-2014 TO 11-1-2014		DRIVEWAYS:
STREET	Palmer Ave		*
AREA	Stockton QUAD NE		*
TYPE	Bellhole trench in Dirt		
FORMS	SS/WW		
NOTES			

Sketch (Detailed plans may be submitted)

See attached sketch.

PM 31080356
Notif.

Traffic Control Plan
shall be as per
current M.U.T.C.D.
California supplement

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the South side of Palmer Ave. approximately 90' feet/~~mile~~ East of Cherryland Rd. Stockton, by performing the following work (description of work): Bellhole & trench to install gas service to new residence at 4436 Cherryland.

Work will commence on or about 7/28/14 for approximately 90 days.

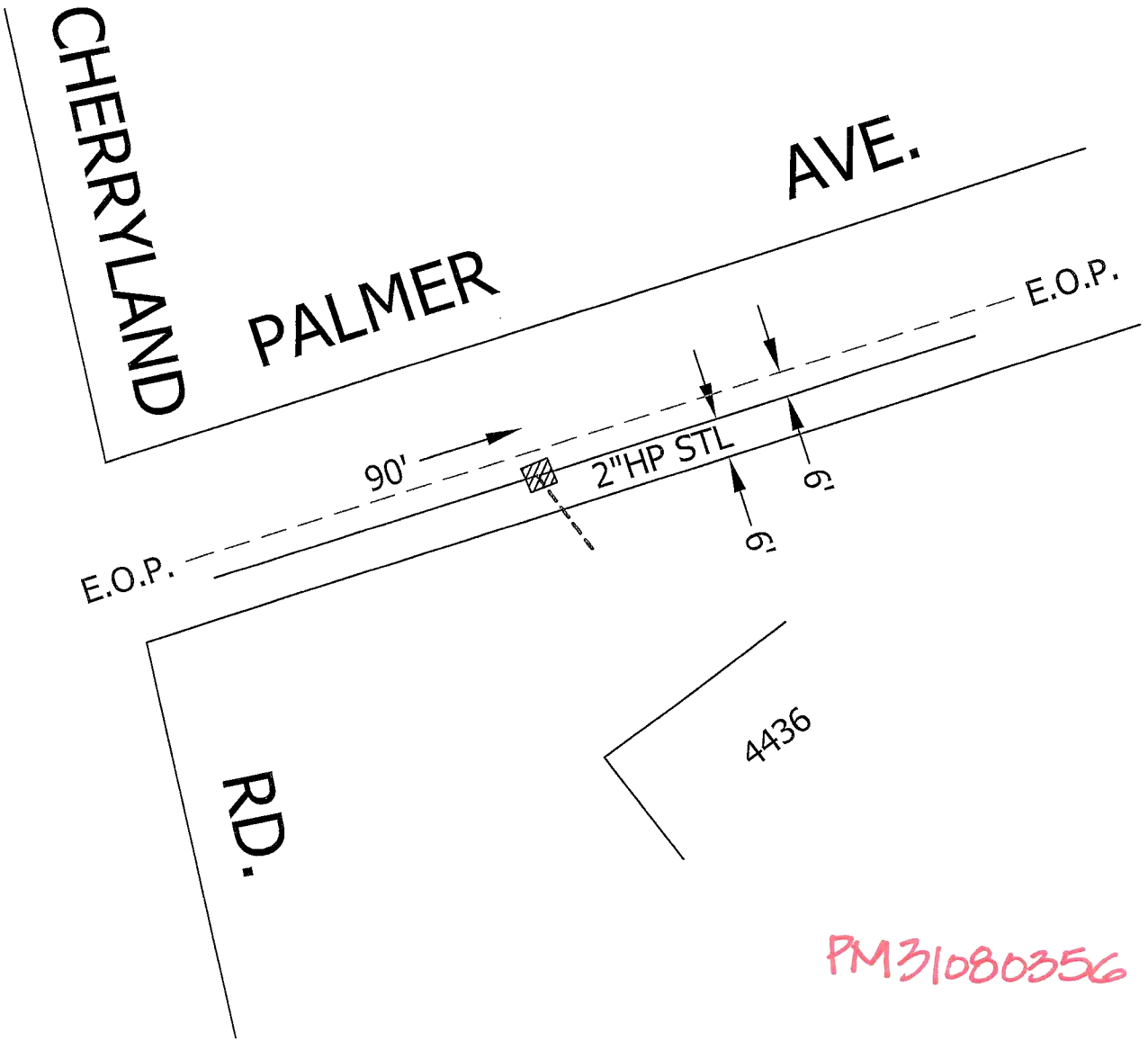
I, the undersigned, certify that I am the owner of the respective property, or am qualified to represent the owner and agree to do the work described above in accordance with the rules and regulations of San Joaquin County and subject to inspection and approval.

Jan Boucher - Sr. Gas Estimator — 7/8/14

Signature of Applicant - Title — Date

E:\PUB-SVC\WK\MASTER.PS\ENCROACHMENT PERMIT APPLICATION.DOC (01/08)

Return Permits to:
CCD
P.O. Box 930
Stockton, CA 95201-0930



PM31080356

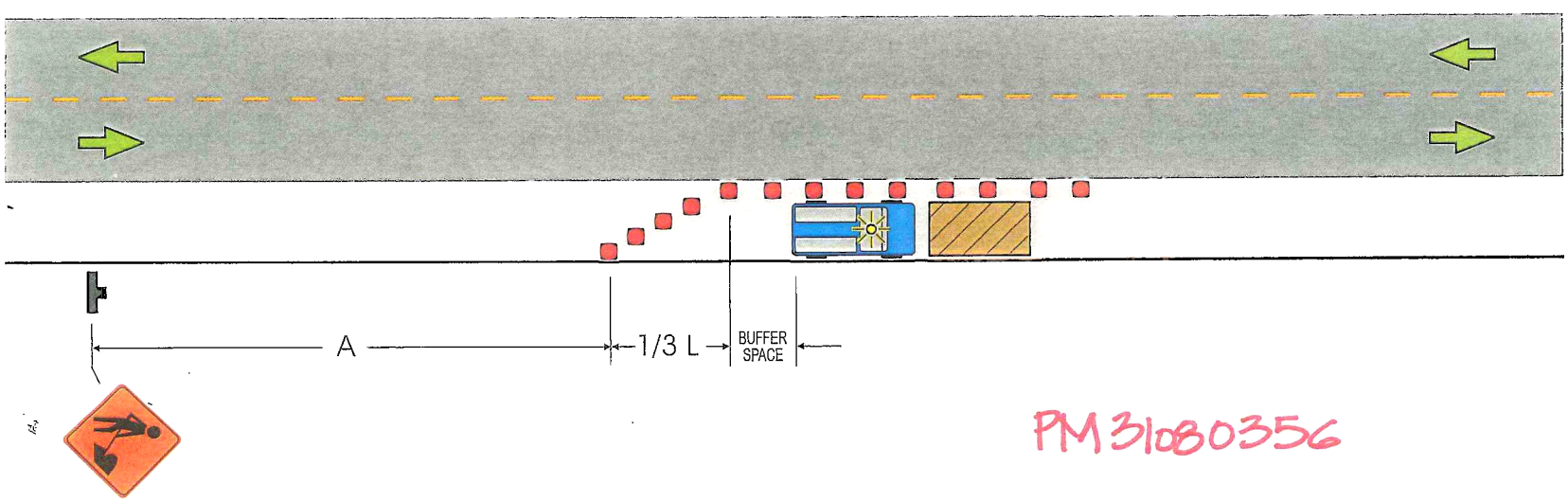
UTA-2 Work on Shoulders

1. A WORKER SYMBOL sign should be placed on the left side of a divided or one-way roadway if only the left shoulder is affected.
2. For short-duration operations 60 minutes or less, all signs and channelizing devices may be eliminated if a vehicle with an activated flashing or revolving yellow light is used.

NOTE: When no lane encroachment is required, "W" equals width of existing, adjacent lane.

PALMER

CHERRY LAND



PM 3 1080356

SIGN SPACING DISTANCE	
ROAD TYPE	A
Urban - 25 MPH or less	200'
Urban - 30 MPH or more	350'
Rural	500'
Expressway/Freeway	1000'

SEE:
- TABLE 1 for Buffer Length (page 26)
- TABLE 4 for "L" & Channelizer (cones, etc.) Quantity (page 28)

NOTE: LOCAL REGULATIONS MAY VARY.

PGEFM1A

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TABLE 1. Guidelines for length of longitudinal buffer space

This table to be used for determining buffer space lengths on all typical application diagrams.

SPEED* MPH	LENGTH in feet
20	35'
25	55'
30	85'
35	120'
40	170'
45	220'
50	280'
55	335'
60	415'

**Posted speed or the anticipated operating speed in mph.*

TABLE 2.
Taper length criteria for temporary traffic control zones

TYPE OF TAPER	TAPER LENGTH
Upstream Tapers:	
• Merging Tapers	L Minimum
• Shifting Tapers	1/2 L Minimum
• Shoulder Tapers	1/3 L Minimum
• Two-Way Traffic (Flagger) Tapers	100 Feet Max
Downstream Tapers: • (Use is optional)	100 Feet Min

Formula for Taper Length "L"

L = W x S x S/60 FOR 40 MPH OR LESS

L = W x S FOR 45 MPH OR MORE

L = MINIMUM LENGTH OF TAPER IN FEET
W = WIDTH OF OFFSET IN FEET
S = SPEED IN MPH

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NOTE: Local regulations may vary.

TABLE 4. Taper length (L) / Channelizer (cones, etc.) quantity Index

MPH	WIDTH OF LANE OFFSET (From Normal Lane Width Due To Work Zone)													
	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	17'	18'
30	75'	90'	105'	120'	135'	150'	165'	180'	195'	210'	225'	240'	255'	270'
	(3)	(3)	(4)	(5)	(5)	(6)	(6)	(7)	(7)	(8)	(8)	(9)	(9)	(10)
35	102'	123'	143'	163'	184'	204'	225'	245'	265'	286'	306'	327'	347'	368'
	(3)	(4)	(4)	(5)	(6)	(6)	(7)	(8)	(8)	(9)	(9)	(10)	(10)	(11)
40	133'	160'	187'	213'	240'	267'	293'	320'	347'	373'	400'	427'	453'	480'
	(4)	(5)	(5)	(6)	(7)	(7)	(8)	(8)	(9)	(9)	(10)	(11)	(11)	(12)
45	225'	270'	315'	360'	405'	450'	495'	540'	585'	630'	675'	720'	765'	810'
	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
50	250'	300'	350'	400'	450'	500'	550'	600'	650'	700'	750'	800'	850'	900'
	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(18)	(19)	(20)
55	275'	330'	385'	440'	495'	550'	605'	660'	715'	770'	825'	880'	935'	990'
	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
60	300'	360'	420'	480'	540'	600'	660'	720'	780'	840'	900'	960'	1020'	1080'
	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
65	325'	390'	455'	520'	585'	650'	715'	780'	845'	910'	975'	1040'	1105'	1170'
	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)

FOR LENGTHS NOT SHOWN ABOVE

L = W x S x S/60 FOR 40 MPH OR LESS
L = W x S FOR 45 MPH OR MORE

L = MINIMUM LENGTH OF TAPER
W = WIDTH OF OFFSET
S = SPEED LIMIT

TAPER LENGTHS
(MIN # OF CHANNELIZERS)

When using Shoulder Taper (1/3 L), determine L based on the actual lane width of the adjacent lane.

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NOTE: Local regulations may vary.