

# **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-1900951
Date Issued: 04/01/2019
Start Date: 04/01/2019
Exp. Date: 10/25/2019
Project No: PWP7110005

Department of Public Works

Permit Section

Quad: SW

## **ENCROACHMENT PERMIT**

To: RMC CONSTRUCTORS 5045 E.MCKINLEY AVENUE FRESNO, C 93727

-Permittee

-PWD Central File

-Field Inspection

-Permit Section

WHITE

PINK

GOLDENROD YELLOW

Encroachm	ent Type:						
	re @ Gateway Blvd						
Location: Gateway Bo	oulevard						
application a	ce with your request of and subject to all the everse side and attach	terms, conditions and	ission is hereby restrictions wi	granted to do work in granted or printed	County right as general or s	of-way as shown on attached special provisions on any part	of this
Director. Su to depth of u underground	rface of trench patch	es shall match in kind ide area in anticipatio	l and be smoot n of future dra	h and even with that of inage facilities, road pr	f abutting surfa rofile and/or fr	ine unless otherwise approved ace. Special attention shall be ontage development. All centerline of road right of way	given
forty-eight	hours prior to begin	ning any work with	in the County	neering Division (Per right of way. All wo rnia Division of Indus	ork performed	ns) at (209)953-7421 at leas under this permit shall confor I Cal-OSHA.	st m to
nedestrian o	r automobile traffic.	All necessary traffic of	convenience an	d warning devices and	personnel sha	hich might be a hazard to eith Il be provided, placed and ANS Manual of Traffic Contr	
neat workma	ınlike manner. İmme	mitted herein, all debrediately following com d) provided by Grant	pletion of con	ricades, or any excess struction permitted her	material shall ein, Permittee	be removed and the jobsite le shall fill out and mail notice o	ft in a of
Special Con	nments:						
Gateway Bl	vd Road Closure to re	esult in vacation of Co	ommerce Way/	Court & Corporate Co	ourt.		
**Traffic C	ontrol Per MUTCD*	*					
FORMS:	SS/WW, R-29						
Est. Permit	Fee: \$22,544.00				KRIS	BALAJI, Director	

		ė.	

April 1, 2019

#### SPECIAL CONDITIONS FOR GATEWAY BOULEVARD CLOSURE 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. The contractor shall submit traffic control plans for all signing, detours, and any lane closure impacting County right-of-way. Traffic control plans shall be submitted two weeks prior to the closure date.
- 2. 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.
- 3. Residents and businesses shall be notified in writing, as approved by the County, 48 hours in advance of any impacts to their access.
- 4. Any areas where parking is to be restricted shall have signs noting the restrictions in place at least 48 hours in advance.
- 5. Existing fences shall not be removed without written consent of the property owner. Such consent shall be submitted to the County prior to the removal. Fences removed shall be restored with inkind or better materials. Restored fences shall not encroach into County right-of-way.
- 6. All destroyed or obliterated pavement markings must be replaced in kind by the permittee. Typical pavement markings include but not limited to lane lines, centerlines, stop and stop ahead legends, limit lines, raised pavement markers and miscellaneous delineators.
- 7. 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)
- 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 Costco, including any facilities that are abandoned in place. Costco 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 Costco's expense. (Streets and Highways Code Section 1463)
- All future maintenance of the pipeline and related facilities within the County right-of-way will require a San Joaquin County Encroachment Permit.
- 10. Trenches shall be maintained in a smooth and even condition to the satisfaction of the County throughout the project limits at all times.

Special Conditions for Gateway Boulevard Encroachment Permit

- 11. 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.
- 12. The contractor shall use San Joaquin County Improvement 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.
- 13. Gateway Boulevard subject to pavement cuts shall receive a Type II slurry seal as per San Joaquin County Department of Public Works Improvement Standards Section 2-5.0 Trench Cut Policy. Shoulder areas shall be brought up to the finish grade as directed by the County.
- 14. No paving joints are allowed within paved shoulder; contractor shall pave all the way to outer edge of paved shoulder.
- 15. Class II Aggregate Base shoulder backing is required from the edge of pavement, a minimum of 4-inches thick by 4-feet wide.
- 16. 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.
- 17. Above ground vaults, panels and/or other similar facilities will be allowed within the right-of-way if located as far to the outside edge as possible. Utility vaults shall be located a minimum of 4'-0" from edge of pavement.
- 18. 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.
- 19. 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, and as determined to be necessary by County inspectors, street sweeping using a modern mechanical or vacuum-assisted street sweeper.
- 20. The contractor shall not conduct construction operations in rain or heavy fog conditions.

## APPLICATION FOR ENCROACHMENT PERMIT

## PLEASE PRINT:

Date 3-11-19	OFFICE USE ONLY
To: San Joaquin County Department of Public Works	JOB# 110005 REF# PS-1900951 APN 209-920-29 CR#
	EXP. DATE 1/1/2020
RMC Constructors	
(Applicant Name)	STREET Grafeway Blvd. *  AREA Tracy QUAD SW *
5045 E McKinley	TYPE Round Closure - Crateway *
(Mailing Address)	FORMS SSIWW R-29, Trench Cot
, ,	NOTES Special conditions Grateway Blad
Fresno Ca 93727	closure to result in the Vacation of
(City, State, Zip Code)	Commerce way/court & Corporate Court.
559 352-1653 - BRIAN PORTER	***************************************
(Area Code - Telephone Number)	
bporter@rmc-constructors.com	
(Email Address)	
The undersigned hereby applies for permission to excavate, theside of	, construct and/or otherwise encroach on County Highway Right-of-Way on approximately <u>و ا</u> f + feet/mile <u>المول</u> , by performing the following work (description of work):
	for approximately 200 days. ive property, or am qualified to represent the owner and agree to do the lations of San Joaquin County and subject to inspection and approval.  3-11-19
Signature of Applicant - Title	Date
Y:\FORMS & TEMPLATES\\(ENCROACHMENT PERMIT APPLICATION.doc\((08)08\)	





#### Department of Public Works

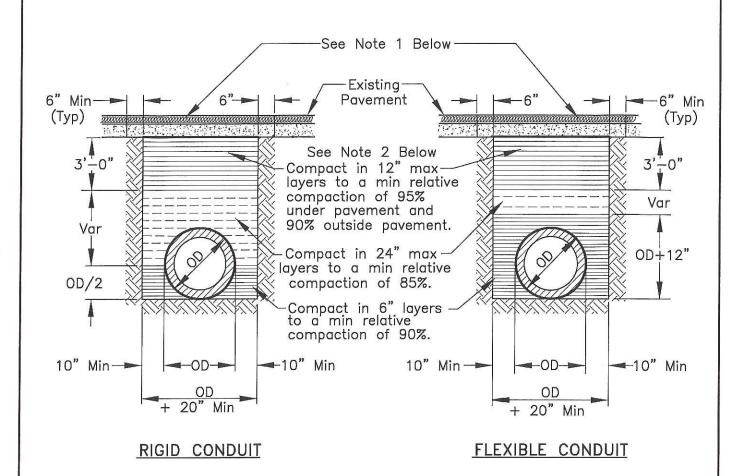
Kris Balaji, Director of Public Works

Fritz Buchman, Deputy Director/Development Alex Chetley, Interim Deputy Director/Engineering Jim Stone, Deputy Director/Operations Kristi Rhea, Manager of Strategic Initiatives

# **Acknowledgement of Monument Preservation**

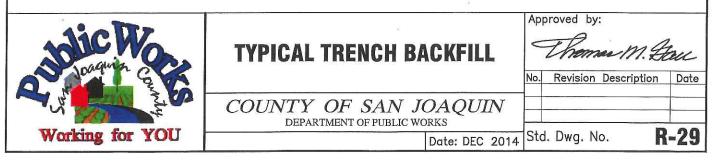
I, Dean Jurado, a duly Licensed Land Surveyor or a Professional Engineer (Please print)					
authorized to perform Land Surveying in the State of California, Registration No. 9032					
hereby acknowledge and accept all responsibility for the monument preservation as required					
per Section 8771(a-f) of the Business and Professions Code within the bounds of the					
construction activity permitted by San Joaquin County Permit No. PS-1900951.					
I further acknowledge that I am hereby responsible for the Acknowledgement of Monument					
Preservation prior to final acceptance of the construction activity.					
Signature  Seal  Seal  DEAN A.  JURADO  No. 9032					

PS-MONUMENT PRESERVATION



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



# 2-5.0 TRENCH CUT POLICY

#### 2-5.01 General Requirements

- A. Resurfacing requirements specified in this policy are in addition to the trench resurfacing requirements specified by County Standard Drawing No. R-29.
- B. For the purpose of this policy, "Surfacing Age" is defined as the age of the most recently completed roadway surfacing, including construction, reconstruction, or major overlay.
- C. Where the application of seal coats is required, a Type II Slurry Seal will be used in accordance with State Standard Specifications, Section 37-2.
- D. The permittee must post a one-year maintenance bond or cash deposit, in an amount specified by the Department.
- E. All pavement markings destroyed or obliterated must be replaced in kind by the permittee. Typical pavement markings include, but are not limited to, lane lines, centerlines, stop and stop ahead legends, limit lines, raised pavement markers, and miscellaneous delineators.
- F. The permittee is responsible for Survey Monuments disturbed by trenching and is required to file a corner record and to reestablish them using a Licensed Land Surveyor after the trench restoration is completed.
- G. Functional classification maps and Public Works Project Advertising Schedules are references for this policy.
- H. To facilitate scheduling and planning, Public Works staff will make available the most current Project Advertising Schedule at the monthly Utility Coordination Meeting and make it available to the public, at the Permits Counter, in January each year.

## 2-5.02 Collectors, Arterials and Expressways

- A. Surfacing Age less than Three (3) Years: No pavement cuts. Exceptions may be approved in accordance with Section 2-5.04 EXCEPTIONS.
- B. Surfacing Age Three (3) Years and Over:
  - Longitudinal Trench Cutting in Paved Shoulder

#### Areas:

The entire shoulder of the road is to be resurfaced. The existing surfacing adjacent to the trenched area shall be planed to accommodate the overlay in a manner that does not cause drainage concerns. The nearest pavement cut shall be a minimum of three (3) feet from the edge of pavement, or the remaining pavement shall also be removed and replaced. (See County Standard Drawing No. R-37).

## 2. Longitudinal Trenches within Traveled Lanes:

The entire traveled lane where the trench is located is to be resurfaced with a one (1) inch asphalt concrete overlay. The existing surfacing adjacent to the trenched area shall be planed to accommodate the overlay in a manner that does not cause drainage concerns. The overlay shall be in accordance with State Standard Specifications, Section 39. Aggregate gradation shall be consistent with the existing surfacing material. (See County Standard Drawing No. R-37).

### 3. Cross-Cutting:

Cross-cutting is allowed at a minimum interval of 150 feet. At each cross-cut location a minimum of ten (10) feet on each side of trench shall be planed and resurfaced with one (1) inch asphalt concrete. If cross cuts are within the 150 feet minimum interval, the entire section between the first and last cross cut shall be planed and resurfaced with one (1) inch asphalt concrete. (See County Standard Drawing No. R-36).

4. The conditions described in paragraphs 1, 2 and 3 above will not apply if resurfacing is scheduled within two years.

## ≯2-5.03 Local Roads

A. Surfacing Age Under Three (3) years: No pavement cuts allowed. Exceptions may be approved in accordance with Section 2-5.04 EXCEPTIONS.

## B. Surfacing Age Three (3) to Five (5) Years:

 Longitudinal cuts are permitted. A seal coat is required for that half of the roadway containing the trench. (See County Standard Drawing No. R-37). 2. Cross-cutting is allowed under the same conditions as Section 2-5.02(B)(3). If cross-cuts occur within the 150 feet minimum interval, resurfacing may be substituted with a slurry seal for that half of the roadway. (See County Standard Drawing No. R-36).

#### 2-5.04 Exceptions

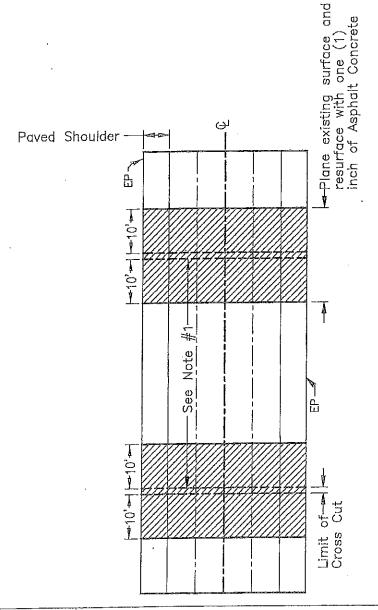
Excavation is prohibited in newly renovated County roadways for three (3) years after a notice of completion has been filed for a roadway improvement project, or a new roadway has been accepted. The Director of Public Works may approve exceptions that are in the best interest of the public, including but not limited to:

- A. An emergency that endangers life or property.
- B. For repair or modification to prevent interruption of essential utility service.
- C. For relocation work that is mandated by County, State or Federal law.
- For service for buildings where no other reasonable means of providing service exists.
- E. For potholing to verify utility depth or location.
- F. For trenchless excavations greater than three feet in depth of cover over the utility facility, and not requiring a significant surface Incision greater than industry bore pit standards.

Exceptions must be requested and submitted in writing to the Department. Payment of a nonrefundable processing fee is also required. Exceptions will be reviewed using the Departments Action Approval process, which requires the recommendation of a Deputy Director.

## NOTES:

- 1. If the distance between cross—cuts are less then 150' the entire area between corss—cuts shall be planed and resurfaced with one (1) inch of Asphalt Concrete.
- 2. The resurfacing requirements shall be in addition to County Standard Drawing No. R=29
- 3. Resurfacing for Bell Holes shall meet these requirements. If excavation occurs within the shoulder or lane, only that area shall be resufaced as shown.
- 4. If cross—cutting is performed on Local Roads at intervals less then 150' a Seal Coat for that half of the roadway containing the trench can be used in lieu of resurfacing. Section 2—5.03 (B—2).





# TRENCH CUTTING POLICY CROSS CUTTING OF COUNTY ROADWAYS

COUNTY OF SAN JOAQUIN

DEPARTMENT OF PUBLIC WORKS

Date: MAY 2015 Std. Dwg. No.

Approved by:
Maked Selking

o, Revision Description Date

R-36

#### NOTES:

The resurfacing requirements shall be in addition to County Standard 1. Drawing No. R-29.

2. If longitudinal cuts are required on a Local Road a Seal Coat can be used for that half of the roadway containing the trench. Section 2-5.03 (B-1).

Area to be resurfaced with one (1) inch Asphalt Concrete overlay existing surface to be planed, to accommodate overlay. Section 2-5.02 (B-2). Paved Shoulder 3' minimum. If <3', the remaining pavement shall be removed and replaced before resurfacing. Section 2-5.02 (B-1). Area to be resurfaced with -Area to be resurfaced with one (1) inch Asphalt Concrete one (1) inch Asphalt overlay existing surface to be Concrete overlay existing planed to accommodate surface to be planed to overlay. Section 2-5.02 (B-2) accommodate overlay. Section 2-5.02 (B-1).



## TRENCH CUTTING POLICY LONGITUDINAL CUTTING OF COUNTY ROADWAYS

COUNTY OF SAN JOAQUIN

DEPARTMENT OF PUBLIC WORKS

Date: MAY 2015

Revision Description Date

Approved by:

Std. Dwg. No.

R-37

#### GENERAL PROVISIONS

#### GOVERNING INSTALLATION OF SUBSURFACE STRUCTURES AND PIPELINES WITHIN COUNTY ROAD RIGHTS-OF-WAY

#### PUBLIC CONVENIENCE AND SAFETY:

- A. 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 thoroughfare(s) involved, and shall provide access for vehicular and pedestrian traffic to and from the road.
  - Unless otherwise 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 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. The local fire district d.

The County of San Joaquin Public Works Department

The local school district e.

The County of San Joaquin Sheriff's Office

The local residents involved

- The local postal service f 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 traffic. Lights, signs and barricades shall be furnished, erected 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, 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 hazard or maintenance problem at any time. Therefore, the minimum structural 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.
  - For concrete pipe up to and including thirty-three inches (33") inside diameter, extra strength concrete conforming to AASHTO Designation M
  - For concrete pipe thirty-six inches (36") inside diameter and larger, reinforced concrete pipe conforming to AASHTO Designation M 170M Class 2.
  - Plastic pipe conforming to AASHTO Designation M294.
- All concrete pipe joints with County road rights-of-way shall be sealed 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, vitrified clay pipe, spiral welded steel pipe, or corrugated 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.
- D. All structures to be buried 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 ditches 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; manholes, lampholes, valves, etc. not included. Future surface elevations shall be anticipated as nearly as possible and structure elevations shall be established for future adjustments accordingly.
- 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 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.

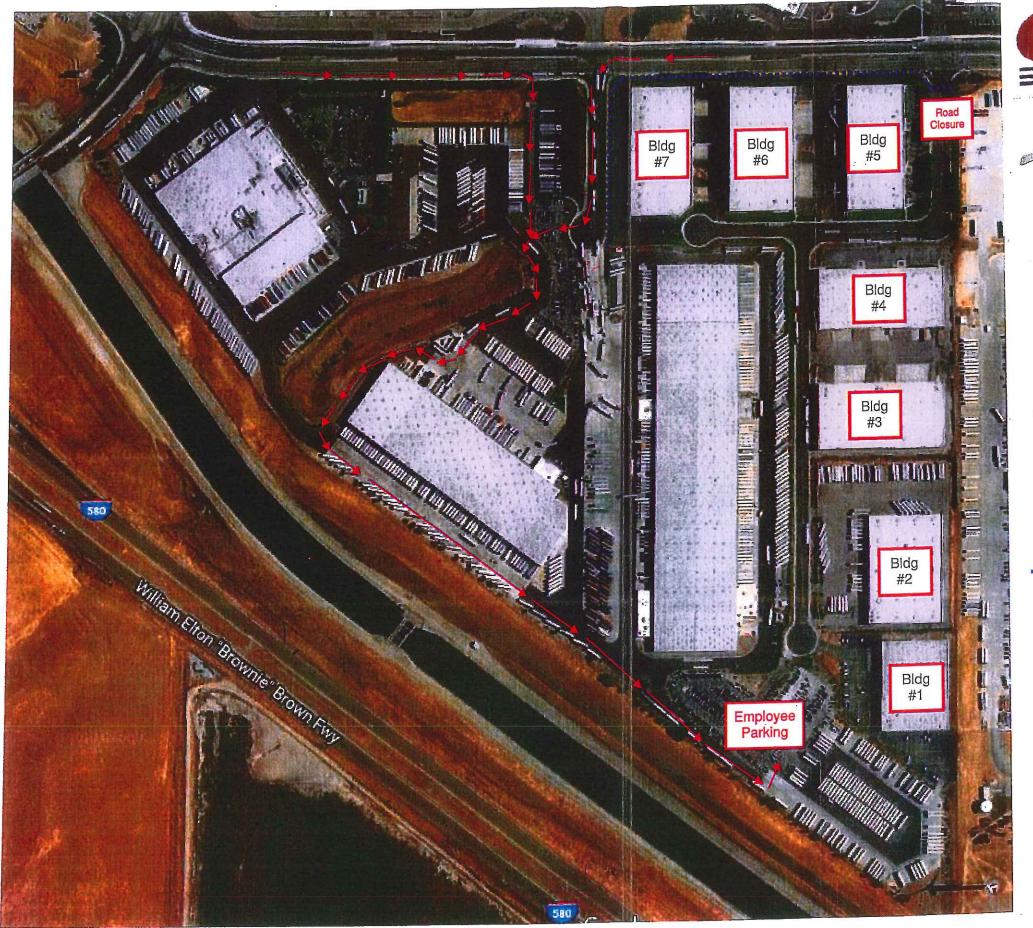
#### REPAIRS OF THE COUNTY RIGHT-OF-WAY:

- All excavations shall be backfilled and compacted immediately after work therein has been completed.
- Trenched shall not be left open farther 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, backfill shall be placed and mechanically compacted in such a manner that the relative compaction C. 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.
- Gravel backfill 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 pavements, curbs, gutters, 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 asphalt concrete over six inches (6") of aggregate base, both as specified below.
  - Asphalt 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 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 conform to the quality and the grading for three-quarter inch (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 dirt, dust and/or debris 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 dirt 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 pavement 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 insure compliance with the permit provision.
- 2. <u>START OF WORK:</u> 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. <u>CLEAN PAVEMENT:</u> 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. **DAILY RESTORATION:** Private driveways and road intersections shall be restored daily.
- 5. <u>WEATHER-TIGHT CONDITIONS:</u> 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.



TRACY DEPOT





Employee Parking Route



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