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-1200734**
Date Issued: 05/14/2012
Exp. Date: 07/01/2012
Project No: PWP730077
Quad: NS

UE/CR/PM NO:8104

ENCROACHMENT PERMIT

To: CALIFORNIA WATER SERVICE
1550 W FREMONT ST, SUITE #100
STOCKTON, CA 95203

Encroachment Type:

Trench			

Location:
COUNTY PORTION OF SOLARI AVE. BETWEEN ACACIA ST. AND POPLAR ST.; AND ACACIA ST. E/O SOLARI AVE.

In compliance with your request of **04/04/2012** , 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*****See attached "Special Conditions"****

FORMS:	SS/WW, R-29		

Est. Permit Fee: $769.00

THOMAS M. GAU, Director
Department of Public Works

By: _____
Permit Section

WHITE	-Permitee
GOLDENROD	-PWD Central File
YELLOW	-Field Inspection
PINK	-Permit Section

ENCROACHMENT PERMIT

GENERAL PROVISIONS

12-1

1. This permit is issued under and subject to a11 1aws 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, and 892.

2. It is understood and agreed by the Permittee that the doing 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 a condition as is possible and upon completion of the work granted 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 injury 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 of such maintenance of the encroachment structure 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 Director of Public Works or his representative.

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 so that there will be 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. Barricades shall be placed, With approved Signs and lights at light, and flagmen shall be employed, all as may be 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 do the work provided for 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 them and 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 surfacing is cut or damaged in the work of placing an encroachment structure, 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 necessary to, secure permission from abutting property owners, such authority must be secured by the Permittee prior to starting work.

12. The future safety and convenience of the traveling public shall be given every consideration in the location and type of construction.

SPECIAL CONDITIONS FOR CALWATER – SOLARI AVENUE - 8104 ENCROACHMENT PERMIT

1. Maintain traffic controls for all roads. Traffic control delays shall not exceed 15 minutes. Two-way traffic shall be maintained during non-working hours with excavated areas backfilled or plated. During working hours, two-way traffic control shall be maintained with one lane open and appropriate flaggers. No road closures allowed without prior authorization by the County.

2. No work between the hours of 6:00 A.M. to 8:00 A.M. and 2:00 P.M. to 4:00 P.M.

3. Access to all properties shall be maintained at all times except when work is occurring at the access point. Minimal delays will be allowed to provide access within the work zone area. Driveway access shall be fully restored at the end of each workday. Driveways disturbed by the contractor shall be replaced with in-kind or better materials.

4. Residents and businesses shall be notified in writing, as approved by the County, 48-hours in advance of any impacts to their access and parking.

5. Any areas where parking is to be restricted shall have signs noticing the time period placed at least 48 hours in advance of the work.

6. No trench cutting of County roads shall occur between November 1 and March 31 without prior authorization by the County.

7. Final paving for trench repair or road resurfacing shall be per Caltrans' specifications.

8. All pipe and pipeline related facilities including, but not limited to, valves, utility boxes and vaults, and frames and covers shall be maintained by the Cal Water. Cal Water shall be responsible for any and all costs associated with the removal, relocation and/or adjustment of these facilities as determined by the County at the Cal Water's expense. (Streets and Highways Code 1463)

9. All future maintenance of the pipeline and related facilities within the County right-of-way will require a San Joaquin County Encroachment Permit.

10. Length of open, unbackfilled trench shall be limited to a total maximum length of 250 linear feet during working hours.

11. Trenches shall be maintained in a smooth and even condition to the satisfaction of the County throughout the project limits at all times.

12. All trenches shall be completely backfilled or shored and plated at the end of each workday, and the roadway restored to two-way traffic. If plating is to be used, a trench shoring and plating plan suitable for traffic loadings shall be prepared by a registered civil engineer and submitted for prior approval by the County.

13. The contractor shall use San Joaquin County Standard R-29 when backfilling trenches within the County right-of-way. Where the existing road structural section is below standard, a minimum section of 3 inches of asphalt concrete over 8 inches of aggregate base shall be required.

14. Temporary pavement shall be provided for all trench areas within three days of pavement removal or by Friday of each week, whichever is more restrictive.

15. Final trench paving will also be required to be placed when interruptions or delays of the work exceed two (2) weeks.

16. Roadway areas subject to pavement cuts shall receive a 0.12-foot asphalt concrete overlay from the centerline to the lip of gutter. If the pavement is disturbed on both sides of the centerline, then the entire roadway shall be resurfaced. All pavement conforms shall be ground to provide a flush surface. Contractor shall grind and overlay within 10 working days of permanent trench paving.

17. No paving joints allowed within paved shoulder, contractor shall pave all the way to outer edge of paved shoulder.

18. Contractor shall establish existing roadway and drainage grades within the construction area. Any repair to roadways and adjacent areas shall match existing grades. Any proposed grade changes shall receive prior approval from County.

19. Pedestrians and bicyclists shall be escorted through the work zone with minimal delays. School buses shall be passed through the work zone with minimal delays.

20. Above ground ARV boxes and other similar facilities will be allowed within the right-of-way if located as far to the outside edge as possible and if the location either meets AASHTO Clear Zone guidelines or is protected by an existing obstruction such as a tree or utility pole. Utility vaults shall be located a minimum of 4'-0" from edge of pavement.

21. County roads shall be kept clean from mud and debris at all times along the access points and work zone areas during entire project. All standard roadway striping and signage shall be clearly visible, maintained and restored throughout the construction zone during and after the project.

22. In addition to standard dust control measures, streets shall be maintained in a clean condition, free of dirt, mud and debris during construction activities. The contractor shall provide daily, or as needed, street sweeping using a modern mechanical or vacuum-assisted street sweeper.

PS-1200734

APPLICATION FOR ENCROACHMENT PERMIT

PLEASE PRINT:

#8104

Date February 23, 2012

To: San Joaquin County
Department of Public Works

CALIFORNIA WATER SERVICE
(Applicant Name)

1550 W. FREMONT ST #100
(Mailing Address)

STOCKTON, CA 95203
(City, State, Zip Code)

209-464-8311
(Area Code - Telephone Number)

OFFICE USE ONLY

JOB # 730077 REF #
APN CR #
EXP. DATE 7/1/12
VALID 5/21/12 TO 7/1/12 DRIVEWAYS:
STREET Solari Ave. *
AREA Stockton QUAD NS *
TYPE Trenching *
FORMS SS/WW, R-29
NOTE

Sketch (Detailed plans may be submitted)

See Attached

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the South side of Solari approximately _____ feet/mile _____ of _____, _____, by performing the following work (description of work):

Install 625'-6" PVC C900 Pipe & Retire 570'-2" CI Pipe in Solari from Poplar to Acacia & Install 150'-6" PVC C900 pipe in Acacia East from Solari

Acct 103000
WO 00020964
Act ID 3436-6PP-I

Work will commence on or about 5/21/12 - 6/30/12 for approximately _____ 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, regulations of San Joaquin County and subject to inspection and approval

Stacie Allen - Operations Clerk
Signature of Applicant - Title

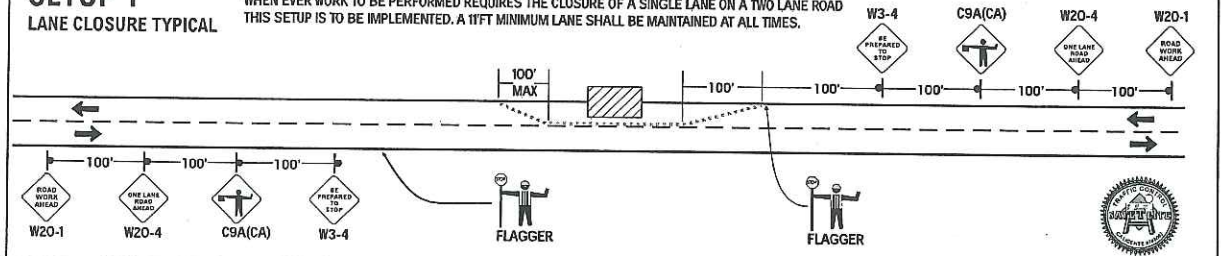
2/23/12
Date

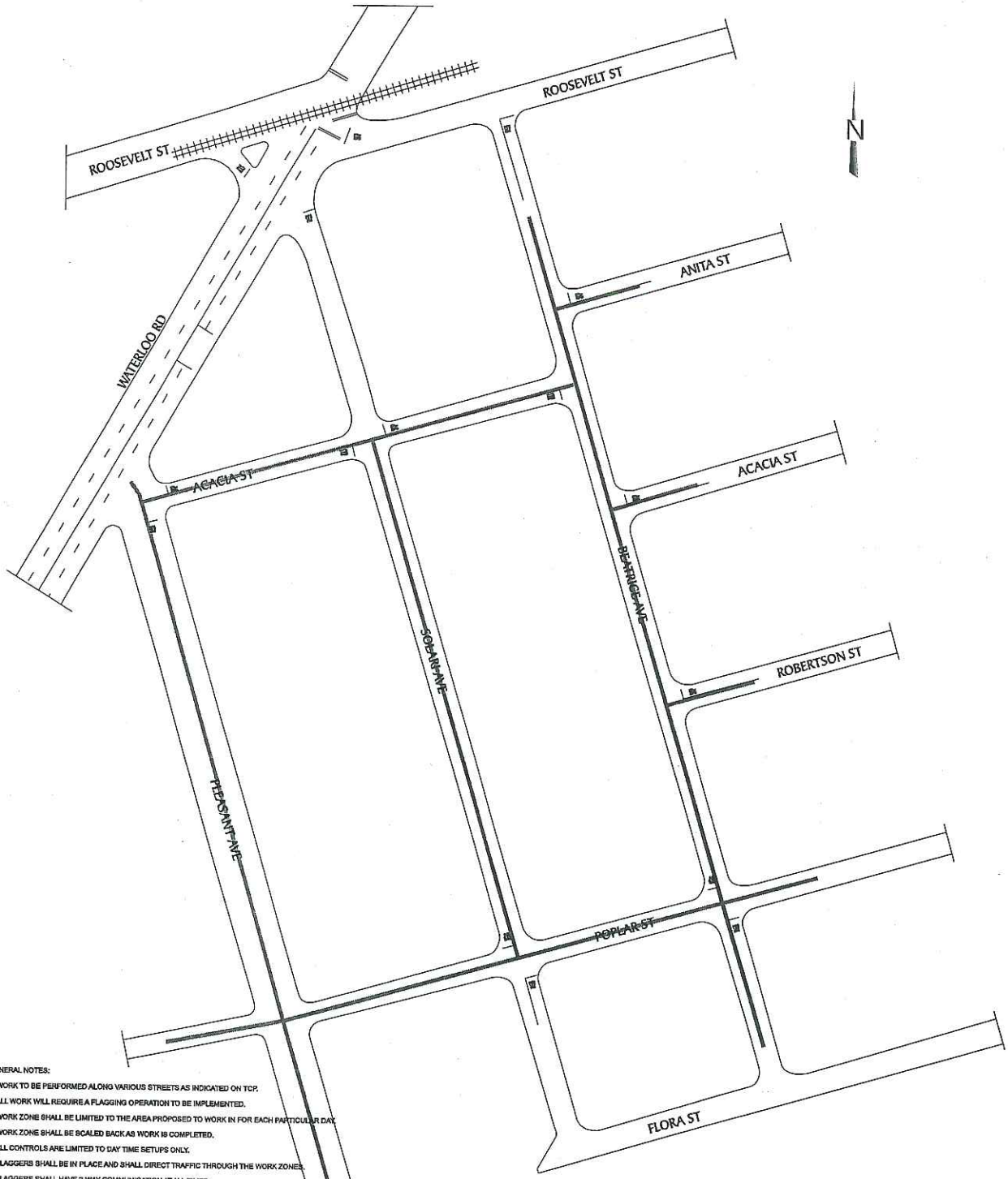
MASTER.PF\PERSCEDL (6/00)

SETUP 1

LANE CLOSURE TYPICAL

NOTE:
WHEN EVER WORK TO BE PERFORMED REQUIRES THE CLOSURE OF A SINGLE LANE ON A TWO LANE ROAD THIS SETUP IS TO BE IMPLEMENTED. A 11FT MINIMUM LANE SHALL BE MAINTAINED AT ALL TIMES.



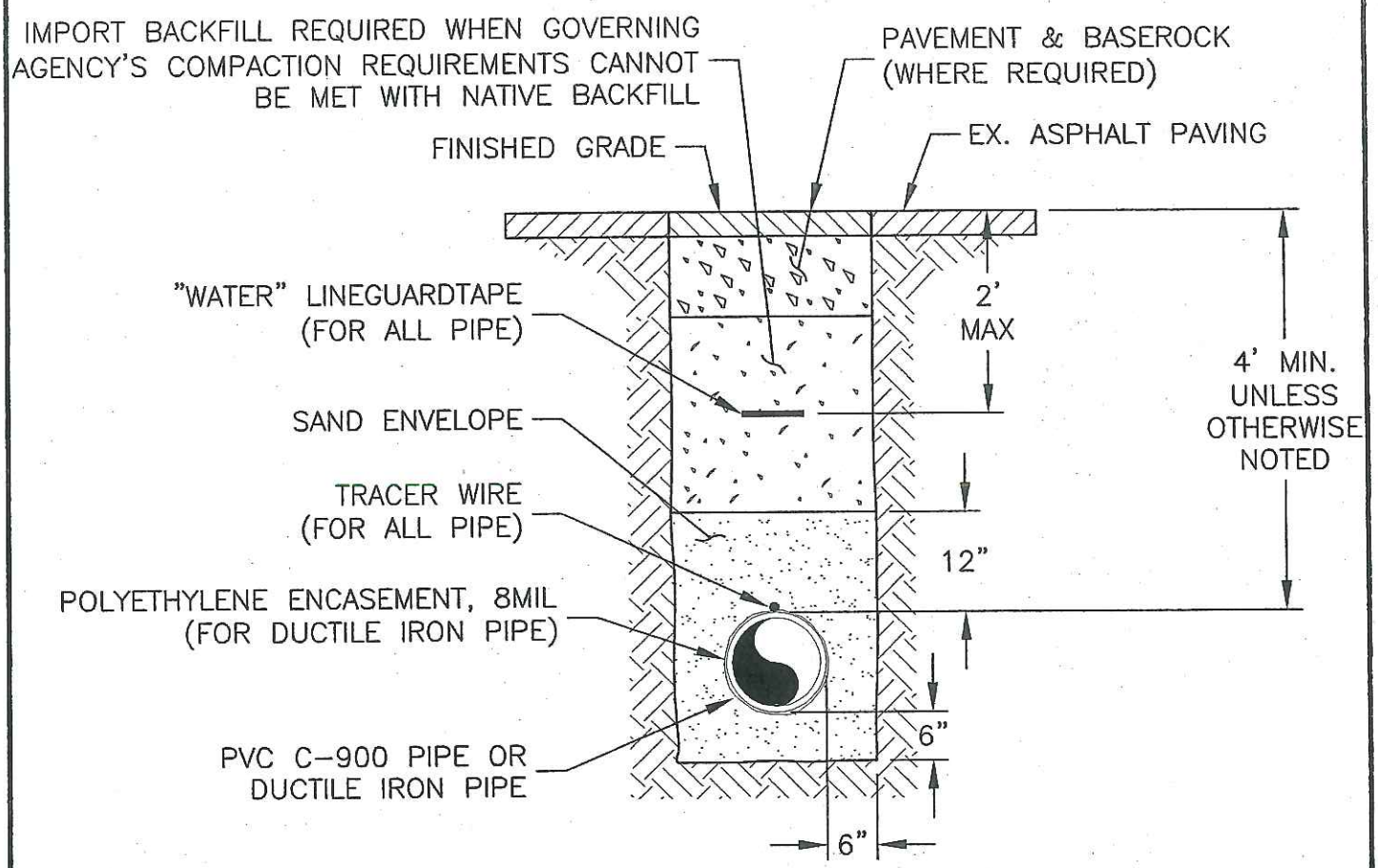


PROPOSED LOCATION

GENERAL NOTES:

1. WORK TO BE PERFORMED ALONG VARIOUS STREETS AS INDICATED ON TCP.
2. ALL WORK WILL REQUIRE A FLAGGING OPERATION TO BE IMPLEMENTED.
3. WORK ZONE SHALL BE LIMITED TO THE AREA PROPOSED TO WORK IN FOR EACH PARTICULAR DAY.
4. WORK ZONE SHALL BE SCALED BACK AS WORK IS COMPLETED.
5. ALL CONTROLS ARE LIMITED TO DAY TIME SETUPS ONLY.
6. FLAGGERS SHALL BE IN PLACE AND SHALL DIRECT TRAFFIC THROUGH THE WORK ZONES.
7. FLAGGERS SHALL HAVE 2 WAY COMMUNICATION AT ALL TIMES.
8. WHEN EVER WORK ZONE IS TO CROSS AN INTERSECTION ADDITIONAL FLAGGERS AND ADVANCE WARNING SIGNS SHALL BE IN PLACE.
9. 1 DAY PRIOR TO WORKING, NO PARKING SIGNS MOUNTED ON TYPE 1 BARRICADES SHALL BE PLACED IN THE AREA WHERE WORK IS TO BE PERFORMED THE NEXT DAY AND SHALL INDICATE DATE AND TIME OF NO PARKING.
10. ALL CONTROLS TO ADHERE TO CA MUTCD 2012, PART 6.

PLAN SHEET#	WEST VALLEY CONSTRUCTION P.O. BOX# 5639 SAN JOSE, CA 95354	TRAFFIC CONTROL PLAN FOR:	PLAN PROVIDED BY:	PLAN DRAWN BY:	PROPOSED WORK SCHEDULE	TYPE OF TRAFFIC CONTROL:
TCP 1	CONTACT CARL CRUTCHFIELD (209)943-6812	PVC INSTALL VARIOUS LOCATIONS ACACIA ST, POPLAR ST, SOLARI AVE, PLEASANT AVE ROBERTSON RD AND ANITA ST STOCKTON, CA	SAFE T LITE of Nevada Inc. www.safetlite.com Construction, Engineering, Safety Supplies & Signs Sales Rentals Service 1051 N. EMERALD AVE. MODESTO, CA 95351 C31 LICENSED CONTRACTOR LICENSE NO. 788082	ALBERTO DELGADO TRAFFIC CONTROL SUPERVISOR 1-800-851-6262 209-522-8913	TO BE DETERMINED	FLAGGING



NOTE:

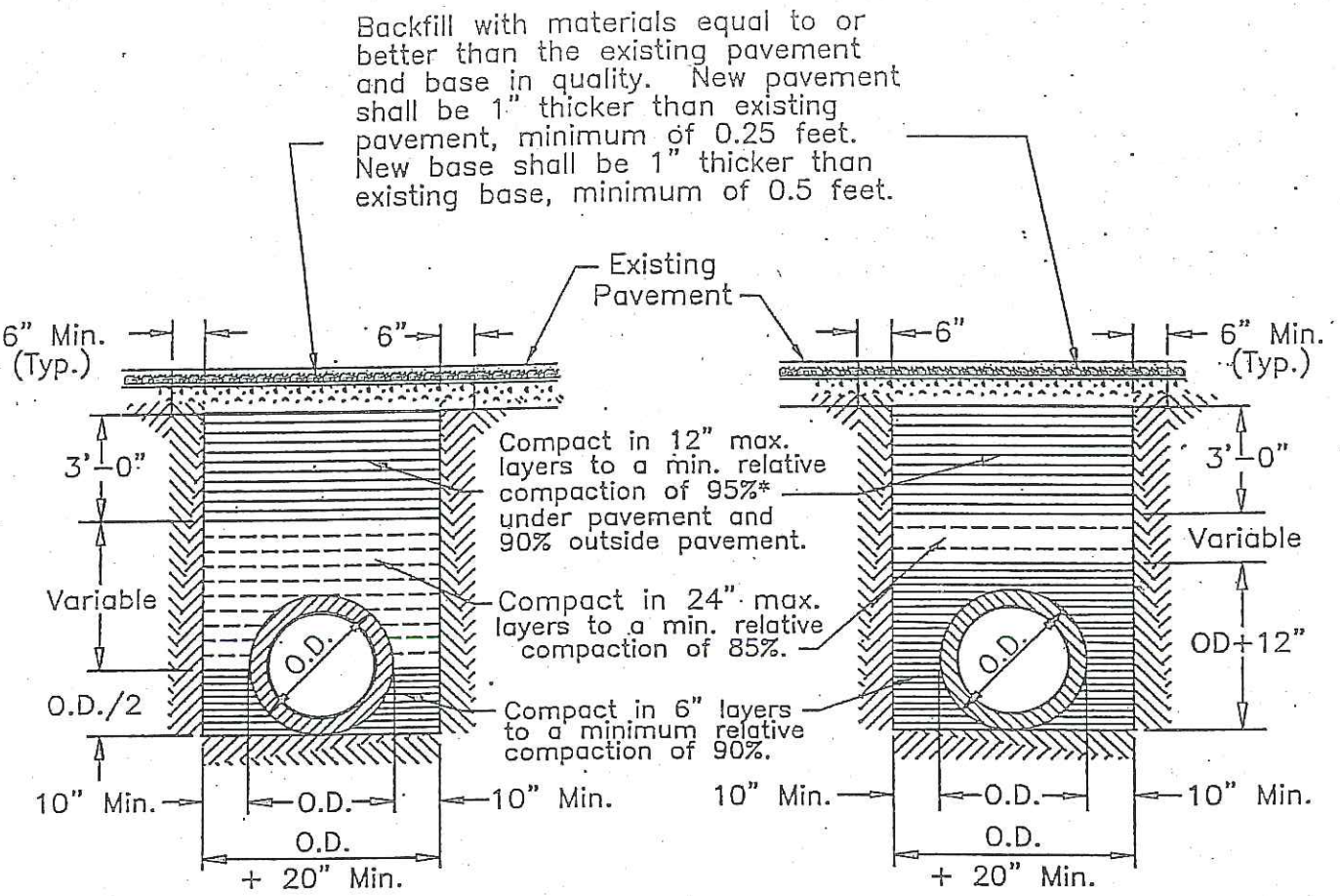
1. ALL EXCESS SPOIL IN TRACT IS TO REMAIN TRENCHSIDE AND ALL EXCESS SPOIL OFF TRACT IS TO BE REMOVED.
2. ALL VALVE CASINGS AND COVERS SHALL BE RAISED TO FINISHED GRADE AFTER PERMANENT PAVEMENT HAS BEEN PLACED.

TRENCH CROSS SECTION

N.T.S.

ENGINEERING DEPARTMENT	CATEGORY: PIPING/TRENCH		
	SUBJECT: TRENCH DETAIL IN PAVEMENT		
		DRAWN BY: C.I.	DATE DRAWN:
	CADD DWG FILE: 1.3-1 TRENCH DETAIL IN PAVEMENT.DWG	REVISION: △	1.3-1

\\Engfileserver\Acad Files\Design\Details\Chapter 1 Piping\1.3-1 TRENCH DETAIL IN PAVEMENT.dwg



RIGID CONDUIT

FLEXIBLE CONDUIT

NOTES:

1. 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.
2. All existing pavement shall be neatly cut to line prior to trench excavation.
3. Jetting or ponding will be permitted within the street Right of Way with a 3 year bond.
4. When shown by soil composition and compactability, ninety percent (90%) compaction may be used, when approved by the Director of Public Works.
5. Special bedding requirements may be shown on the plans or specified in special provisions.
6. Shoulders shall be as shown on the plans or specified in the special provisions but in no case shall the shoulder be less than three feet wide as measured from the edge of pavement.

No.	Revised	By	TYPICAL TRENCH BACKFILL	Approved by Henry M. Hirata, Director of Public Works
1	Feb. 1996	PD		
Drawn by JLD				
Checked by			COUNTY OF SAN JOAQUIN, DEPARTMENT OF PUBLIC WORKS	Date JUNE 1997
Scale NONE				Drawing No. R-29

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