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-1400814**
Date Issued: 03/27/2014
Exp. Date: 04/15/2014
Project No: PWP730077
Quad: CC

UE/CR/PM NO:8183

ENCROACHMENT PERMIT

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

Encroachment Type:

Trench			

Location:
N/S OF ALPINE AVE FROM MARGARET TO MISSION

In compliance with your request of **03/27/2014** , 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	3900	

Est. Permit Fee: $716.00

THOMAS M. GAU, Director
Department of Public Works

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

By: _____
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 within the work herein permitted. If any are disturbed, the Permittee is required to tie out each location and re-establish them after completion of work, using a licensed land surveyor. A corner record must be filed in accordance with state law for any re-set monuments.

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:

#8183

Date March 13, 2014

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
VALID TO DRIVEWAYS:
STREET Alpine Ave +
AREA Stockton QUAD CC +
TYPE Trench +
FORMS SS/WW, R-29, 3900
NOTE

Sketch (Detailed plans may be submitted)

See Attached
(Additional copies of plans will be available next wk)
(Traffic Control Plans will be available 3/24/14)

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the North side of Alpine approximately feet/mile of , , by performing the following work (description of work):
In Alpine - Margaret to Mission
Install 500 ft of 12" DI
Cut 2' x 500'

Acct 103000
WO. 0001 3852
Act ID 3435-1201-1

Work will commence on or about March 31, 2014 for approximately 14 days. (4/15/14)

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

3/13/14
Date

MASTER.PS\PERSCHDL (6/00)

www.invarion.com

Typical Two Lane Closure

Work Hours 9:00 AM to 3:00 PM

TABLE A

MINIMUM RECOMMENDED DELINEATOR AND SIGN PLACEMENT

Table A-1

Taper Length Criteria for Temporary Traffic Control Zones

Type of Taper	Taper Length
Upstream Tapers	
Merging Taper	L MINIMUM
Shifting Taper	1/2 L Minimum
Shoulder Taper	1/3 L Minimum
Two-Way Traffic Taper	100 feet Maximum
Downstream Tapers	
(Use is optional)	100 feet Minimum

Formula for Taper Length 'L'

$L = \frac{WS^2}{60}$ (40 mph or less) $\qquad L = WS$ (45 mph or greater)

L = Taper Length in feet
W = Width of Offset in feet
S = Speed in mph

Table A-2

Suggested Advance Warning Sign Spacing

Road Type	Distance Between Signs in Feet
	S
Urban - 25 mph or less	200
Urban - 30 mph or more	350
Rural	500
Expressway/Freeway	1000

Table A-3

Taper Length and Buffer Space
Use in Typical Applications Diagrams

Length of Taper 'L' in Feet

Speed in Miles per Hour*	Width of Offset**	
	11 Feet	12 Feet
20	73	80
25	115	125
30	165	180
35	225	245
40	293	320
45	495	540
50	550	600
55	605	660
60	660	720
65	715	780
70	770	840

Longitudinal Buffer Space

Speed in Miles per Hour*	Length of Buffer Space in Feet
20	35
25	55
30	85
35	120
40	170
45	220
50	280
55	335
60	415
65	485
70	585

* Posted speed, off-peak 85th percentille speed prior to starting, or the anticipated operation speed.

** For other offset widths, apply the formula in table A-1.