

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-1801155
Date Issued: 04/12/2018
Start Date: 04/12/2018
Exp. Date: 10/01/2018
Project No: PWP730052

Quad: NW

UE/CR/PM NO:35020807

ENCROACHMENT PERMIT

To: PACIFIC GAS & ELECTRIC - STOCKTON

PO BOX 930

STOCKTON, CA 95201

Encr	oac	hm	ent	Tv	ne:

Trench

Location:

W/S THORNTON RD 1,132' N/O HWY 12

In compliance with your request of $\underline{04/12/2018}$, 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

FORMS: SS/WW, R-29

Est. Permit Fee: \$474.50

KRIS BALAJI, Director Department of Public Works

WHITE

-Permittee

GOLDENROD

-PWD Central File

YELLOW

PINK

-Field Inspection -Permit Section

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

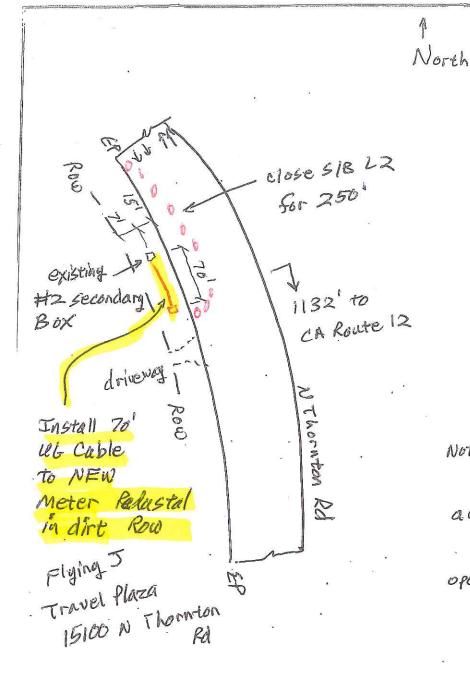
- 1. Division 1, Chapter 3
- 2. Division 2, Chapter 2, Section 942
- 3. Division 2, Chapter 4, Section 1126
- 4. Division 2, Chapter 5.5 and Chapter 6

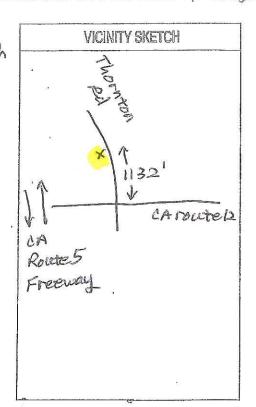
SAN JOAQUIN COUNTY ORDINANCES NUMBERED: 324, 441, 648, 662, 672, 695, 700, 860, 892, 3359, and 3675.

- 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)
- 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

Date 62 /21 /2018	OFFICE USE ONLY
To: San Joaquin County Department of Public Works	JOB# 730052 REF# APN CR#
PG&E PM 35020807 (Applicant Name) 4040 West Lane (Mailing Address)	VALID 4-12-18 TO 10-1-18 STREET THOMNON QUAD NW * TYPE Trench FORMS SSWNQ 9
Stockton, CA 95204 (City, State, Zip Code)	NOTES
(209) 373 – 9432 rxd2@pge.com (Area Code - Telephone Number)	
Sketch (Detailed plans may be submitted)	*
	209) 953 – 7421 48 to 72 hours before work uest "Rain-Clearance" for any work during ch.
ne undersigned hereby applies for permission to excavate, co eside ofてんかれてい	onstruct and/or otherwise encroach on County Highway Right-of-Way on
CA Route 12 , Loi	approximately 1\32 feet/mile \(\mathcal{N} \)
Install —	DI , by performing the following work (description of work): New U.Service to ATT meter Peda, Jectric) In Dirt Fue.
Install	New U/ Service to ATT meter Peda





Note: work in dirt shoulder

2) Close SIB L2, No truck
access to shoulder

open, No Sidewalk in Avea,

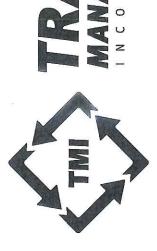
LEGEND

EDGE OF PAVEMENT

T _n	DEDMT CRETCH SJC.
E	J BEKMII, SKEICH 2166
PV:	15100 Theonton Rd LODE
De .	100
√R:	Install 70 UG Cable to Now Podastal
ILE: DATE.	Install 70' UG Cable to New Pedastal PACIFIC GAS AND ELECTRIC COMPANY
	U.AT-SST U.D.

CO: SD: NOTIF: OTHER: SHT: 1 OF 1 SHEETS

9m # 35020807 0



RAT

PG&E

GENERAL NOTES

1 THIS PLAN SUPPLEMENTED WITH 2014 CA MUTGD.
THE LOCATION OF THE SIGNS SHOWN ON THE PLAN ARE GUIDSLINES AND ACTUAL LOCATION WILL BEPEND UFON ALIGNMENT, GRADE, LOCATION OF THE STREET INTERSECTIONS, AND 85TH PERCENTILE.
O INDITEY LOCAL LAW ENFONCEMENT, FIRE, AND AMBULANDE COMPANIES WITHIN 72 HOURS BEFORE CONSTRUCTION BEGINS, KEEP OPEN ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES
CONTINUAL MONITORING AND MAINTENANCE OF THE TRAFFIC CONTROL ZONE WILL BE IMPLEMENTED FOR THE PURPOSE OF MAINTANING EMENGENCY ACCESS, ACCOMMODATION FOR PEDESTRIANS, BICYCLE TRAFFIC AND THE DISABLED.
5 PROPER TRAINING OF TRAFFIC CONTROLLERS, PROPER DEVICES & PROPER USE OF THE DEVICES, REQUIRED AT ALL TIMES.
6 ALL SIGNS IMPLEMENTED WILL ONLY BE VIEWABLE WHEN IN USE, OTHERWISE ALL WARNING DEVICES ARE TO BE TAKEN DOWN OR COVERED.
7 NOTHING ALLOWED IN BUFFERTRANSITION AREA AT ANY TIME.
8 ALL CONFLICTING MARKINGS ARE TO BE REMOVED FOR PROJECTS THAT LAST A TERM OF 8 DAYS OR LONGER.
S SIGNS AND CHANNELIZING DEVICES MUST BE RETRO REFLECTIVE OR ILLUMINATE DURING THE NIGHT, MINIMUM VISIBILITY 1000' (FEET).
10 ONLY ONE SIDEWALK WILL BE CLOSED AT A TIME, PEDESTRIAN AND DISABLED ACCESS TO BE MAINTAINED PER 2014 CA MUTCD STANDARDS.
11 CONTACT UNDERGROUND SERVICE ALERT (USA) 48 HOURS PRIOR TO ANY EXCAVATION FOR POTENTIAL UTILITY CONFLICTS.

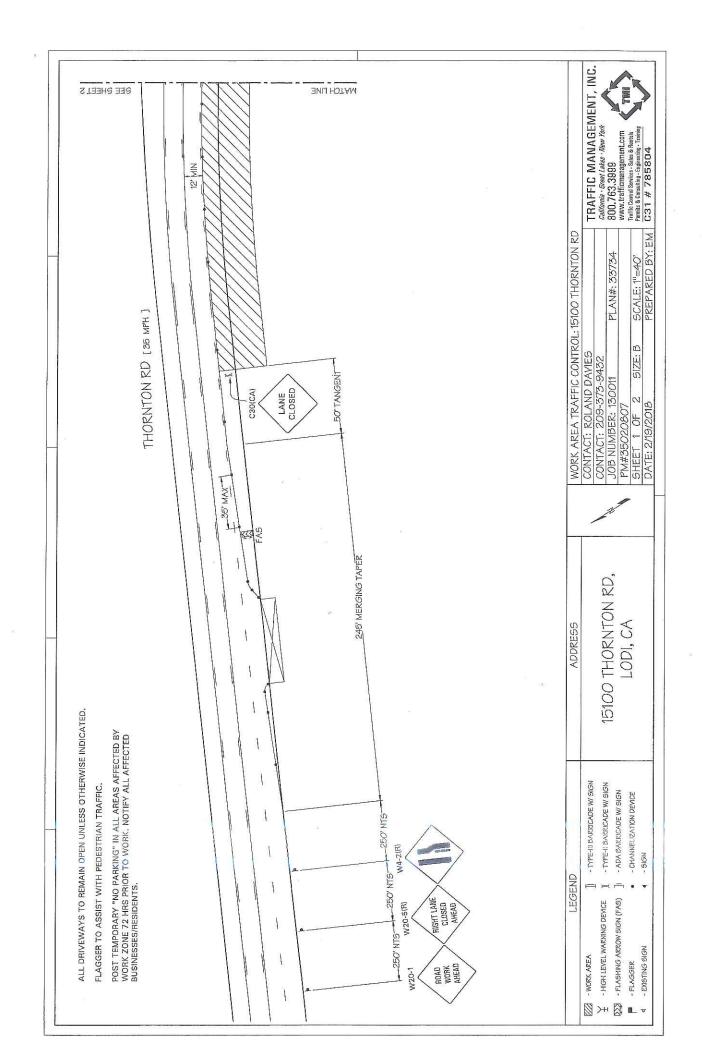
RECOMMENDED ADVANCE WARNING SIGN SPACING TABLE (CA MUTCD 2014 EDITION TABLE 6C-1, SEE TABLE FOR ADDITIONAL DETAILS)

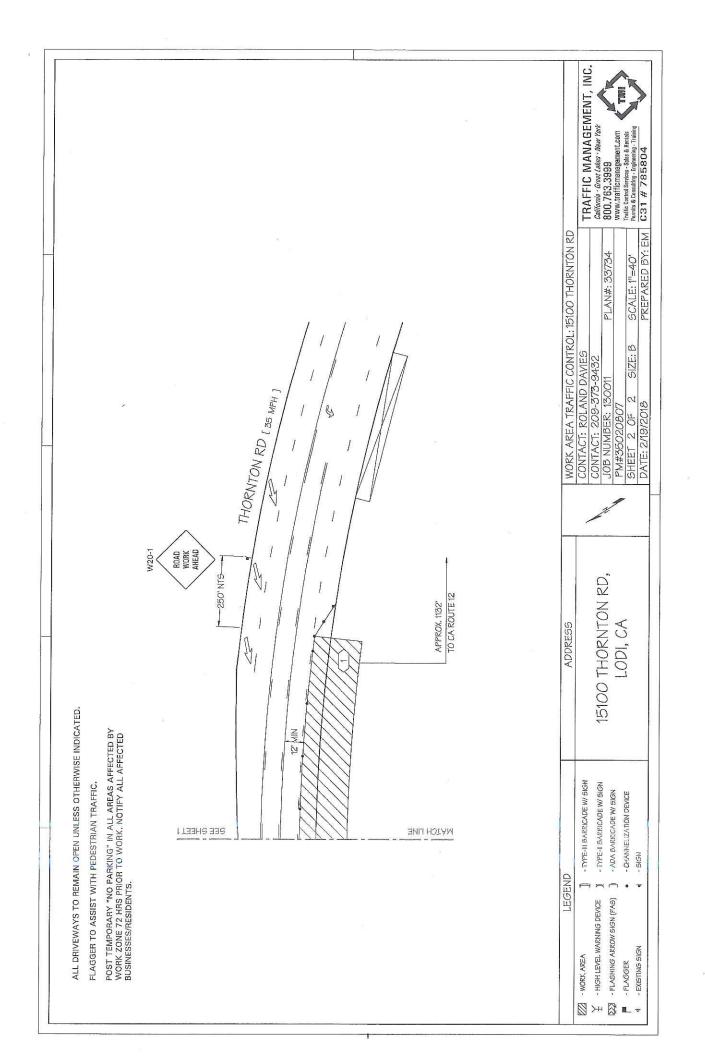
BOA	ROAD TYPE	DISTANC	DISTANCE BETWEEN SIGNS	SIGNS
		A	ш	O
URBAR	JRBAN (LOW SPEED)-25MPH OR LESS	100	100	100
URBA	JRBAN (LOW SPEED)-MORE THAN 25MPH TO 40MPH	250	250	250
URBA	JRBAN (HIGH SPEED)-MORE THAN 40MPH	350	350	350
RURAL		200	200	200
EXPRE	EXPRESSWAY/FREEWAY	1000	1500	2640

□ >+ □ •

THORNTON RD	TRAFFIC MANAGEMENT INC.	California - Great Lakes - New York	PLAN#: 35754 800.763.3999	www.trafficmanagement.com	SCALE: N.T.S. Permits & Consulting - Engineering - Training	PREPARED BY: EM C31 # 785804
WORK AREA TRAFFIC CONTROL: 15100 THORNTON RD	CONTACT: ROLAND DAVIES	CONTACT: 209-373-9432	JOB NUMBER: 130011 PLA	PM#35020807	COVER SHEET SIZE: B SCA	DATE: 2/19/2018 PRE
		HWY I	<i>X</i>	STAR ST		
15100 THORNTON RD, LODI, CA		6		THURTON RO	/ work zone/	
JD	- TYPE-III BARRICADE W/ SIGN	MOTO WAY DO BY LESS AND THE PARTY OF THE PAR	NOW WATCHER TO THE TOTAL TOTAL TO THE TOTAL THE TOTAL TO THE TOTAL TOT	- ADA BARRICADE WI SIGN	- CHANNELIZATION DEVICE	- SIGN
LEGEND	- WORK AREA	- HIGH LEVEL WARNING DEVICE		- reasoning arkow sign (FAS)	- FLAGGER	- EXISTING SIGN

)E	710	ES	PAC	N.	DEVICE SPACING TABLE	4BL	щ				
SPERD		מו ובבבם			MINIM	LWN	'APE	MINIMUM TAPER LENGTHS	IGTH	<u>S</u>		MAXI	MAXIMUM	2014 MUTCD SECTION 6C.04
(MPH)	FORMULA	SPACE	10	OFF	10' OFFSET	Ξ	님	11' OFFSET	12	R	OFFSET	SPACING	SING	NEIS
ę		v.	L	긡	규	٦	77	-16	ш	긡	큐	LONG	TAPER	LONG TAPER SPACING
			MERGE	SHIFT	SHOULDER	MERGE	SHIFT	MERGE SHIFT SHOULDER MERGE SHIFT SHOULDER MERGE SHIFT SHOULDER	MERGE	SHIFT	SHOULDER			
25		155'	104	52,	35.	115	22	38,	125	63.	42,	25	13,	100'-200'
30	, WS²	200,	150'	75.	. 20,	165	83.	55'	180,	90,	.09	30,	15	120'-250'
35	L- 60	250'	204' 102'	102'	,89	225'	112'	75'	245	123	82,	35'	181	140'-280'
40		305'	267	133	.68	293,	147	98,	320,	160	107	40,	20,	160'-320'
45		360'	450'	225	150'	495	248'	165'	540'	270	180'	45'	23,	360'-540'
50		425'	500	250'	167'	550'	275	183	,009	300	200,	20,	25'	400'-600'
55	1 14/0	495'	550	275	183'	605	303,	202	,099	330,	220'	50'	28'	440'-660'
09	L=VVO	570'	,009	300	200	.099	330,	220'	720'	360	240,	20,	30,	480'-720'
65	of C. Coner	645	650'	325	217	715	358	238'	780'	390	260'	20,	33.	520'-700'
70		730'	7007	350,	233	770' 385'	385	257	840	420,	280,	20,	35.	560'-820'
LOW SPEED IS 40 MPHHIGH SPEED IS 45 MPHHIGH SPEED IS 45 MPHHIGH SPEED ON: 1, 86TH % TILE OR IF IS 2, POSTED SPEED LIN 3, ANTICIPATED SPEE	LOW SPEED IS 40 MPH & LESS HIGH SPEED IS 45 MPH & ABOVE BOTH ARE BASED ON. 1, BOTH % TILE OR IF NOT AVAILABLE, THEN USE 2, POSTED SPEED LIMIT (PSL) 3, ANTICIPATED SPEED.	SS :OVE VAILABLE, THE	IN USE	900000				S = SPEED W = WIDTH (OFFSE L = TAPER LENGTH	H (OF	FSET	S = SPEED W = WIDTH (OFFSET FROM PATH OF TRAVEL) L = TAPER LENGTH	THOFT	RAVEL)	





PUBLIC CONVERGENCE AND SAFETY:

- 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 Fermittee shall notify the known users of the respective thoroughfare(s) involved, and shall provide access for vehicular and pedesirian traffic is and from the mad,
 - Unless officing semilted, 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.
 - 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. _đ_
 - The County of San Joaquin Public Works Department

The local fire district

The County of San Joaquin Sheriff's Office

The local school district

The local postal service

Ĩ The local residents bayolyed

- 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 haffic.
- Lights, signs and bandcades shall be furnished, crected 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
- Any excess dirt and/or debris which might be a hazard to either automobile or pedestrian traffic, preconnollable by lights, signs and barricades, shall be removed from the jobsite daily,

STRUCTURES:

- A. Walls of sincinces shall be such quality and strength that they will resist all pressures and will not crack or be defounted in such a way as to create a hazard or maintenance problem at any time. Therefore, the minimum stuctural 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.
 - Por concrete pipe up to end including thirty-three inches (33") inside diameter, extra strength concrete confirming to AASHTO Designation M
 - For concrete pipe thirty-six inches (36°) inside diameter and larger, reinforced concrete pipe confiduring to AASETTO Designation M 170M Class •2.
 - Plastic pipe conforming to AASHTO Designation M294.
- All concrete price joints with County road rights-of-way shall be scaled against leakage and/or infiltration with mobber 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.
- Cast-in-place concrete pipe, virified clay pipe, spiral welded steel pipe, or connegated 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.
- All structures to be butled 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 dirches 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; manhoics, lamphoics, valves, etc. not included. Future surface elevations shall be anticipated as nearly as possible and simplified elevations shall be established for finure adjustments apportungly.
- 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
- All longfindinal utility facilities are to be established (and dimensioned on sketches) from surveyed cemicaline of mad right-of-way, not from right-of-way · (border) lines.

REPAIRS OF THE COUNTY BIGHT-OF-WAY:

- All excavations shall be backfilled and compacted immediately after work therein has been completed.
- Tranched shall not be Ist open faither than 300 feet in advance of pipe laying operations, or 200 feet to the rear thereof, unless otherwise permitted by the В.
- Unless otherwise permitted under the Special Provisions, backfull shall be placed and mechanically compacted in such a manner that the relative compaction throughout the entire till within the County road right-of-way shall conform to the perceptages of companion as shown on the Trench detail.
- Backfull 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.
- No portion of the excavation(s) shall be compacted by ponding or jetting unless a maintenance bond is provided.
- Gravel backfull material shall be willized only where specifically so stated on the face of the permit. It shall be compacted by means of a high-frequency F. 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
- All pavernents, curbs, guiters, sidewalks, borrow dirches, 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.
- All surfacing maintails of roadways and driveway approaches cui or damaged by or as a result of construction operations, shall be replaced within ONE WEHK following the backfilling of excevation, weather permitting, with compacted layers of surfacing materials at least as thick as the existing, and no less than two inches (2") of asphali concrete over six inches (6") of aggregate base, both as specified below.
 - Asphali 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 bifurnious 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.
 - Aggregate Base: Combined mineral aggregates shall conform to the quality and the grading for three-quarter men (3/4") maximum size aggregate Class 2 Aggregate Base specified in Section 26 of the California Standard Specifications.
- Before acceptance of repairs to the County road rights-of-way, all runsightly and detrimental firt, dust and/or debus shall be removed and the construction areas left in a neat and presentable condition(s).
 - If necessary, County road traveled way and driveway pavements shall be washed with water to remove did and dust
- Driveway approaches and field entrance pavements damaged by equipment or spoil banks shall be repaired as directed by the Engineer. Upon request by the County, any settlement, sagging of surface, or cracking of payement 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

- 1. <u>SUPERVISION</u>: The utility company (permittee) shall furnish full-time supervision of all work to insere 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. DATLY 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.