EP-06-226(2)2

LEGEND

- TRENCH FOR OTHERS
- PROPOSED GAS MAIN IN JOINT TRENCH
- EXISTING GAS MAIN
- ANODE
- REDUCER (STEEL or PLASTIC)
- 6" PL CAP
- 4'6"X8'6" ELECTRIC SPLICE BOX
- STREET LIGHT
- FIRE HYDRANT
- CATCH BASIN
- AT&T
- COMCAST

General Notes

1. The preferred trench location is in a Public Utility easement (P.U.E.)
2. All depths and resulting cover requirements are measured from final grade.
3. Cover, clearance, and separation shall be as great as practicable under the circumstances, but under no circumstances shall be less than the minimum cover, clearance, and separation requirements set forth in General Order 128 and 49CFR 192. All facilities shall be anchored in place prior to compaction, or other means shall be taken to ensure no motion of the facilities. Dimensional requirements for shading, leveling, and backfilling shall be determined subsequent to compaction.
4. Trench dimensions shown are typical. Trench sizes and configurations may vary depending upon occupancy and or field conditions. Trench size and configuration must at all times be constructed in a matter that ensures proper clearances and cover requirements are met. Any "change" to the trench width and configurations as shown in this exhibit must be designed to ensure this requirement.
5. It is preferred to have non-PG&E owned streetlights at a level other than the gas or electric level. Non-PG&E owned streetlights may be at the electric level of the trench as long as minimum clearances are provided and comply with all special notes for a Joint Trench with a second electric utility.
6. Non-utility facilities are not allowed in any Joint Utility trench, e.g., irrigation control lines building fire alarm systems, private telephone systems, outdoor electrical cable, etc.
7. When communication ducts are installed, a minimum of 12" radial separation shall be maintained from gas facilities. Exception: With mutual agreement, when 4" diameter or smaller gas pipe is installed, the separation may be reduced to not less than 6 inches.
8. Provide separation from trench wall and other facilities sufficient to ensure proper compaction.
9. maintain proper separation between PG&E facilities and "wet" utility lines as described in UO Standard S5453.
10. Procedures for approving native backfill for shading of PG&E facilities:
    - Random soil samples shall be taken from a minimum of 3 locations per 1,000' of trench. 100% of the sample must pass through a $\frac{3}{8}$" sieve and 75% must pass through a #4 screen. Additional samples must be taken if existing soil conditions change and is to be at the discretion of the PG&E representative on site.
    - The soils must not contain any rocks that have sharp edges or that may otherwise be abrasive.
    - The soils must not contain clods larger than $\frac{3}{4}$" if to be used as shading, bedding, or leveling materials.
    - Compaction requirements must meet any applicable PG&E, Federal, State, County, or local requirements. Any native soils or import materials used must not hinder these efforts.
    - The sieves and screens shall be 8" diameter by 2" deep, stainless steel mesh screen.
11. Competent native soils are preferred to be used for shading, bedding, and backfilling throughout the trench.
    - Where native soils exceed $\frac{3}{8}$" minus and or where gas is to be placed at the bottom of a trench in areas of a trench or areas that exceed $\frac{3}{4}$" minus soil conditions, or where the bottom of a trench is considered to consist of hard pan, PG&E approved $\frac{3}{4}$" minus import material shall be used for shading and or bedding.
    - PG&E approved import material is per CGI Engineering Guidance EG-4123.
    - If a leveling course is required, the use of native soils is preferred, but if $\frac{3}{4}$" minus conditions are not attainable with the native soils, then the use of PG&E approved import materials is required. Bedding under gas and electric facilities will be a minimum of 2" of compacted $\frac{3}{4}$" minus native soils or PG&E approved import material.
    - The maximum PG&E approved bedding material may be increased at the discretion of PG&E when warranted by existing field conditions (e.g., rocky soils, hard pan, etc.)
    - The use of any import material for backfilling purposes shall be limited to those situations when native soils do not allow for required compaction.
12. The applicant is responsible for the removal of excess spoil and associated costs.
13. Separation between gas facilities and electric facilities may be reduced to 6" when crossing.
14. Service saddles are the preferred service fittings for use throughout the joint trench project. All projects will be designed and estimated using service saddles. However, service tees may be used if all clearance, separation, and coverage

PLEASE CALL U.S.A. AT
LEAST 48 HOURS PRIOR TO
EXCAVATING IN THIS AREA

1-800-227-2600

TICKET # _____

DATE CALLED _____

TRAFFIC CONTROL PLAN
SHALL BE AS PER
CURRENT M.U.T.C.D.
CALIF. SUPPLEMENT.

JOINT TRENCH OCCUPANCY GUIDE									
SEC.	D	S/F	G	T	C	S	P	St	◯
I	145'		X	X	X		X		
K	785'		X		X		X		
P	100'						X		
W	20'			X	X				
X	230'		X						

NOTE:
DURING THE JOINT TRENCH COMPOSITE PREPARATION, THERE WAS NO RESPONSE FROM CABLE TV. TO FACILITATE THE THE COMPOSITE PREPARATION, IT WAS ASSUMED THAT CABLE TV WOULD PARTICIPATE IN 100% OF THE JOINT TRENCH.

N

MAP: 2946-C5,C6
CPA: NON-CPA
TBA: X-05
MAOP: 60 PSIG
E.S.ZONE: 16-ST-02-B

MATCH LINE

8 MILE ROAD

EDGE OF EXIST PAVEMENT

K-500'

80+00 81+00 82+00 83+00 84+00 85+00

80.00

5' 5' 20'

12"W

FLOOD WALL

PIXLEY SLOUGH

INSTALL:
45° 6" PL ELBOW

PROPOSED BRIDGE WIDENING

MATCH LINE

CO:
SD:
NOTIF.: 101828103
Other: ELECTRIC PW 3048
SHT: 30 OF 34 SHEETS
PM: 30488970 REV.

ENGINEERING AND PLANNING DEPT.
4040 WEST LANE
STOCKTON, CA 95204
PHONE #:(209) 942-1498 FAX #:(209) 942-1737
PG&E PACIFIC GAS AND ELECTRIC COMPANY

EST: JG HOUBEIN
ADE: KR SCHWEIBER
SUPV: AC FONG
REP: WW LANG
PLNR: DC RYMERS
SCALE: 1"=20' DATE: 6/6/06

NO.	DATE	DESCRIPTION	ORDER #	DWN	CHKD	SUPV	APVD BY
REVISIONS							

JOINT TRENCH OCCUPANCY GUIDE
DESTINATIONS SUBDIVISION
8 MILE RD., DESTINATION DR. TO PIXLEY SL.
STOCKTON INC. - S.J. COUNTY

INCH 0 1
6 5 4 3 2 1 INCH 0