APPLICATION FOR ENCROACHMENT PERMIT

PLEASE PRINT:

Date 2/24/15

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 # 730052 REF #
APN CR #
EXP. DATE 7-1-15
VALID 4-6-15 TO 7-1-15 DRIVEWAYS:
STREET Windsor *
AREA Stockton QUAD N5 *
TYPE Trench *
FORMS SS WW R29
NOTES

Sketch (Detailed plans may be submitted)

See attached sketch.

PM 31127932
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 East side of N. Windsor approximately 550' feet/mile South of E. Fremont St., Stockton, by performing the following work (description of work): Emergency work to repair gas line. Work completed 1/12/15. Permanent paving to follow.

Work will commence on or about 1/12/15 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 2/24/15
Signature of Applicant - Title Date

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

Pacific Gas and Electric Company

Field Paving Form

Permit Number: _____
Permit Expiration Date: _____

Date: 1-12-15
Foreman Name: Paul Barguia
PM Number: 31127952

Street Address: 539 "N" Windser Ave
Cross Street: E Fremont
City/County: STOCKTON / SJC

Concrete	W x L		Depth	
Roadway			___ inches	
Sidewalk			___ inches	Color: Y / N | Aggregate: Y / N | Decorative/Stamped: Y / N
Sidewalk			___ inches	Color: Y / N | Aggregate: Y / N | Decorative/Stamped: Y / N
Driveway			___ inches	Color: Y / N | Aggregate: Y / N | Decorative/Stamped: Y / N
Driveway			___ inches	Color: Y / N | Aggregate: Y / N | Decorative/Stamped: Y / N
Curb Ramp			Domes: Y / N	
Curb		lf	Gutter: Y / N	
Valley Gutter		lf		
Dowels		ea	Size: #4 | #5	

Asphalt	W x L		Depth
Asphalt	9	9	8 inches
~~Mill & Fill~~			___ inches
Asphalt / Concrete Combo			___' over ___'
Grind			___ inches
Asphalt Fabric			
Asphalt Berm / Curb		lf	

Adjust/Replace		
Manhole Frame		ea
Sidewalk Gas Valve Box		ea
Secondary Electrical Box		ea 13" x 24" | 17" x 30" | 24" x 36"
Valve Frame		ea 15" | 23"
Valve Cover		ea 30" x 30" | 32" x 32" | 46" x 48"

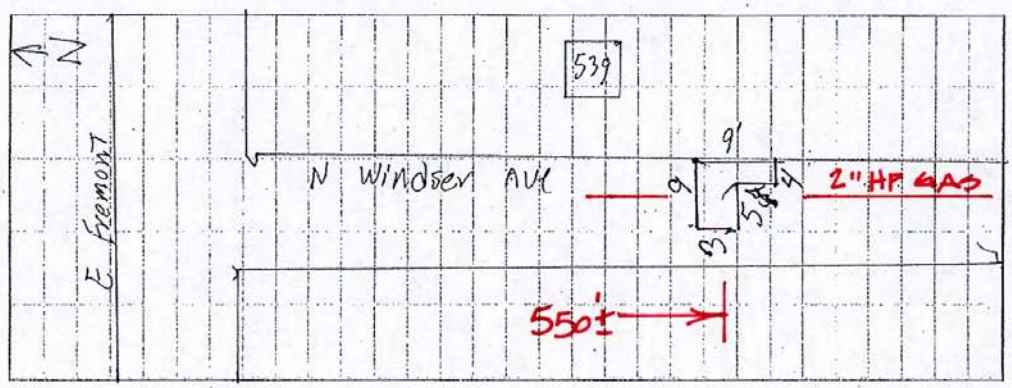
Saw Cut			Depth
Asphalt	36	lf	8 inches
Concrete		lf	___ inches

Seal	W x L	
Slurry / Fog / Sand		

Other	W x L		
Place Paver / Stone / Brick			In Concrete: Y / N
Traffic Marker Dots		ea	Reflective: Y / N
Plug 1 ½" Gas Prospect Hole		ea	Concrete | Asphalt

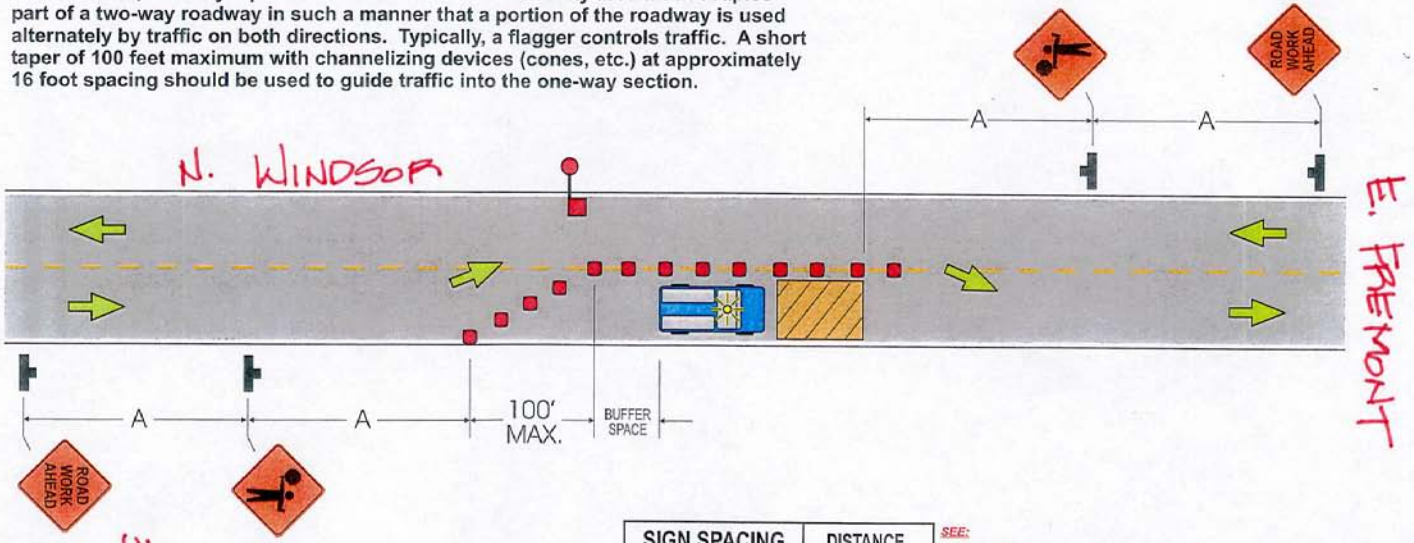
Striping			Width
Paint		lf	___ inches
Thermoplastic		lf	___ inches
Traffic Legend		ea	
Double Center Lane		lf	
3M "Scotch Lane"		lf	4" | 8" | 12" Crosswalk

Notes



UTA-5 Lane Closure on Urban Street, Flagger Control

1. The traffic control procedure shown is appropriate only for low-speed, low-volume streets/roads where traffic cannot regulate itself due to visibility, conditions, volume, etc.
2. A single flagger can regulate traffic when volumes are low and the length of the work space is short, thus enabling drivers to readily see the roadway beyond.
3. Flashing warning lights and/or flags may be used to call attention to the advance warning signs.
4. The one-lane, two-way taper is used in advance of an activity area that occupies part of a two-way roadway in such a manner that a portion of the roadway is used alternately by traffic on both directions. Typically, a flagger controls traffic. A short taper of 100 feet maximum with channelizing devices (cones, etc.) at approximately 16 foot spacing should be used to guide traffic into the one-way section.



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.