

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-1801147**Date Issued: 04/12/2018
Start Date: 04/16/2018
Exp. Date: 10/15/2018
Project No: PWP730052
Ouad:

UE/CR/PM NO:31221864

ENCROACHMENT PERMIT

To: PACIFIC GAS & ELECTRIC - STOCKTON

PO BOX 930

STOCKTON, CA 95201

Encroachment Type:			
Trench			T

Location:

ODELL;IVY;HOWE;LOWELL

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.

	a of Grantos.		
Special Comments:			
Traffic Control Per MUTCD			

FORMS: SS/WW, R-29

Est. Permit Fee: \$1,428.50

KRIS BALAJI, Director Department of Public Works

WHITE

-Permittee

GOLDENROD

-PWD Central File

YELLOW

-Field Inspection

PINK

-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.

- 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.
- 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 2/27/18	OFFICE USE ONLY
To: San Joaquin County Department of Public Works	JOB# 730052 REF# CR#
(Applicant Name)	VALID 4-12-18 TO 10-15-18 DRIVEWAYS: STREET Odell; Howe; Lowell; 1+4
4010 West (Nailing Address)	TYPE Trench FORMS 55 WWR 2:9
Stackton CB 95704 (City, State, Zip Code)	NOTES
<u>408-376-7767</u> (Area Code - Telephone Number)	·
Sketch (Detailed plans may be submitted)	
SEE ATTACHED	subject to pavement cuts shall receive an (1)—Inch asphalt concrete overlay from the centerline (or Lane line) to the edeg of the travel way as per the San Joaquin
31221864	line) to the edeg of the travel way as per the stat adaptant. County Trench Cut Policy. If the payement is disturbed on both sides of the centerline (or adjacent lane), then the entire roadway (or affected lanes) shall be resurfaced. Contractor shall grind and overlay within 10 working days of permanent trench paying. Shoulder areas shall be brought up to finish grade as directed by the County.
The undersigned hereby applies for permission to excavate, co	onstruct and/or otherwise encroach on County Highway Right-of-Way on approximately feet/mile, by performing the following work (description of work):
To install a newgas main	
Trenching and bell holes - Fairmont Ave,	Lowell Ave, Howe Ave, Ivy Ave, Odell Ave
Nork will commence on or about 4-16-13	for approximately / > O days.
work described above in accordance with the rules and regulati	ons of San Joaquin County and subject to inspection and approval.
3	2/27/15
Signature of Applicant - Title	Date

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 (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:

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:

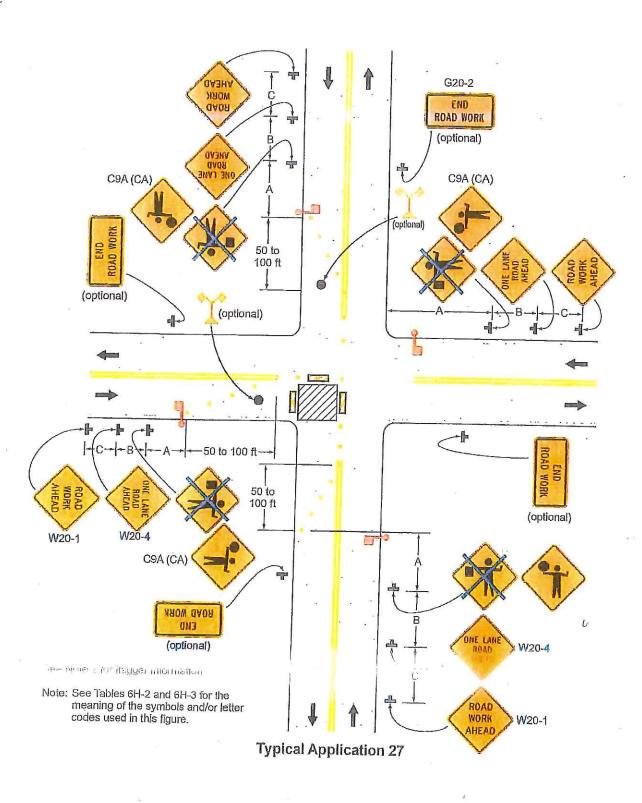
See Section 3B.02 and 6C.15.

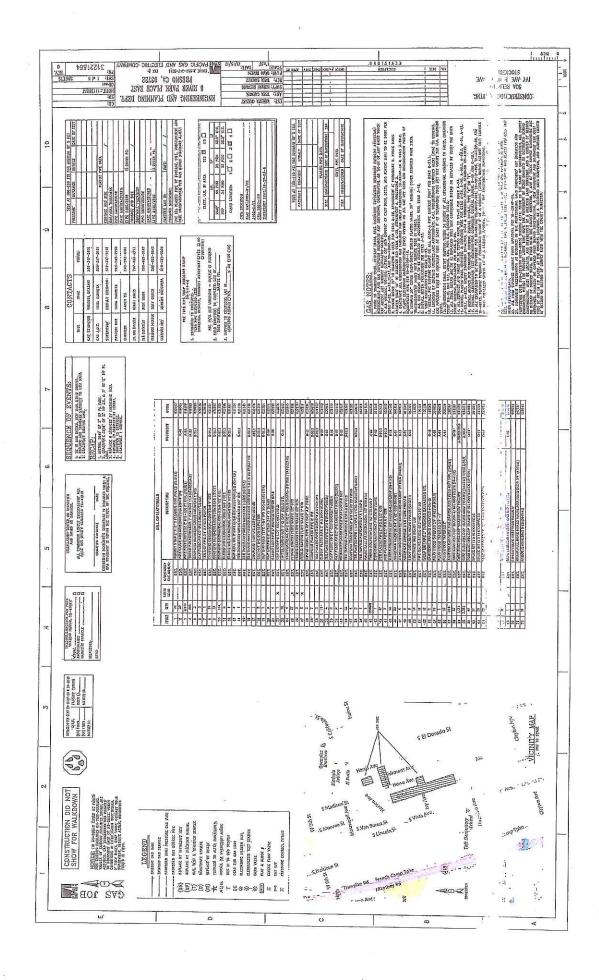
G20-2 MORK ROAD WORK GAOR (optional) (optional) (optional) 50 to 100 ft (optional) Buffer space (optional) Buffer space (optional) 50 to 100 ft R1-2 Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure. R1-2aP TRAFFIC W3-2 (optional) (see Section 3B.16) (optional) W20-4 (optional) W13-1P (optional)](optional) WORK W20-1

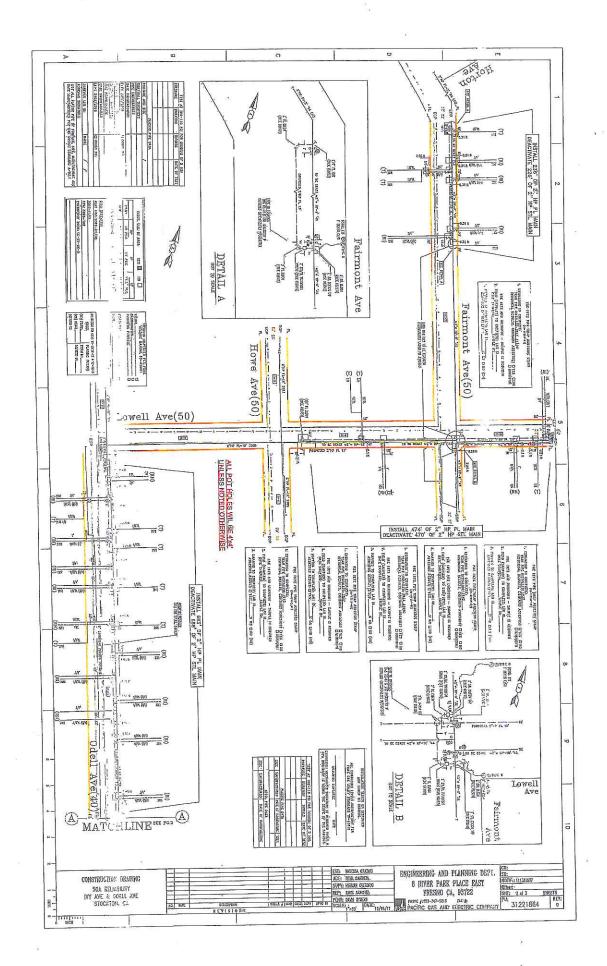
Typical Application 11

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

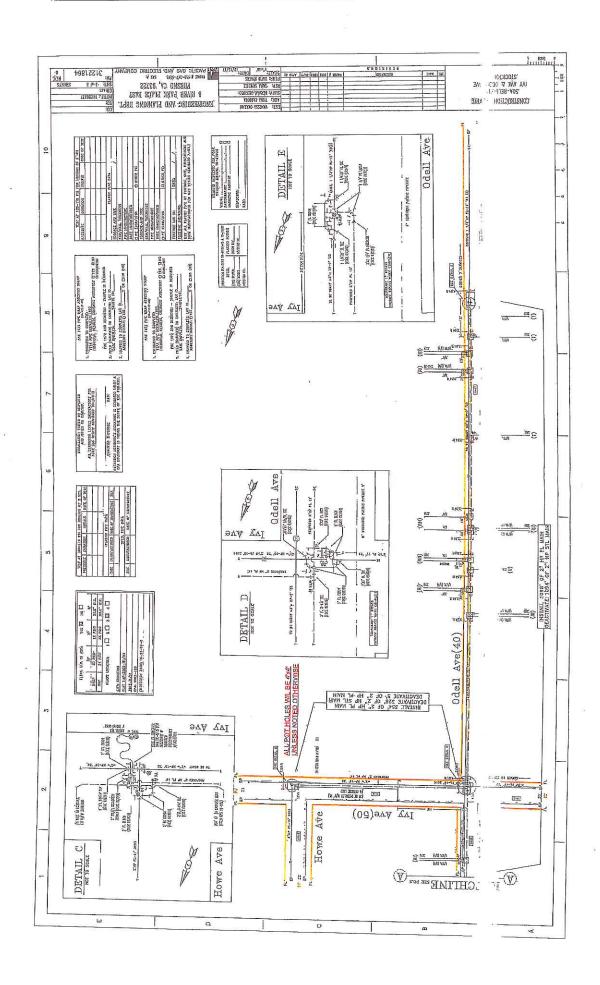
Figure 6H-27. Closure at the Side of an Intersection (TA-27)

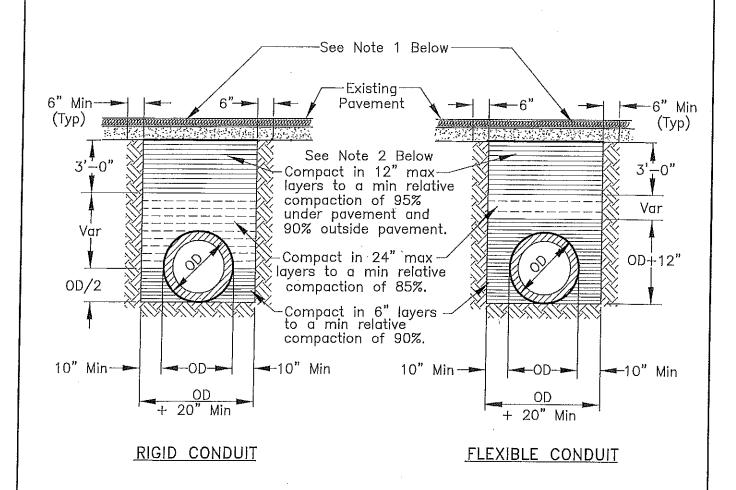






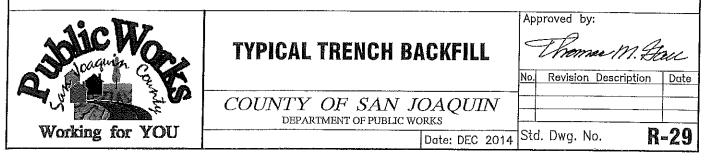
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NOTES:

- 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.
- Special bedding and backfill requirements may be shown on the plans or specified in the special provisions.



PUBLIC CONVENIENCE 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 Permittee shall notify the known users of the respective theroughface(s) involved, and shall provide access for yehicular and pedesirian traffic to and from the road.
 - Unless offerwise 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.
 - In cases where road closure is permitted, the permission to close the road will be greated under the condition that the Permittee notify the following persons and/or agencies of the fime, the period of closure, and the detour route at least twenty-four (24) hours prior to said road closure. The local fire district
 - The County of San Joaquin Public Works Department

The County of San Joaquin Sheriff's Office

The local postal service Ĩ

- The local school district
- The local residents sayolyed Should hazardous commitons 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.
- Lights, signs and barricades shall be furnished, exected and maintained by the Penntitee 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 debute which might be a hexard to either automobile of 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 hezard or maintenance problem at any time. Therefore, the minimum structural requirements for operate pipe placed under county road rights-of-way shall conform to the following American Association of State Highway and transportation Officials (AASHTO) designations,

For concrete pipe up to and including thirty-three inches (33") inside diameter, extra strength concrete conforming to AASETO Designation M 170ML

For concrete pipe thirty-six inches (36°) inside diameter and larger, reinforced concrete pipe conforming to AASETIO Designation M 170M Class .2.

Plastic pipe conforming to AASHTO Designation M294.

All concrete pupe joints with County road rights-of-way shall be scaled 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.

Cast-in-place concrete pipe, viltified day pipe, spiral welded steel pipe, or coungaied 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 buried within the County rights-of-way shall be set at such elevations as to allow uninform 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 sinctores shall be established below a flat plane extending across the rights-of-way, no part of which shall extend above the elevations stated above; manhoies, lampholes, valves, etc. not included. Future surface elevations shall be auticipated as nearly as possible and structure elevations shall be established for finure adjustments accordingly.

The County hereby reserves the right to specify in the Special Provisions the gage and surface heatment of any galvanized connegated metal pipe that is to be

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:

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All excavations shall be backfilled and compacted immediately after work therein has been completed.

- Trenched shall not be Jeff open farther than 300 feet in advance of pipe laying operations, or 200 feet to the rear thereof, unless otherwise permitted by the
- Unless otherwise permitted under the Special Provisions, backfull shall be placed and mechanically compacted in such a magner that the relative companion throughout the entire fill within the County road right of way shall conform to the percentages of compaction as shown on the Trench detail.

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.

- No portion of the excavation(s) shall be compacted by ponding or jetting unless a maintenance bond is provided. Graved backfull 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.
- All paverneuis, curbs, guiters, 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.

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 asphali concrete over six inches (6") of aggregate base, both as specified below. . .

Asphalt Concrete: Combined mineral aggregate shall comform 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.

Aggregate Base: Combined mineral aggregates shall confoun to the quality and the grading for three-quarter meh (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 unsightly and detrimental dut, dust and/or debus shall be removed and the construction areas left in a neat and presentable condition(s).

If necessary, County road naveled way and dirveway pavements shall be washed with water to remove dut 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 numerically 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. 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: Dut 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.