

# ADDENDUM #1- April 10, 2024

## CITY OF LAFAYETTE

### 2024 Road Paving Project Project Number 014-9741

The following changes and additions shall become a part of the plans and specifications for the above project, and shall be bound by the General Provisions, Special Provisions, and all other conditions of the Bid Documents.

1. **No change is made in the time scheduled for submitting bids for this project: Until 2:00 pm, April 25, 2024.**
2. **Special Provisions, Add to Section SP 6-04 PERMITS AND LICENSES the following:**

At the second paragraph, contractor is directed that the removal and replacement of the southeast curb ramp on Pine Ln at El Nido Ranch will require that contractor procure an encroachment permit with Caltrans. Added to Appendix E of the project specifications and provided in the attachments of Addendum #1 is Caltrans Permit No. 04-24-N-CS-0470. The contractor shall apply for the contractor's authorization permit under this permit and comply with all the Permit's conditions as part of the work.

At the third paragraph, contractor is directed that the placement of traffic signage on Acalanes Road will require that contractor procure an encroachment permit with the City of Orinda. This is a no-fee encroachment permit with the City of Orinda for traffic control in the area beyond the City of Lafayette boundary on Acalanes Road. Added to Appendix E of the project specifications is the application form for the required City of Orinda encroachment permit.

3. Clarification: Bid Item 45 for new "AC Driveway, Pathway or Shoulder on 6" Class II AB" applies to the new driveway with swale shown on Pine Lane at Howard Hills Road on Sheet 13.

Contractors bidding on this project shall replace the quantity of "190 SF" shown on Sheet 13 on Pine Lane at Howard Hills Road with "189 SF" and consider adding new 6" Class II Aggregate Base under the new 0.25' Asphalt Concrete driveway with a swale shown on Detail 12 of Sheet 3.

4. **The contractor is reminded that the acknowledgement of receipt of addenda is required on page P-1 of the Bid document.**

#### Attachments:

1. Caltrans Encroachment Permit No. 04-24-N-CS-0470 (37 Pages)
2. City of Orinda Encroachment Permit Form (2 Pages)

CITY OF LAFAYETTE

Date: April 10, 2024

\_\_\_\_\_/s/\_\_\_\_\_  
By: Ana Bernardes, Senior Engineer

**ENCROACHMENT PERMIT**

DOT TR-0120 (REV 05/2023)

Permit No.  
04-24-N-CS-0470In compliance with your application of March 19, 2024Dist/Co/Rte/PM  
04/CC/024/PM R4.96-Var

## Reference Documents:

- Utility Notice No. \_\_\_\_\_ of \_\_\_\_\_
- Agreement No. \_\_\_\_\_ of \_\_\_\_\_
- R/W Contract No. \_\_\_\_\_ of \_\_\_\_\_
- Project code (ID): \_\_\_\_\_ CFC #: \_\_\_\_\_
- Applicant's Reference/ Utility Work Order No. 014-9741

Permit Approval Date  
April 08, 2024

Performance Bond Amount (1)	Payment Bond Amount (2)
\$0	\$0

Bond Company  
\$ N/A

Bond Number (1)	Bond Number (2)
\$ N/A	\$ N/A

TO: City of Lafayette  
C/O: Ana Bernardes  
3675 Mt Diablo Blvd, Lafayette,  
Lafayette CA 94549  
(925)299-3209

, PERMITEE

and subject to the following, PERMISSION IS HEREBY GRANTED to:

Remove the existing concrete curb ramp, adjacent curb and gutters, and sidewalks and replace with new compliant ADA concrete curb ramp, adjacent curb and gutters, and sidewalks underneath State Highway 04-CC-24, at Post Mile R4.96, in the City of Lafayette, Contra Costa County.

A minimum of 7 days prior to the start of work under this encroachment permit, notice must be given to State Representative Reza Shirazi, 611 Payran Street, Petaluma, CA 94952, at reza.shirazi@dot.ca.gov or (510)-715-9573, weekdays between 7:00 a.m. and 3:30 p.m., excluding holidays.

Notwithstanding General Provision 35, lane closures and other activities that may cause a traffic impact requires the permittee to apply for and obtain a closure ID prior to the start of work.

**THIS PERMIT IS NOT A PROPERTY RIGHT AND DOES NOT TRANSFER WITH THE PROPERTY TO A NEW OWNER.**

The following attachments are also included as part of this permit (check applicable):

- YES  NO General Provisions
- YES  NO Utility Maintenance Provisions
- YES  NO Storm Water Special Provisions
- YES  NO Special Provisions
- YES  NO A Cal-OSHA Permit, if required: Permit No. \_\_\_\_\_
- YES  NO As-Built Plans Submittal Route Slip for Locally Advertised Projects
- YES  NO Storm Water Pollution Protection Plan

In addition to fee, the permittee will be billed actual costs for:

- YES  NO Review
- YES  NO Inspection
- YES Field Work  
(if any Caltrans effort expended)

**As-built Plans are Required**

- YES  NO

YES  NO The information in the environmental documentation has been reviewed and considered prior to approval of this permit.

This permit is void unless the work is completed before April 30, 2025

This permit is to be strictly construed and no other work other than specifically mentioned is hereby authorized.

No project work shall be commenced until all other necessary permits and environmental clearances have been obtained.

CC:  
#1: DAVID L DESPAIN  
#2: SORATHA SING  
#3: MOHAMMAD R SHIRAZI  
#4:

APPROVED:

Dina El-Tawansy, District Director

BY

Jae-Myung Lee  
Jae-Myung Lee (Apr 8, 2024 10:21 PDT)

JAE-MYUNG LEE, District Permit Engineer

**ADA Notice**

This document is available in alternative accessible formats. For more information, please contact the Forms Management Unit at (279) 234-2284, TTY 711, in writing at Forms Management Unit, 1120 N Street, MS-89, Sacramento, CA 95814, or by email at Forms.Management.Unit@dot.ca.gov.

In addition to the 2023 Standard Specifications and Standard Plans (available at <https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications>), the attached “Encroachment Permit General Provisions” (TR-0045) (available at <https://dot.ca.gov/-/media/dot-media/programs/traffic-operations/documents/encroachment-permits/ep-general-provisions-a11y.pdf>), “Storm Water Special Provisions for Minimal or No Impact (SWSP)” (TR-0400), “Hazardous Materials and Hazardous Waste Management Special Provisions” (TR-0408), and Trench Detail (available at <http://dot.ca.gov/programs/traffic-operations/ep/ep-manual/>) all work permitted herein must comply with the following provisions:

A pre-job meeting with the State Representative is required at least 7 days prior to the start of any work under this encroachment permit. Failure to do so may result in permit revocation with no prejudice.

The permittee must provide the stage construction plans, traffic handling plans, work schedule, and a list of all sub-contractors to the State Representative at the time of the pre-job meeting.

Certain details of work authorized herein are shown on the plans and specifications submitted by the permittee and attached to this encroachment permit.

Should ground-disturbing activities take place as part of this project within the State highway right-of-way and there is an inadvertent archaeological or burial discovery, the permittee must cease all construction within 50 feet of the find, notify the County coroner, if necessary, and immediately contact Office of Cultural Resource Studies (OCRS), Caltrans District 4. Upon contact, an OCRS archaeologist will evaluate the find within one business day. Your attention is directed to the 2023 Caltrans Standard Specification, Section 5-1.36, “Property and Facility Preservation” (available at <https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications> and Business and Professions Code, Section 8771. Permittee must physically inspect the work site and locate survey monuments before work commencement. Monuments that might be disturbed must be referenced or reset in accordance with Business and Professions Code.

If feasible, monuments should not be set within the traveled way. All monuments that must be set or perpetuated in paved surfaces, must be constructed in accordance with the 2023 Caltrans Standard Specification, Section 78-2, “Survey Monuments” and the 2023 Caltrans Standard Plan A74, Type D, (available at <https://dot.ca.gov/programs/design/ccsstandard-plans-and-standard-specifications> equal with prior approval of the District Surveys Engineer.

Copies of Corner Records filed or Record of Surveys recorded in compliance with the Business and Professions Code must be forwarded to the District Surveys Engineer.

All the permittee’s personnel must wear appropriate and approved personal protective equipment per Chapter 12 of Caltrans "Safety Manual", including hard hats and bright-colored safety vests, shirts or jackets with retro-reflective material, while on the State right-of-way.

Permittee must give the State Representative at least 7 days advance notice for lane closure requests.

Permittee must stop work and notify the State Representative immediately upon encountering field safety or environmental issues.

Request for rider permit must be made minimum two weeks prior to start of the construction.

Additional inspection hours will be charged at the current State hourly rate.

Signs, lights, flags or other protective devices must not obscure the visibility of, nor conflict in intent, meaning, and function of either existing signs, lights and traffic control devices, or any construction area signs.

On conventional highways, permittee's vehicles and equipment not involved in the permitted activities must be legally located off the traveled way and not interfere with free traffic and pedestrian flow.

No vehicle or equipment must be stored overnight within the State highway right-of-way. All vehicles and equipment must be removed immediately at the completion of the day's work. Refueling of vehicle or equipment within the State highway right-of-way is strictly prohibited.

Traffic control must comply with the 2023 Caltrans Standard Plans T9 through T22 (available at <https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications>), and the California MUTCD, Part 6, "Temporary Traffic Control" (available at <https://dot.ca.gov/programs/safety-programs/camutcd/camutcd-files>).

All traffic control devices must be installed, maintained, and removed by a qualified traffic control contractor.

Construction activities must not inconvenience the public or abutting property owners. Maintain access to driveways, houses, and buildings.

The State Representative and CHP reserve the right to require reopening the highway at any time as necessary. All cost must be borne by the permittee.

Traffic control is authorized between hours of 9:00 a.m. - 3:00 p.m., Monday through Friday, excluding holidays as defined in the 2023 Caltrans Standard Specifications (available at <https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications>). Traffic control must be in compliance with the approved traffic control plans.

Access for pedestrians and bicyclists must be maintained at all times.

All traffic and turn movements must be accommodated.

Sign(s) may be placed within State right-of-way as necessary.

Except for installing, maintaining, and removing traffic control devices, any work encroaching within 3 feet of the edge of a travel lane for areas with a posted speed limit below 45mph, or 6 feet of the edge of a travel lane, for areas with a speed limit posted at 45mph or higher, requires closing of that travel lane. Any work encroaching within 6 feet of the edge of the shoulder, requires closing of that shoulder.

Do not reduce an open traffic lane width to less than 11 feet. If traffic cones or delineators are used for temporary edge delineation, the side of the base of the cones or delineators nearest traffic is considered the edge of traveled way.

Traffic control using flagging, must comply with the California MUTCD, Part 6E, "Flagger Control" (available at <https://dot.ca.gov/programs/safety-programs/camutcd/camutcd-files>), and Cal/OSHA Construction Safety Orders, Section 1599, "Flaggers", (available at <https://www.dir.ca.gov/title8/1599.html>).

When the work area encroaches upon a sidewalk, walkway, or crosswalk area, special consideration must be given to pedestrian safety. Protective barricades, fencing, handrails and bridges, together with warning and guidance devices and signs must be utilized so that the passageway for pedestrians, especially blind and other physically handicapped, is safe and well defined and shown on the approved plan.

Temporary pedestrian facilities must comply with the Caltrans Temporary Pedestrian Facilities Handbook (available at <https://dot.ca.gov/-/media/dot-media/programs/construction/documents/contract-administration/temporary-pedestrian-facilities-handbook-ally.pdf>) and the California MUTCD Part 6, Chapter 6D – "Pedestrian and Worker Safety" (available at <https://dot.ca.gov/programs/safety-programs/camutcd/camutcd-files>).

Notwithstanding General Provision 13, temporary pedestrian access routes must comply with the 2023 Caltrans Standard Plans T30 through T34 (available at <https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications>).

Temporary pedestrian walkways and canopies must comply with the requirements of the applicable local agency or the latest edition of the International Building Code whichever contains the higher standards.

Curbs and sidewalks must be saw cut to the nearest score mark and replaced equal in dimension to that removed with score marks matching existing adjacent curb and sidewalk.

Curbs and adjacent pavement must be saw cut to a neat line prior to excavating and forming. Pavement must be replaced in kind and must conform to lip of new gutter.

Curbs and gutters must conform to the 2023 Caltrans Standard Plan A87A, Type A2-6, (available at <https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications>) unless necessary to conform to existing adjacent curb and gutter installations.

Curbs and gutters must be placed over 6 inches of Class II Aggregate Base. Sidewalks must be a minimum 4 inches PCC placed over 3 inches of Class II Aggregate Base.

A monolithic pour of curb and sidewalk is not permitted

Utility pull boxes, manholes, vaults, and other utility facilities must be adjusted to grade.

Streets and highways in the San Francisco Bay Area contain a significant number of existing underground utilities. This includes traffic signal conduits that are installed 9 inches or less in depth. The permittee is responsible for necessary site investigations for identification of the location and depth of existing underground facilities prior to excavation (e.g., pothole or hand-dig) to avoid damage or disruption in services.

All pavement must be saw cut prior to removal, or removed by grinding.

Obliterated pavement markings must be replaced in kind.

All signs and markings must comply with the California MUTCD (available at <https://dot.ca.gov/programs/safety-programs/camutcd/camutcd-files>).

Where Asphalt Concrete (AC) has been placed, temporary painted traffic striping and pavement markings must be installed within 24 hours. Where shown on the plans, after 30 days curing time, thermoplastic materials must be applied in accordance with the 2023 Caltrans Standard Specifications, Section 84, "Markings" (available at <https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications>).

If existing public or private utilities conflict with the construction project, permittee will make necessary arrangements with the owners of such utilities for their protection, relocation, or removal. Permittee must inspect the protection, relocation, or removal of such facilities. Total costs of such protection, relocation, or removal must be borne by permittee in compliance with the terms of the Highway Encroachment Permits, Case Law, Public Utility Regulations, and Property Rights. Permittee must require any utility company performing relocation work in the State highway right-of-way to obtain an Encroachment Permit before the performance of said relocation work. Any relocated utilities must be correctly located and identified on the As-Built plans.

Temporary pedestrian walkways and canopies must comply with the requirements of the applicable local agency or the latest edition of the International Building Code whichever contains the higher standards. Trench excavation must comply with the 2023 Caltrans Standard Specifications, Section 19-3, "Structure Excavation and Backfill" (available at <https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications>).

Trench backfill must comply with the attached trench detail and the 2023 Caltrans Standard Specifications, Section 19.3.02E, "Slurry Cement Backfill", and 19-3.02G, "Controlled Low-Strength Material".

Asphalt Concrete (AC) to be removed must be saw cut to the full depth along both sides of the trench. Portland Cement Concrete (PCC) to be removed must be saw cut to a minimum depth of 4 inches along both sides of the trench.

Where the edge of trench is within 2 feet of curb, gutter, or pavement edge, Asphalt Concrete (AC) pavement between the trench and curb, gutter, or pavement edge must be removed and replaced.

Open trenching is authorized one lane at a time with approved traffic control.

No excavation must be left open overnight. Temporary backfilling of excavations in finished surfaces must be capped with a minimum 3 inches Asphalt Concrete (AC).

Permittee must reuse the soil within the work limits in the immediate area from which it was excavated. If any excess soil is generated, it becomes the property of the permittee. Permittee must transport all excess soil outside the State highway right-of-way, and dispose of it in accordance with all applicable environmental laws and regulations.

Changes to the provisions herein require an Encroachment Permit Rider, except for minor changes authorized by the State Representative.

Time extension requests must be made a minimum 2 weeks prior to permit expiration.

The State Representative or CHP may stop work not being performed in compliance with this permit.

Neither materials nor waste must be stockpiled within the State highway right-of-way.

All mud, dirt, and gravel tracked onto the roadway must be immediately removed.

Upon completion of work authorized by this encroachment permit, the permittee must provide the State Representative with three sets of As-Built plans, in accordance with General Provision 22.

Upon completion of work authorized by this encroachment permit, the permittee must provide the State Representative with a post-construction "Certification of Compliance with Americans with Disabilities Act (ADA)" (TR-0405) (available at <https://forms.dot.ca.gov/v2Forms/servlet/FormRenderer?frmId=TR0405>), stamped and signed by a California Licensed Professional Engineer or Architect.

Upon completion of work authorized by this encroachment permit, the permittee must provide the State Representative with "Notice of Completion" (TR-0128) (available at [http://www.dot.ca.gov/trafficops/ep/docs/Appendix\\_D\\_\(WEB\).pdf](http://www.dot.ca.gov/trafficops/ep/docs/Appendix_D_(WEB).pdf)).

#### **Conditional Requirement(s):**

Work must not start until the documents listed below have been submitted to, reviewed by, and approved by Caltrans. This permit is conditionally issued without the documents listed below, at the request of the Permittee. The Permittee acknowledges and will ensure that the following documents will be submitted to Caltrans for review and approval prior to scheduling authorized work/activities:

- The Permittee must submit a completed and signed "Encroachment Permit Applicant: Contractor(s) Authorization Form" (Form TR-0429) (available at <https://dot.ca.gov/-/media/dot-media/programs/traffic-operations/documents/encroachment-permits/tr-0429-all.pdf>) with information of all the Permittee's contractors, and their sub-contractors who will be performing work authorized under the conditions of this encroachment permit. Permittee must also have all contractors complete their portion of the form and submit the final signed forms to the State Representative and District Permit Engineer at or prior to the preconstruction meeting. The form must be completed by hand.

Non-compliance with this provision may result in Caltrans taking actions including but not limited to canceling this permit without further notice, requiring bonds, and/or not providing such conditional approvals for the Permittee on future projects.

**Additional Enclosure(s):**

1. Project Plans
2. Encroachment Permit Applicant: Contractor(s) Authorization Form (Form TR-0429)
3. Notice of Completion (TR-0128)

**ENCROACHMENT PERMIT APPLICANT: CONTRACTOR(S) AUTHORIZATION FORM**

DOT TR-0429 (NEW 12/2022)

The Permittee warrants and represents the Permittee has hired the following prime contractor(s) to perform the approved encroachment activities under Encroachment Permit # \_\_\_\_\_ on the Permittee's behalf as agents in accordance with Encroachment Permit General Provision #4 or Adopt-A-Highway Special Provision # 3, whichever is part of the Encroachment Permit. The Permittee warrants and represents the Permittee has provided a copy of the Encroachment Permit to the prime contractor(s) listed below, and further warrants and represents that the activities related to the Encroachment Permit, whether performed by the Permittee or by the prime contractor(s) below or by any person or entity acting for or on behalf of the Permittee, will be performed in compliance with all terms, conditions, specifications, standards, provisions, and other requirements of the subject Encroachment Permit. The person signing below warrants and represents such person has authority on behalf of the Permittee to make the warranties and representations contained herein, and to agree to and so bind the Permittee to this page.

**List of authorized prime contractors for the encroachment permit:**

Contractor Name	Scope of work (Traffic Control/civil work etc.)	Contact Person	Contact Person's Information (Phone # and E-mail)

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

\_\_\_\_\_  
Name of Permittee

\_\_\_\_\_  
Name and Title of Person  
Signing for Permittee (Print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date



**ENCROACHMENT PERMIT APPLICANT: CONTRACTOR(S) AUTHORIZATION FORM**

DOT TR-0429 (NEW 12/2022)

By signing below, each prime contractor acknowledges that such prime contractor has received a copy of Encroachment Permit # \_\_\_\_\_ and agrees such prime contractor, and such prime contractor's employees, managers, officers, directors, agents, subcontractors, and suppliers, will comply with, and will perform all activities in accordance with, all terms, conditions, specifications, standards, provisions, and other requirements of the Encroachment Permit, including but not limited to notifying the permit inspector as required in the Encroachment Permit and reporting the lane closure notifications per the Encroachment Permit General Provisions (TR-0045). Each person signing on behalf of each prime contractor warrants and represents such person has the authority to make the acknowledgements, warranties, and representations contained herein on behalf of the named prime contractor, and has the authority to agree to and so bind the named prime contractor to this page.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

_____ <b>Name of Prime Contractor</b>	_____ <b>Name and Title of Person Signing for Contractor (Print)</b>	_____ <b>Signature</b>	_____ <b>Date</b>
_____ <b>Name of Prime Contractor</b>	_____ <b>Name and Title of Person Signing for Contractor (Print)</b>	_____ <b>Signature</b>	_____ <b>Date</b>
_____ <b>Name of Prime Contractor</b>	_____ <b>Name and Title of Person Signing for Contractor (Print)</b>	_____ <b>Signature</b>	_____ <b>Date</b>
_____ <b>Name of Prime Contractor</b>	_____ <b>Name and Title of Person Signing for Contractor (Print)</b>	_____ <b>Signature</b>	_____ <b>Date</b>

# CITY OF LAFAYETTE

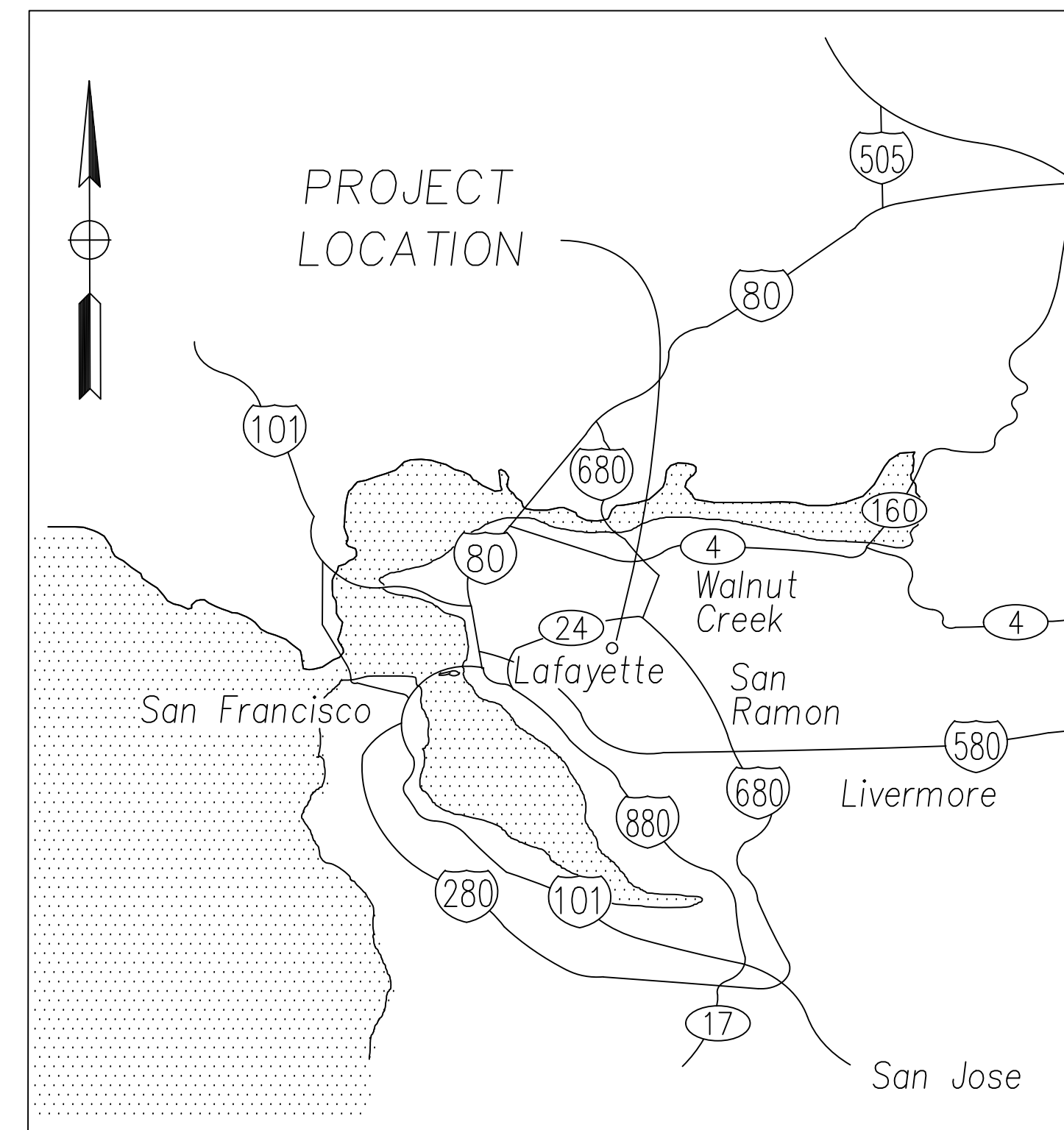
## 2024 ROAD PAVING PROJECT

### PROJECT NUMBER 014-9741

#### GENERAL NOTES:

- UTILITY INFORMATION AND OBSTRUCTIONS SHOWN ON THE PROJECT PLANS AND PROVIDED IN THE SPECIFICATION ARE ONLY INFORMATIONAL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES WITHIN THE WORK AREA PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A.) A MINIMUM OF TWO WORKING DAYS IN ADVANCE OF ANY EXCAVATION. EXCAVATION SHALL NOT BEGIN UNTIL UNDERGROUND UTILITIES HAVE BEEN LOCATED.
- THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE AGENCIES PRIOR TO THE START OF ANY WORK WHICH MAY AFFECT THEIR FACILITIES. THE FOLLOWING UTILITIES AND AGENCIES ARE KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS:  
  

CENTRAL CONTRA COSTA SANITARY DISTRICT	(925) 228-9500
EAST BAY MUNICIPAL UTILITY DISTRICT (WATER)	(510) 285-0834
AT&T (TELEPHONE)	(415) 542-9000
PACIFIC GAS AND ELECTRIC (GAS)	(510) 784-3211
PACIFIC GAS AND ELECTRIC (ELECTRIC)	(510) 784-3236
CONSOLIDATED FIRE PROTECTION DISTRICT	(925) 930-5531
COMCAST (CABLE TELEVISION)	(925) 349-3300
- THE CONTRACTOR SHALL INSPECT THE PROJECT SITE PRIOR TO SUBMITTING A BID IN ORDER TO OBSERVE AND DETERMINE THE EXISTING SITE CONDITIONS.
- TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY. ALL TRAFFIC CONTROL AND DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES" USED BY THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION.
- THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT. THESE PLANS DO NOT INCLUDE COMPONENTS NECESSARY FOR CONSTRUCTION SAFETY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE FOR THE SAFETY OF ALL PERSONS AND PROPERTY DURING THE COURSE OF THE PROJECT.
- THE CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS OF CAL/OSHA. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- THE CONTRACTOR SHALL PROVIDE FOR CONTINUOUS INGRESS AND EGRESS TO ALL PUBLIC AND PRIVATE PROPERTIES ADJACENT TO THE WORK THROUGHOUT THE PERIOD OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE SITE OR THE SURROUNDING AREA AS A RESULT OF THE CONTRACTOR'S WORK OR OPERATIONS. EXISTING CURB, GUTTER AND ANY OTHER IMPROVEMENTS THAT ARE DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL LOCATE, REFERENCE, AND SET SUFFICIENT MARKS FOR ALL CITY OWNED AND NON-CITY OWNED EXISTING MANHOLE COVERS, VALVE COVERS, SURVEY MONUMENTS, IRON PIPES, RAILROAD SPIKES, PRIOR TO STARTING ANY WORK IN THE PAVING AREA WITHIN THE PROJECT LIMITS.
- UNLESS DRIVEWAY, SIDEWALK OR OTHER CONFORM WORK IS SHOWN, CONTRACTOR SHALL PROTECT ADJACENT DRIVEWAY, SIDEWALK OR OTHER IMPROVEMENTS IN PLACE WHEN DOING REMOVAL AND REPLACEMENT.
- PER LAFAYETTE MUNICIPAL CODE GAS POWERED LEAF BLOWERS MAY NOT BE USED.



VICINITY MAP  
NTS

#### APPLICABLE STANDARD PLANS

INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

##### CONTRA COSTA COUNTY STANDARD DETAILS (LATEST EDITION)

PLAN NUMBER	DESCRIPTION
CA40	SURVEY MONUMENT FRAME AND COVER
CA70	STANDARD SIDEWALK DETAILS
CA71	MEDIAN CURB AND HMA DIKE DETAILS
CA74	DOWELING DETAILS FOR CURB AND SIDEWALK
CA72	DRIVEWAY RAMP DETAILS
CA90	MAILBOX DETAILS
CD 27	TYPE G INLET
CD30	TYPE 1 SDMH
CD35	STANDARD INLET/ MANHOLE PLAN AND DETAILS
CRS1	SIGNING AND STRIPING STANDARDS

##### CALTRANS STANDARD PLANS (DATED 2018)

PLAN NUMBER	DESCRIPTION
A20 A,B,C	PAVEMENT MARKERS AND TRAFFIC LINES, TYPICAL DETAILS
A24 A,C,D,F	PAVEMENT MARKINGS, ARROWS, SYMBOL, NUMERALS, WORDS AND CROSSWALKS
A 73	OBJECT MARKERS
A87 B	CURB RAMP DETAILS
RSP A88A	
CA71	MEDIAN, CURB AND HMA DIKE DETAILS
ES B	ELECTRICAL SYSTEMS ( DETECTORS)
D77 A	GRATE DETAILS NO.1
D77 B	GRATE DETAILS NO.2

##### CENTRAL CONTRA COSTA SANITARY DISTRICT

MANHOLE AND RODDING INLET STANDARD PLANS  
MANHOLE ADJUSTMENT TO FINISH GRADE PLAN

##### EAST BAY MUNICIPAL UTILITY DISTRICT

G5 VALVE BOX WITH CAST IRON TRAFFIC LID

#### SHEET INDEX:

NO.	DESCRIPTION
1	TITLE SHEET
2	LOCATION MAP
3-5	CONSTRUCTION DETAILS
6-9	TYPICAL SECTIONS
10-11	ACALANES ROAD
12	ANGELO STREET
13-14	PINE LANE
15-16	TAYLOR BOULEVARD
17-18	PLEASANT HILL ROAD
19-22	SPRINGHILL RD AND STANLEY BLVD RAISED CROSSWALKS

#### LEGEND:

PAVEMENT OVERLAY WITH PAVEMENT REPAIRS AND CRACK FILL	
OVERLAY TRANSITION OR WEDGE GRIND AREA	
PAVE DRIVEWAY OR SHOULDER ON EXISTING BASE OR 6" NEW BASEROCK	
SHOULDER BACKING	
REMOVE CONCRETE OR ASPHALT IMPROVEMENTS	
CONSTRUCT NEW CONCRETE IMPROVEMENTS	

#### ABBREVIATIONS:

AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
ADJ	ADJUST
BC	BEGIN CURVE
BVC	BEGIN VERTICAL CURVE
BW	BACK OF WALK
CL	CENTER LINE
CB	CATCH BASIN
CMP	CORRUGATED METAL PIPE
(D), DES	DESIGN
D/W, DWY	DRIVEWAY
DI	DRAIN INLET
EC	END CURVE
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EVC	END OF VERTICAL CURVE
(E), EX, EXIST	EXISTING
F/C, FC	FACE OF CURB
FG	FINISH GRADE
FL	FLOWLINE
G	GAS
GB	GRADE BREAK
GR	STORM DRAIN INLET GRATE
(H), HORIZ	HORIZONTAL
INV	INVERT
IP	IRON PIPE
IRR	IRRIGATION
JP	JOINT POLE
LF	LINEAR FEET
LIP	LIP OF GUTTER
LT	LEFT
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MON	MONUMENT
OH	OVERHEAD
PCC	POINT OF COMPOUND CURVE
MCVC	POINT OF CURVATURE VERTICAL CURVE
PVC	POINT OF INTERSECTION VERTICAL CURVE
PRC	POINT OF REVERSE CURVE
PVCP	POLYVINYLCHLORIDE PIPE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RT	RIGHT
S	SLOPE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STA	STATION
STD	STANDARD
STDS	STANDARDS
TYP	TYPICAL
T/C, TC	TOP OF CURB
(V), VERT	VERTICAL
VCP	VITRIFIED CLAY PIPE
W	WATER
WM	WATER METER
WV	WATER VALVE

DATE	MARK	REVISION	INIT.

Designed by:	TC
Drawn by:	TC
Checked by:	JML
Reviewed by:	MM
Date:	3/11/2024

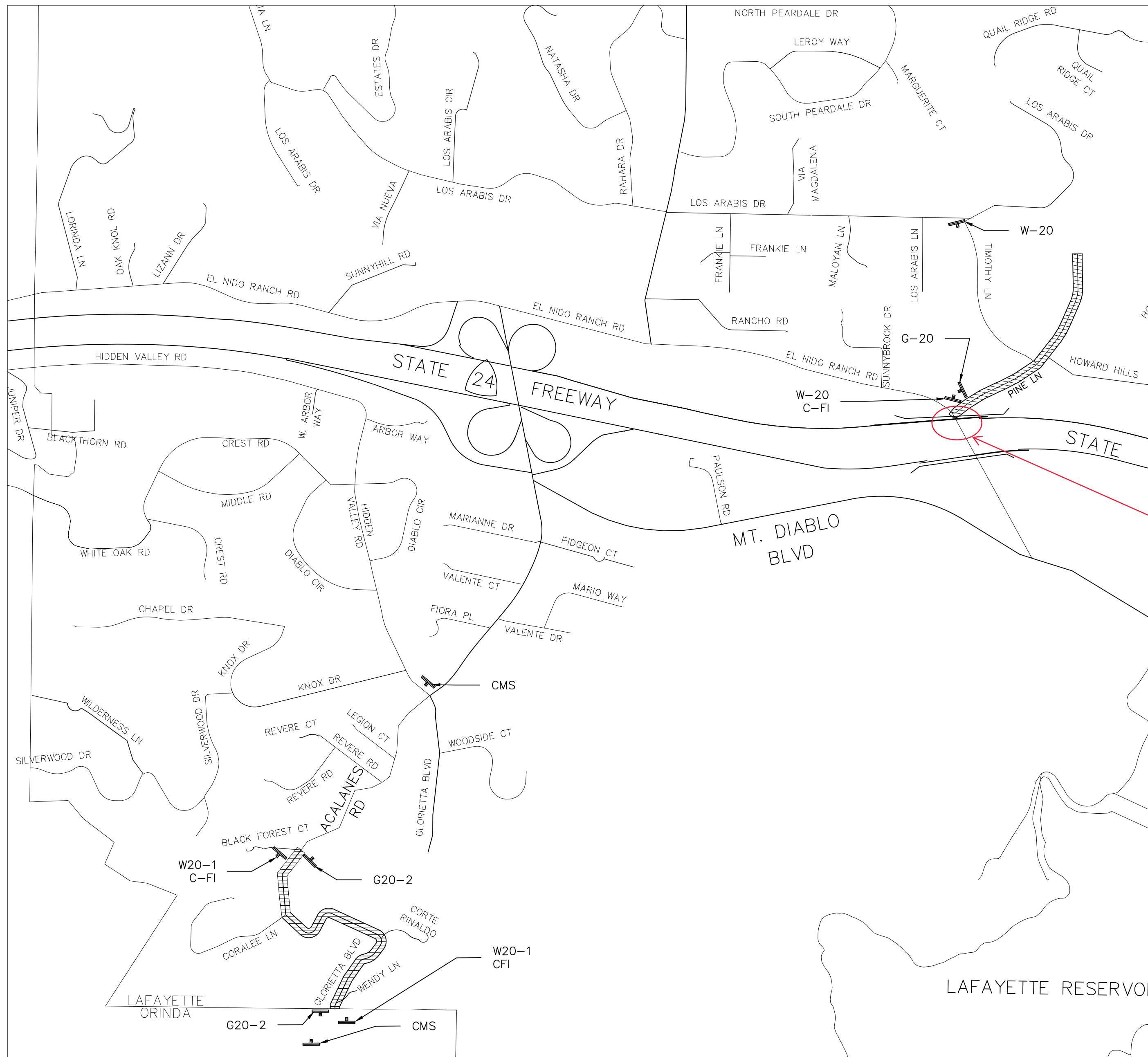
SIGN: DATE: 3/11/24

3675 Mount Diablo Boulevard, Suite 210  
Lafayette, California, 94549-1968  
(925) 299-3217 Fax (925)284-3169  
www.ci.lafayette.ca.us

REVIEWED BY:  
CITY OF LAFAYETTE  
 3/11/24  
MICHAEL MORAN, PUBLIC WORKS DIRECTOR

CITY OF LAFAYETTE  
PROJECT NO. 014-9741  
2024 ROAD PAVING  
PROJECT  
CONTRA COSTA COUNTY CALIFORNIA

TITLE SHEET  
SCALE: NTS SHEET 1 of 22



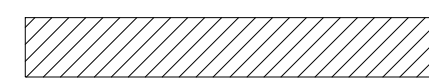
ACALANES RD AND PINE LANE PAVING LIMITS AND CONSTRUCTION AREA SIGNS

NTS

CONSTRUCTION AREA SIGNS (ACALANES RD., PINE ST., ANGELO ST., TAYLOR BLVD., PLEASANT HILL RD) AND RAISED CROSSWALKS:

LEGEND:

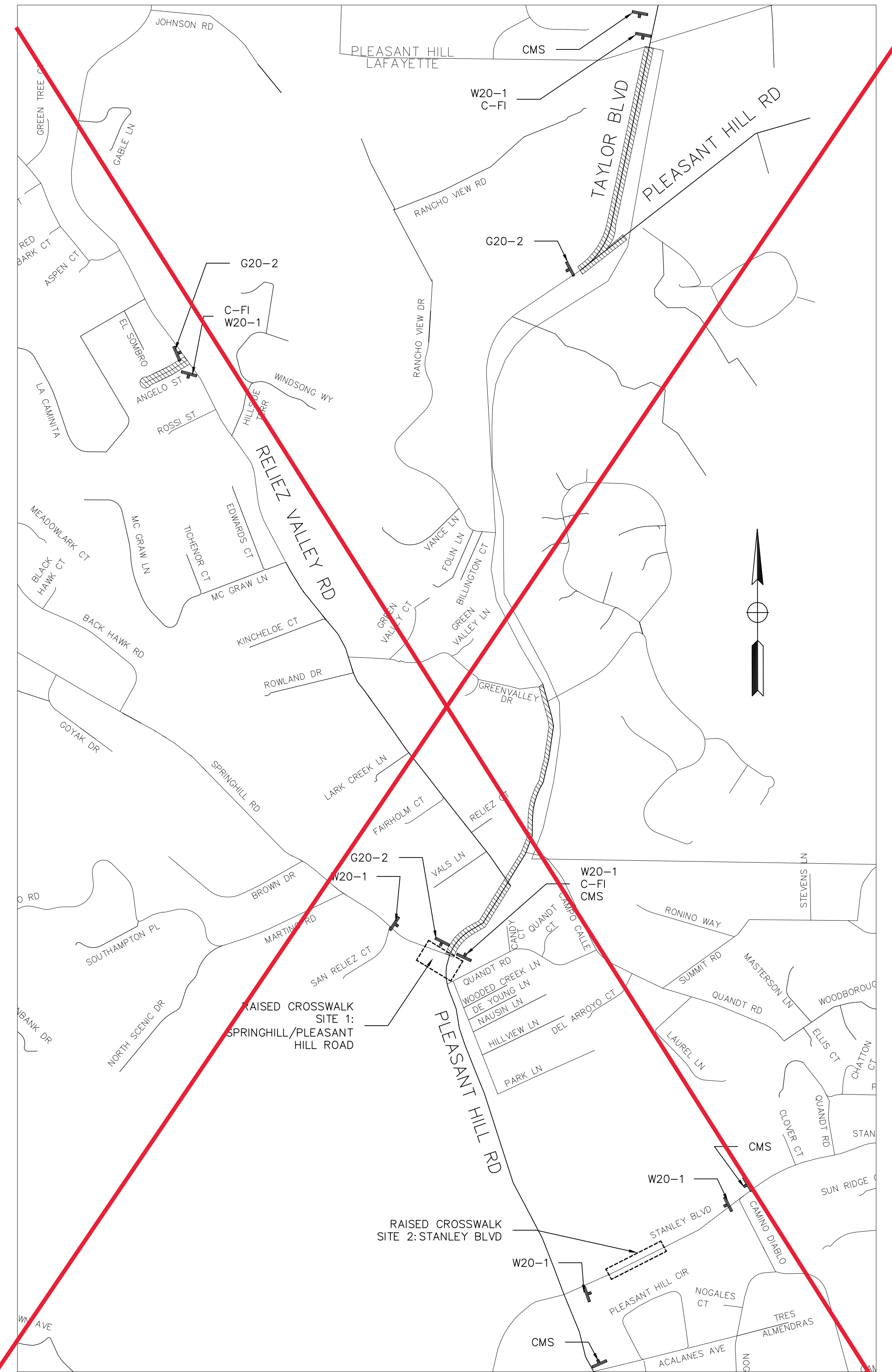
PAVEMENT OVERLAY WITH PAVEMENT REPAIRS AND CRACK FILL



RAISED CROSSWALK SITE



SYMBOL	DESCRIPTION	SIZE	QUANTITY
G-20-2	"END ROAD WORK"	42"x18"	5
W-20-1	"ROAD WORK AHEAD"	36"x36"	10
C-FI	PROJECT IDENTIFICATION AND FUNDING SIGN	48"x36"	6
CMS	CHANGEABLE MESSAGE SIGN		6



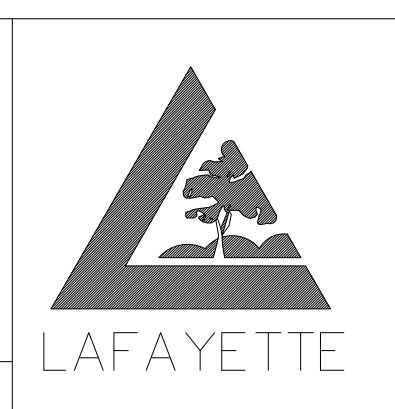
ANGELO ST, TAYLOR BLVD & PLEASANT HILL ROAD PAVING LIMITS AND CONSTRUCTION AREA SIGNS

NTS

DATE	MARK	REVISION	INIT.

Designed by: AB/TC  
 Drawn by: AB  
 Checked by: JM  
 Reviewed by: MM  
 Date: 3/11/2024

SIGN:   
 DATE: 3/11/24

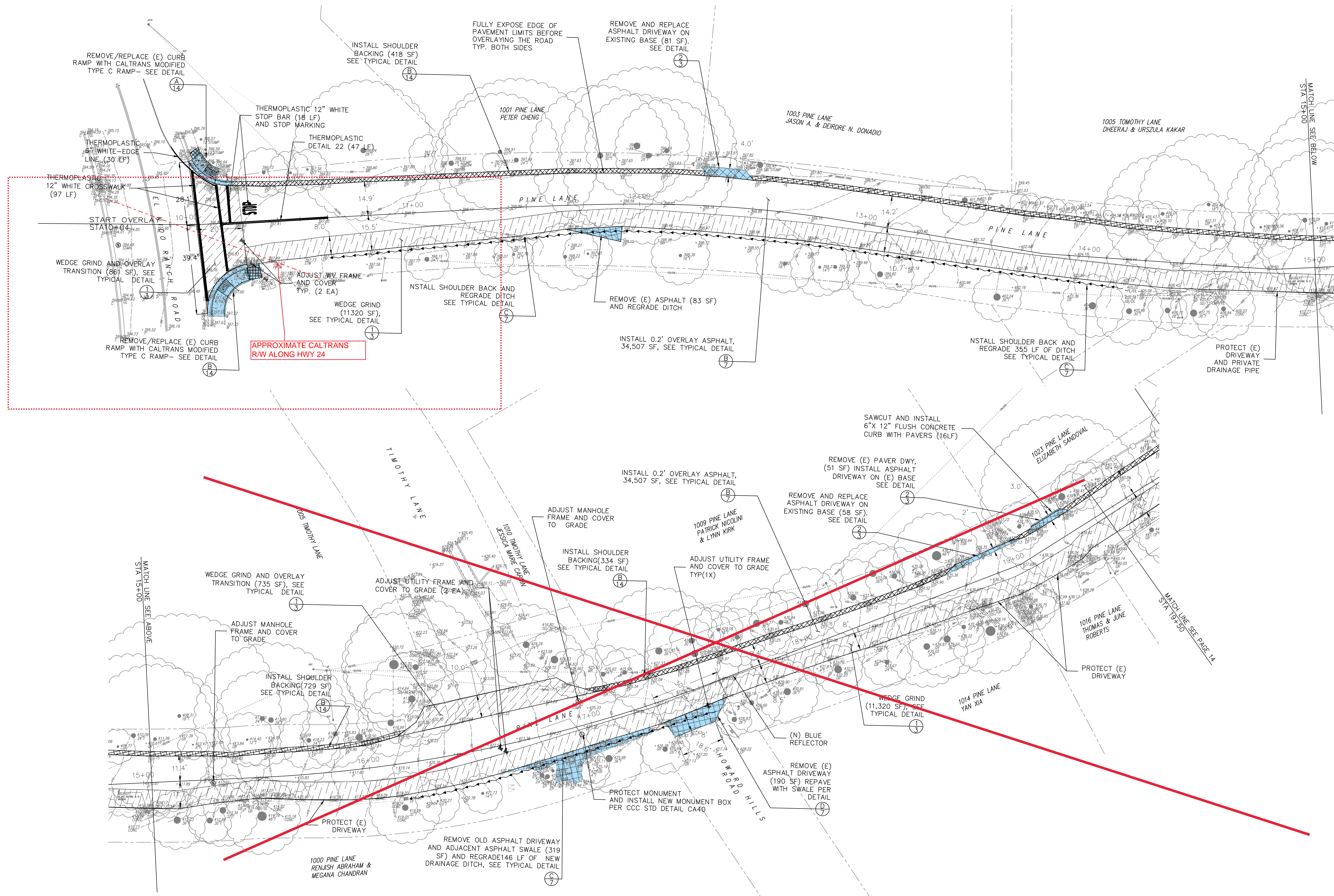


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REVIEWED BY:  
 CITY OF LAFAYETTE  
  
 MICHAEL MORAN, PUBLIC WORKS DIRECTOR  
 3/11/24

CITY OF LAFAYETTE  
 PROJECT NO. 014-9741  
 2024 ROAD PAVING  
 PROJECT  
 CONTRA COSTA COUNTY CALIFORNIA

LOCATION MAP  
 SCALE: NTS  
 SHEET 2 of 22



DATE	MARK	REVISION	INIT.

Designed by: AB  
 Drawn by: AB  
 Checked by: JML  
 Reviewed by: MM  
 Date: 24

SIGN: \_\_\_\_\_ DATE: 3/11/24

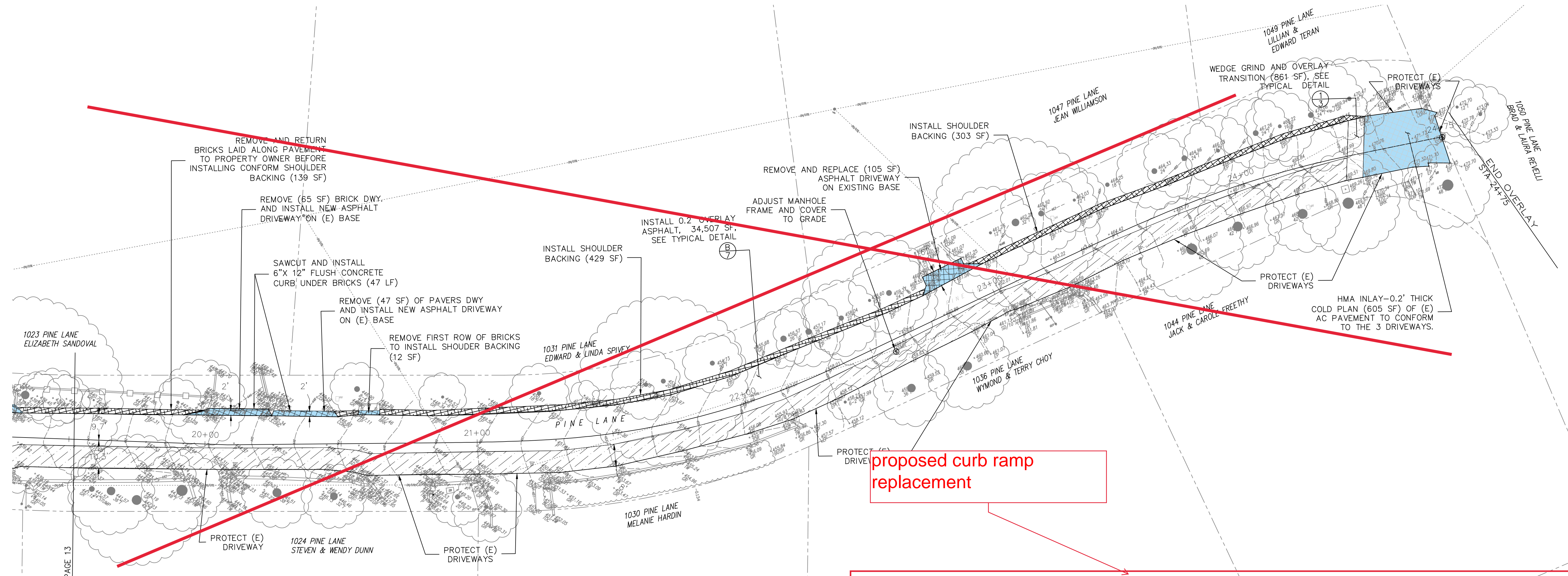


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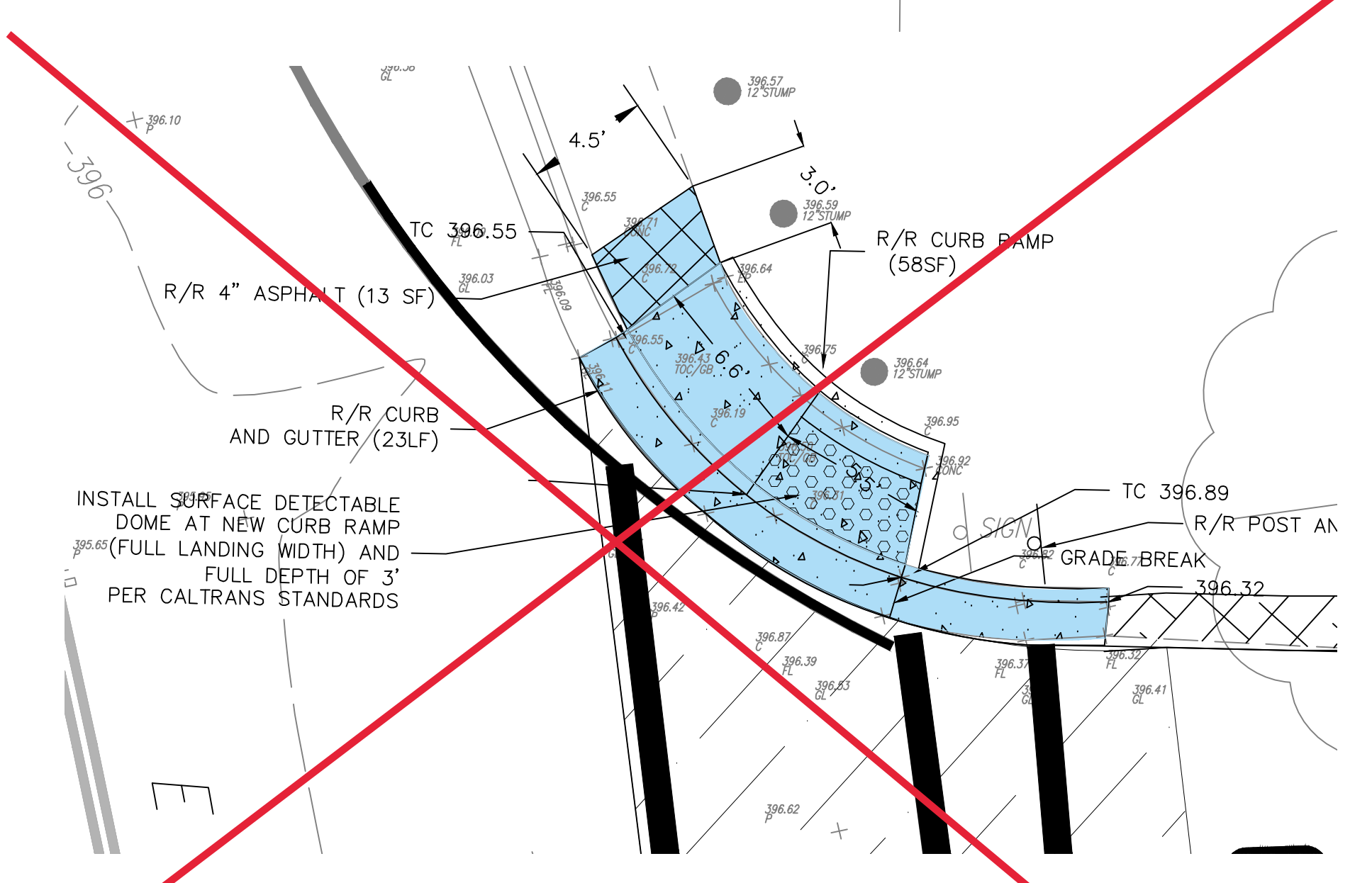
REVIEWED BY:  
 CITY OF LAFAYETTE  
*Michael Moran*  
 MICHAEL MORAN, PUBLIC WORKS DIRECTOR 3/11/24

CITY OF LAFAYETTE  
 PROJECT NO. 014-9741  
 2024 ROAD PAVING  
 PROJECT  
 CONTRA COSTA COUNTY CALIFORNIA

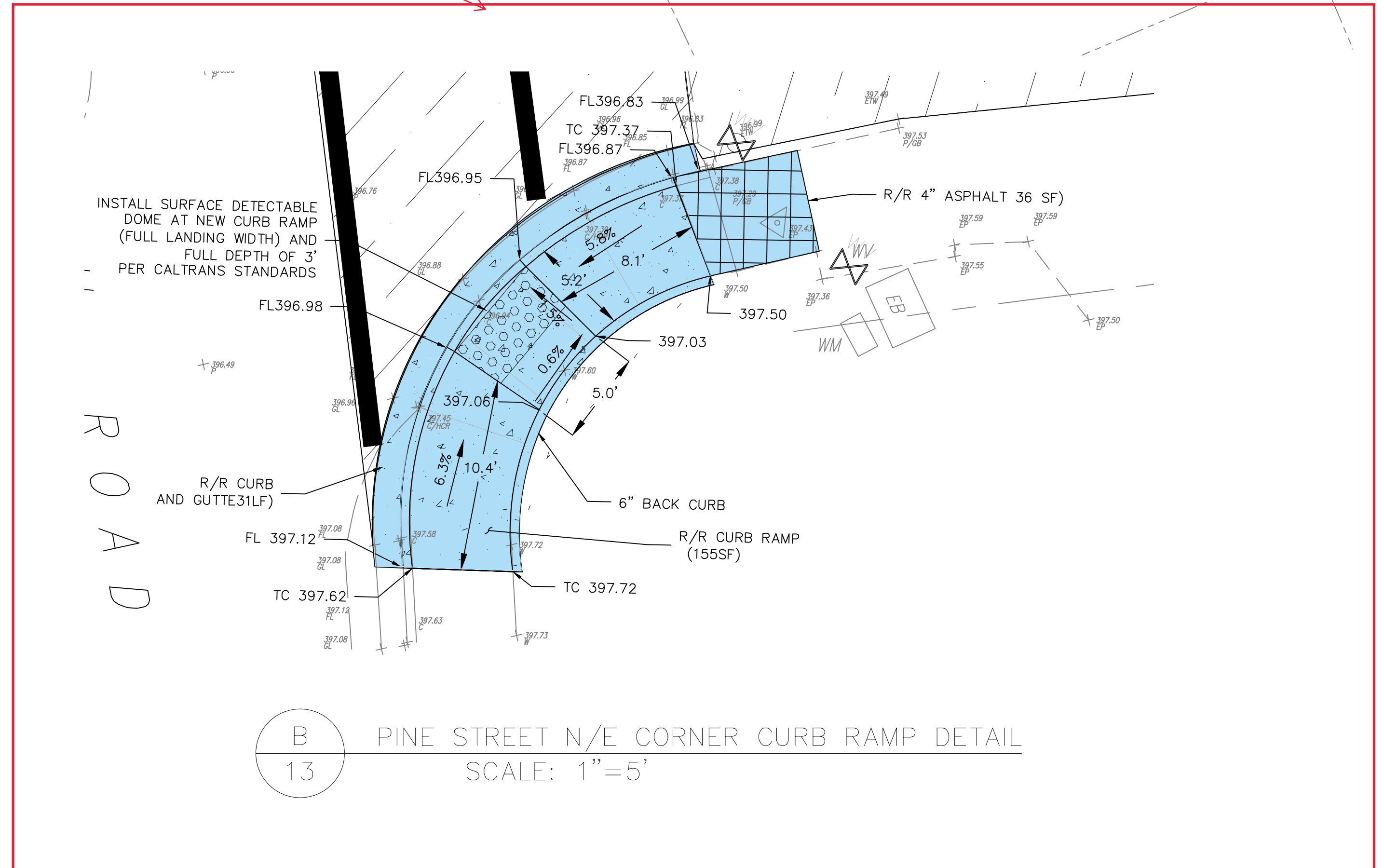
PINE LANE- PLAN VIEW  
 SCALE: 1"=20'  
 SHEET 13 of 22



proposed curb ramp replacement



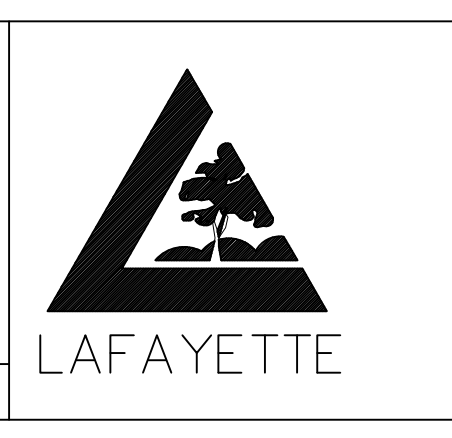
A  
13 PINE STREET N/W CORNER CURB RAMP DETAIL  
SCALE: 1"=5'



B  
13 PINE STREET N/E CORNER CURB RAMP DETAIL  
SCALE: 1"=5'

DESIGNED BY:	TC
DRAWN BY:	TC
CHECKED BY:	JM
REVIEWED BY:	MM
DATE:	3/11/2024

DESIGNED PROFESSIONAL ENGINEER  
**ANA BERNARDES**  
 No. 07648  
 Exp. 6/30/24  
 STATE OF CALIFORNIA

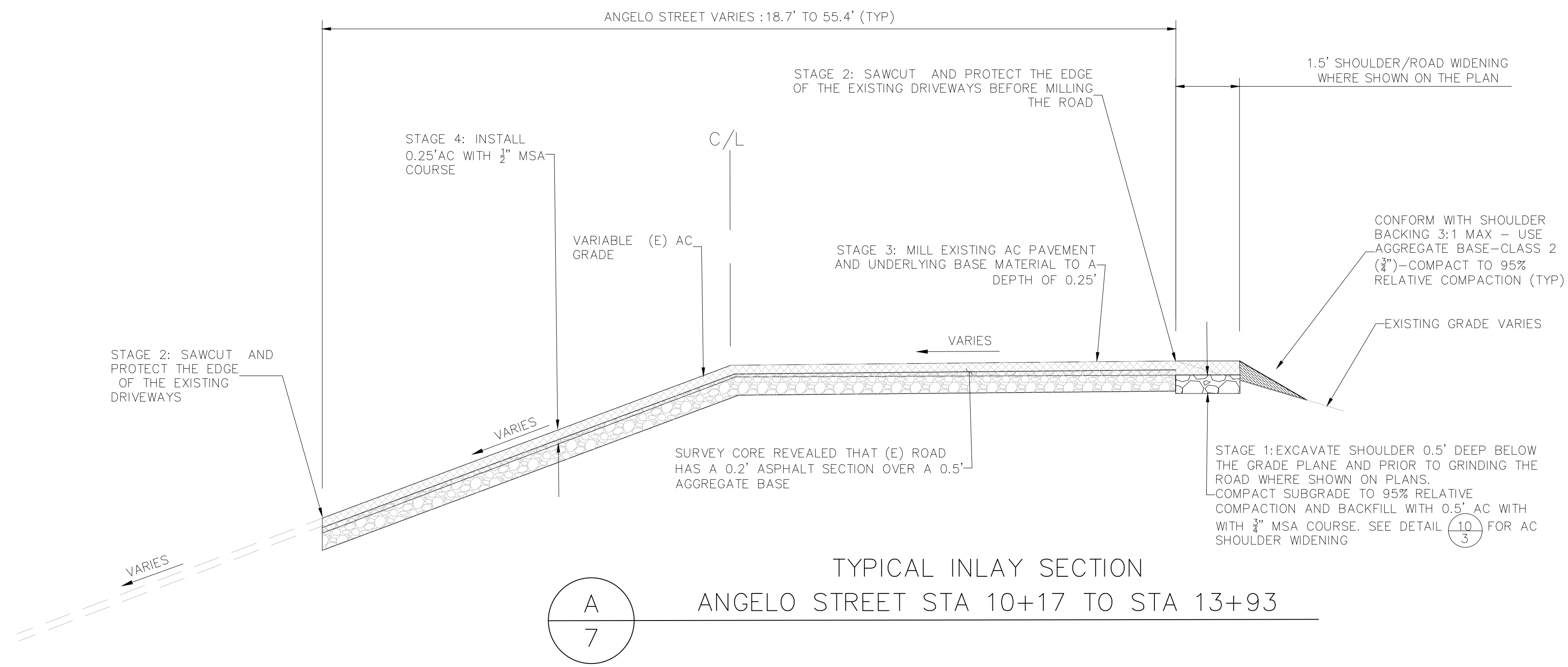


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 www.ci.lafayette.ca.us

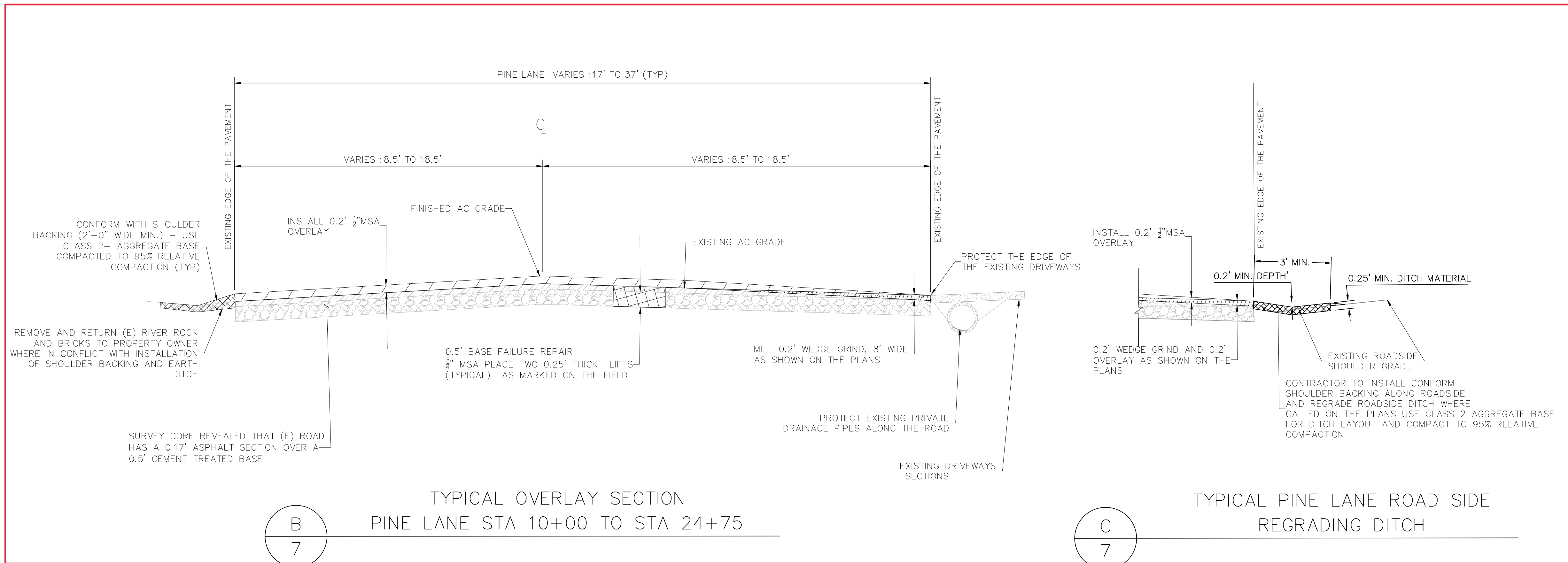
REVIEWED BY:  
 CITY OF LAFAYETTE  
*Michael Moran*  
 MICHAEL MORAN, PUBLIC WORKS DIRECTOR  
 3/11/24

CITY OF LAFAYETTE  
 PROJECT NO. 014-9741  
 2024 ROAD PAVING  
 PROJECT  
 CONTRA COSTA COUNTY CALIFORNIA

PINE LANE -PLAN VIEW (2)  
 SCALE: 1" = 20'  
 SHEET 14 of 22

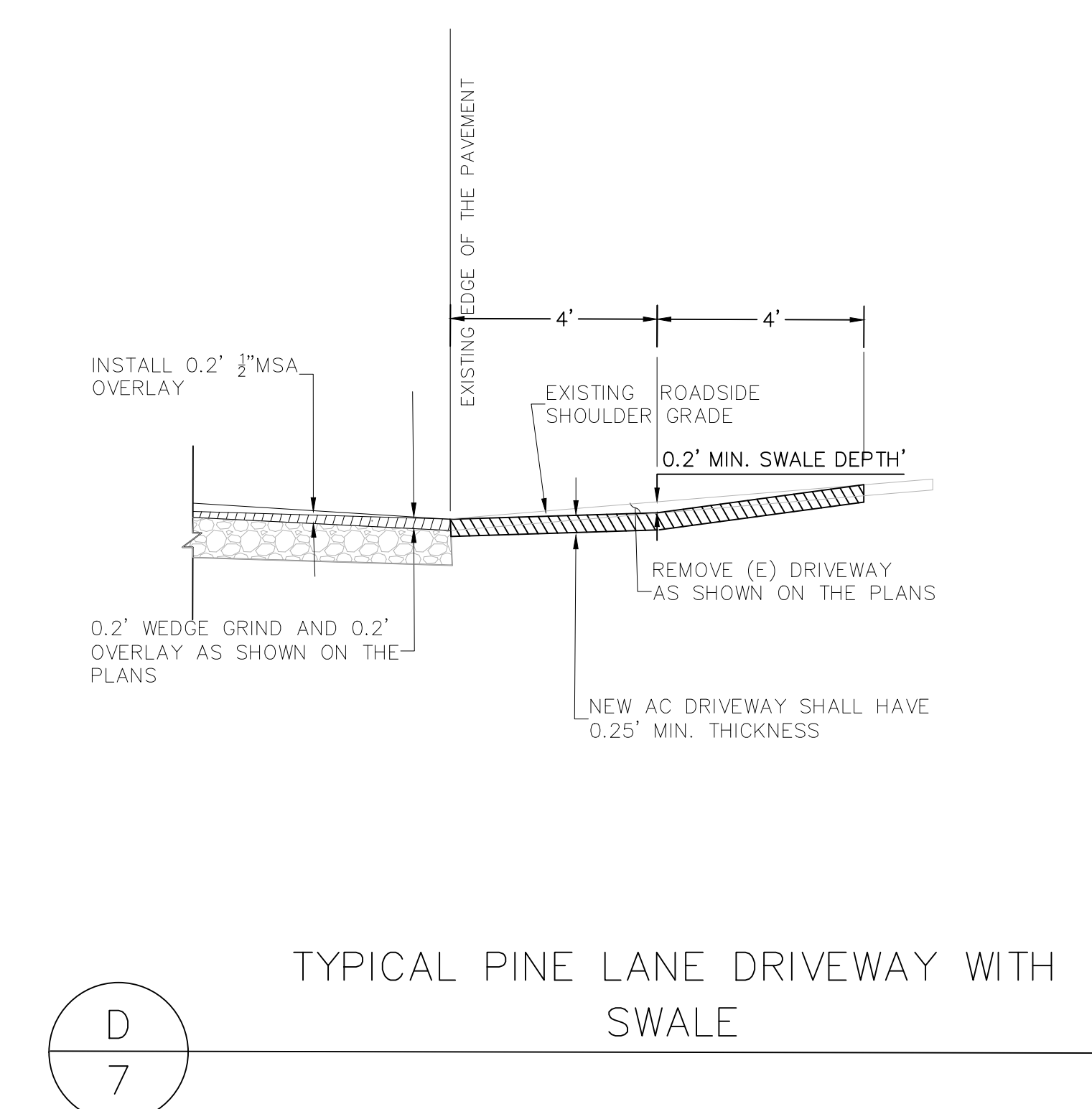


TYPICAL INLAY SECTION  
ANGELO STREET STA 10+17 TO STA 13+93



TYPICAL OVERLAY SECTION  
PINE LANE STA 10+00 TO STA 24+75

TYPICAL PINE LANE ROAD SIDE  
REGRADING DITCH



TYPICAL PINE LANE DRIVEWAY WITH  
SWALE

DATE	MARK	REVISION	INIT.

Designed by: AB  
 Drawn by: AB  
 Checked by: JML  
 Reviewed by: MM  
 Date: 3/11/2024

SIGN: *Ana Bernades*  
 DATE: 3/11/24

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REVIEWED BY:  
 CITY OF LAFAYETTE  
*Michael Moran*  
 MICHAEL MORAN, PUBLIC WORKS DIRECTOR  
 3/11/24

CITY OF LAFAYETTE  
 PROJECT NO. 014-9747  
 2024 ROAD PAVING  
 PROJECT  
 CONTRA COSTA COUNTY CALIFORNIA

ANGELO ST & PINE LN TYPICAL  
 SECTIONS  
 SCALE: NTS  
 SHEET 7 of 22





# Postmile

Point  Line  Components

County

CC-Contra Co: ▾

Route

24 ▾ ▾

Postmile

R ▾ 4.96 ▾

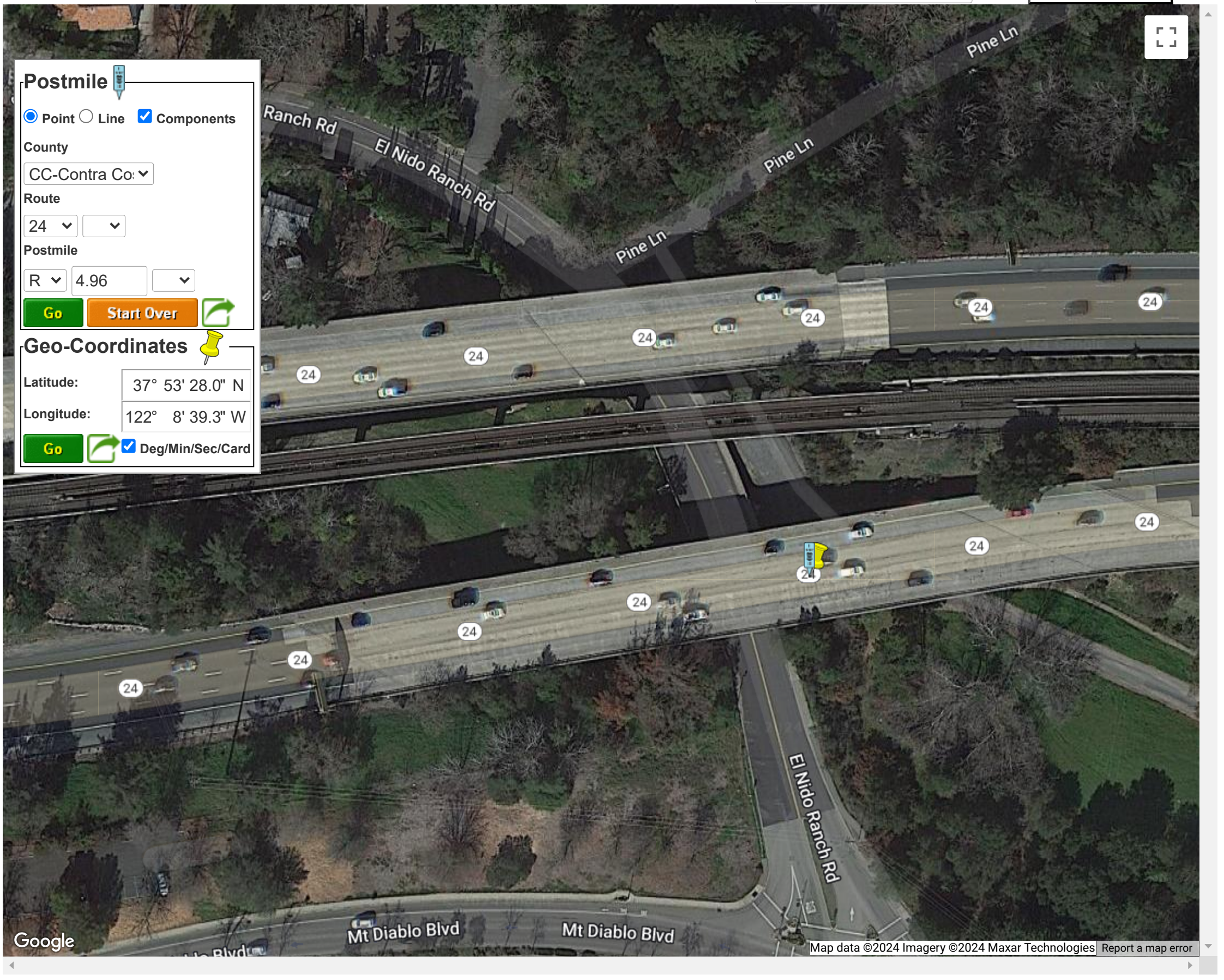
**Go** **Start Over**

## Geo-Coordinates

Latitude: 37° 53' 28.0" N

Longitude: 122° 8' 39.3" W

**Go**  Deg/Min/Sec/Card






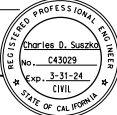
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
 REGISTERED CIVIL ENGINEER					
May 1, 2023 PLANS APPROVAL DATE					
					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					

TABLE 1

SPEED (S)	MINIMUM TAPER LENGTH * FOR WIDTH OF OFFSET 12 FEET (W)				MAXIMUM CHANNELIZING DEVICE SPACING		
	TANGENT 2L	MERGING L	SHIFTING L/2	SHOULDER L/3	X	Y	Z **
					TAPER	TANGENT	CONFLICT
mph	ft	ft	ft	ft	ft	ft	ft
20	160	80	40	27	20	40	10
25	250	125	63	42	25	50	12
30	360	180	90	60	30	60	15
35	490	245	123	82	35	70	17
40	640	320	160	107	40	80	20
45	1080	540	270	180	45	90	22
50	1200	600	300	200	50	100	25
55	1320	660	330	220	50	100	25
60	1440	720	360	240	50	100	25
65	1560	780	390	260	50	100	25
70	1680	840	420	280	50	100	25
75	1800	900	450	300	50	100	25

\* - For other offsets, use the following merging taper length formula for L:  
 For speed of 40 mph or less,  $L = WS^2/60$   
 For speed of 45 mph or more,  $L = WS$

Where: L = Taper length in feet  
 W = Width of offset in feet

S = Posted speed limit, off-peak 85th-percentile  
 speed prior to work starting, or the anticipated  
 operating speed in mph

\*\* - Use for taper and tangent sections where there are no pavement markings or where  
 there is a conflict between existing pavement markings and channelizers (CA).

TABLE 2

SPEED *	Min D **	DOWNGRADE Min D ***		
		-3%	-6%	-9%
		ft	ft	ft
mph	ft	ft	ft	ft
20	115	116	120	126
25	155	158	165	173
30	200	205	215	227
35	250	257	271	287
40	305	315	333	354
45	360	378	400	427
50	425	446	474	507
55	495	520	553	593
60	570	598	638	686
65	645	682	728	785
70	730	771	825	891
75	820	866	927	1003

\* - Speed is posted speed limit, off-peak 85th-percentile  
 speed prior to work starting, or the anticipated  
 operating speed in mph

\*\* - Longitudinal buffer space or flagger station spacing

\*\*\* - Use on sustained downgrade steeper than -3 percent  
 and longer than 1 mile.

TABLE 3

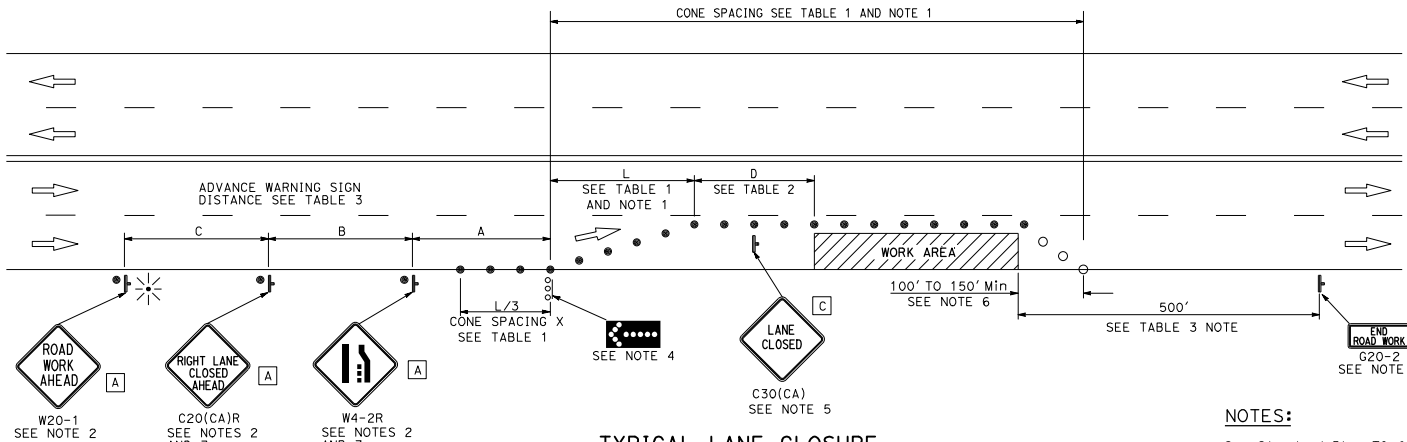
ROAD TYPE	DISTANCE BETWEEN SIGNS *		
	A	B	C
	ft	ft	ft
URBAN - 25 mph OR LESS	100	100	100
URBAN - MORE THAN 25 mph TO 40 mph	250	250	250
URBAN - MORE THAN 40 mph	350	350	350
RURAL	500	500	500
EXPRESSWAY / FREEWAY	1000	1500	2640

\* - The distances are approximate, are intended for guidance  
 purposes only, and should be applied with engineering judgment.  
 These distances should be adjusted by the Engineer for field  
 conditions, if necessary, by increasing or decreasing the  
 recommended distances.

D16+	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL NO. SHEETS

*Charles D. Suszko*  
 REGISTERED CIVIL ENGINEER  
 No. C43029  
 EXP. 3-31-24  
 CIVIL  
 STATE OF CALIFORNIA

May 1, 2023  
 PLANS APPROVAL DATE  
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



**TYPICAL LANE CLOSURE**

**NOTES:**

- See Standard Plan T9 for tables.
- Use cone spacing X for taper segment, Y for tangent segment or Z for conflict situations, as appropriate, per Table 1, unless X, Y, or Z cone spacing is shown on this sheet.
- Provide at least one person to continuously maintain traffic control devices for lane closures.

**LEGEND**

- TRAFFIC CONE
- TRAFFIC CONE (OPTIONAL TAPER)
- † TEMPORARY TRAFFIC CONTROL SIGN
- FLASHING ARROW SIGN (FAS)
- ▬ FAS SUPPORT OR TRAILER
- ☼ PORTABLE FLASHING BEACON

**SIGN PANEL SIZE (Min)**

- A 48" x 48"
- B 36" x 18"
- C 30" x 30"

**NOTES:**

- Portable delineators placed at one-half the spacing indicated for traffic cones may be used instead of cones for daytime closures only.
- Each advance warning sign shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color. Flashing beacons shall be placed at the locations indicated for lane closure during hours of darkness.
- A G20-2 "END ROAD WORK" sign shall be placed at the end of the lane closure unless the end of work area is obvious or ends within the larger project's limits.
- A minimum 1500' of sight distance shall be provided where possible for vehicles approaching the first flashing arrow sign. Lane closures shall not begin at the top of crest vertical curve or on a horizontal curve.
- Place C30(CA) "LANE CLOSED" sign at 500' to 1000' intervals throughout extended work area.
- Length may be reduced by the Engineer to address site conditions.
- Median lane closures shall conform to the details shown except that C20(CA)L and W4-2L signs shall be used.
- For approach speeds over 50 MPH, use the "Traffic Control System for Lane Closure on Freeways and Expressways" plan for lane closure details and requirements.

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL SYSTEM  
 FOR LANE CLOSURE ON  
 MULTILANE CONVENTIONAL HIGHWAYS**  
 NO SCALE

**T11**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

*Charles D. Suszko*  
 REGISTERED CIVIL ENGINEER  
 No. C43029  
 Exp. 3-31-24  
 CIVIL  
 STATE OF CALIFORNIA

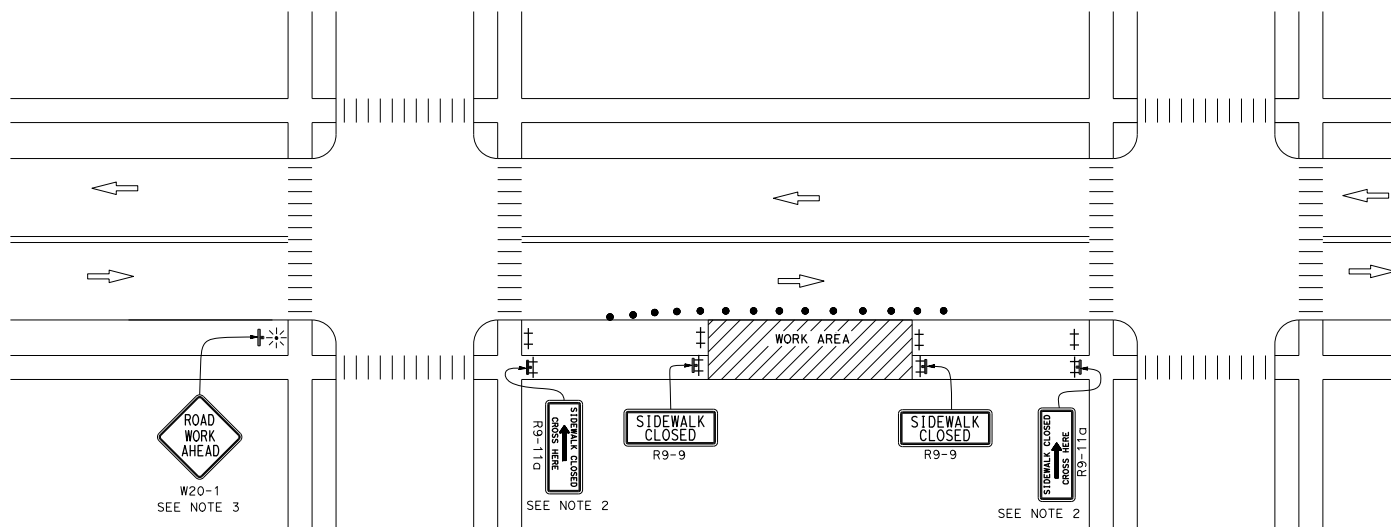
May 1, 2023  
 PLANS APPROVAL DATE  
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**NOTES:**

1. Only signs related to pedestrians are shown. For all other signs see appropriate T-sheets.
2. Barricades closing sidewalk shall cover the full width of the sidewalk. Use R9-11 sign when there are destination points between the detour and the work area. Locate the R9-11 sign to allow pedestrian access.
3. Advance warning sign is not required if the work area is within the limits of a larger work zone. Sign shall be equipped with at least two flags for daytime closure. Each flag shall be orange or fluorescent red-orange in color.

**NOTES:**

See Standard Plan T9 for tables.  
 Use cone spacing X for taper segment, Y for tangent segment or Z for conflict situations, as appropriate, per Table 1 unless X,Y, or Z cone spacing is shown on this sheet.



**LEGEND:**

- ⊥ BARRICADE
- TRAFFIC CONE
- ⚡ PORTABLE FLASHING BEACON
- ⊥ SIGN
- ⊥ TEMPORARY TRAFFIC CONTROL SIGN ON BARRICADE

**SIGN PANEL SIZE (Min)**

SIGN DESIGNATION	SIGN OR PLAQUE	SIGN SIZE
R9-9	SIDEWALK CLOSED	24" x 12"
R9-11	SIDEWALK CLOSED AHEAD CROSS HERE	24" x 18"
R9-11a	SIDEWALK CLOSED CROSS HERE	24" x 12"
W20-1	ROAD WORK AHEAD	36" x 36"

345

2023 STANDARD PLAN T30

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION  
**TEMPORARY PEDESTRIAN ACCESS ROUTES  
 TYPICAL SIDEWALK CLOSURE  
 AND PEDESTRIAN DETOUR**  
 NO SCALE

**T30**

**NOTES:**

1. Only signs related to pedestrians are shown. For all other signs see appropriate T-sheets.
2. Separate pedestrian walkway from traffic and work zone activities, when temporary walkway is adjacent to traffic.
3. The temporary pedestrian access route must not lead into conflict with vehicles or work.
4. Advance warning sign is not required if the work area is within the limits of a larger work zone. Sign shall be equipped with at least two flags for daytime closure. Each flag shall be orange or fluorescent red-orange in color.
5. All devices used to channelize pedestrian flow must connect such that gaps do not allow pedestrians to stray from the channelized path.
6. Barricades closing sidewalk shall cover the full width of the sidewalk.
7. Separate the temporary pedestrian access route from traffic using a temporary barrier and a crash cushion if necessary.
8. When it is not possible to maintain a minimum of 60 inches throughout the length of the pedestrian route, maintain a minimum width of 48 inches and provide a 60 X 60-inch passing space at least every 200 feet.
9. See Standard Plan A88A for detectable warning surface for curb ramps to apply to temporary curb ramps.
10. See Standard Plan T34 for temporary curb ramp options.

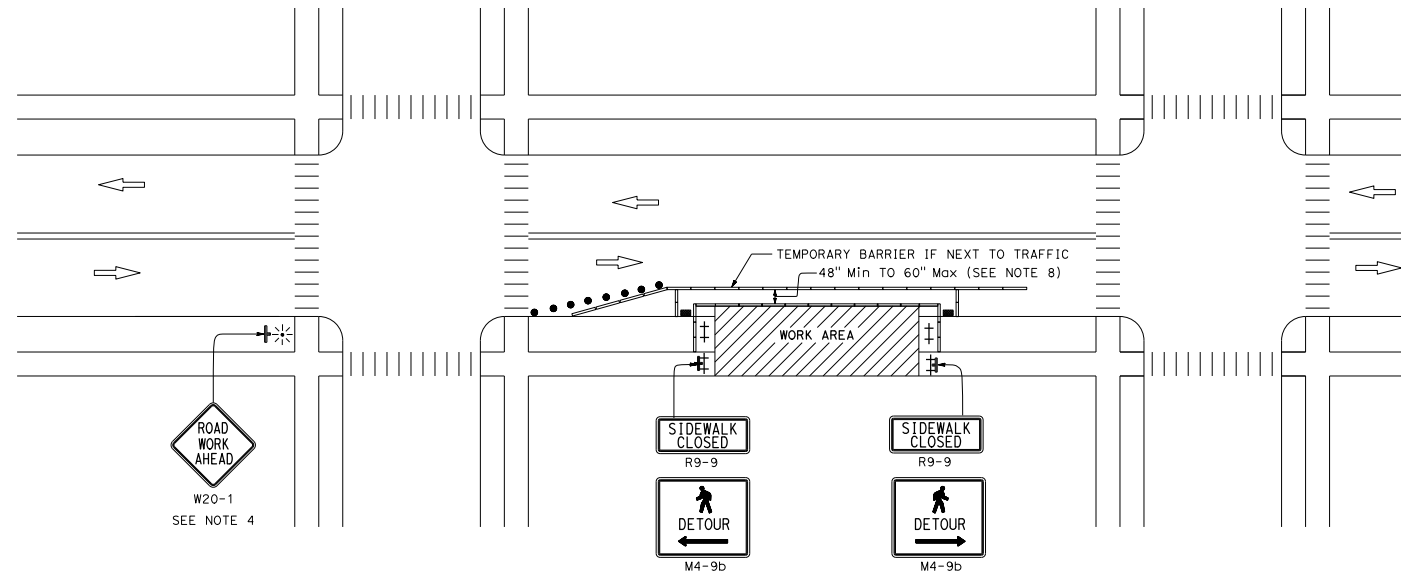
**NOTES:**

See Standard Plan T9 for tables.  
 Use cone spacing X for taper segment, Y for tangent segment or Z for conflict situations, as appropriate, per Table 1 unless X, Y, or Z cone spacing is shown on this sheet.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

*Charles D. Suszko*  
 REGISTERED CIVIL ENGINEER  
 No. C43029  
 EXP. 3-31-24  
 CIVIL  
 STATE OF CALIFORNIA

MAY 1, 2023  
 PLANS APPROVAL DATE  
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



**LEGEND:**

- ⊥ BARRICADE
- TEMPORARY CURB RAMP
- ▬ CHANNELIZING DEVICE
- TRAFFIC CONE
- ⊛ PORTABLE FLASHING BEACON
- ⊥ TEMPORARY TRAFFIC CONTROL SIGN
- ⊥ TEMPORARY TRAFFIC CONTROL SIGN ON BARRICADE

**SIGN PANEL SIZE (Min)**

SIGN DESIGNATION	SIGN OR PLAQUE	SIGN SIZE
M4-9b	PEDESTRIAN DETOUR	30" x 24"
R9-9	SIDEWALK CLOSED	24" x 12"
W20-1	ROAD WORK AHEAD	36" x 36"

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION  
**TEMPORARY PEDESTRIAN ACCESS ROUTES  
 TYPICAL SIDEWALK DIVERSION  
 WITHIN ROADBED**

NO SCALE

**T31**

**NOTES:**

1. Only signs related to pedestrians are shown. For all other signs see appropriate T-sheets.
2. Barricades closing sidewalk shall cover the full width of the sidewalk. Use R9-11 sign when there are destination points between the detour and the work area. Locate the R9-11 sign to allow pedestrian access.
3. Advance warning sign is not required if the work area is within the limits of a larger work zone. Sign shall be equipped with at least two flags for daytime closure. Each flag shall be orange or fluorescent red-orange in color.

**NOTES:**

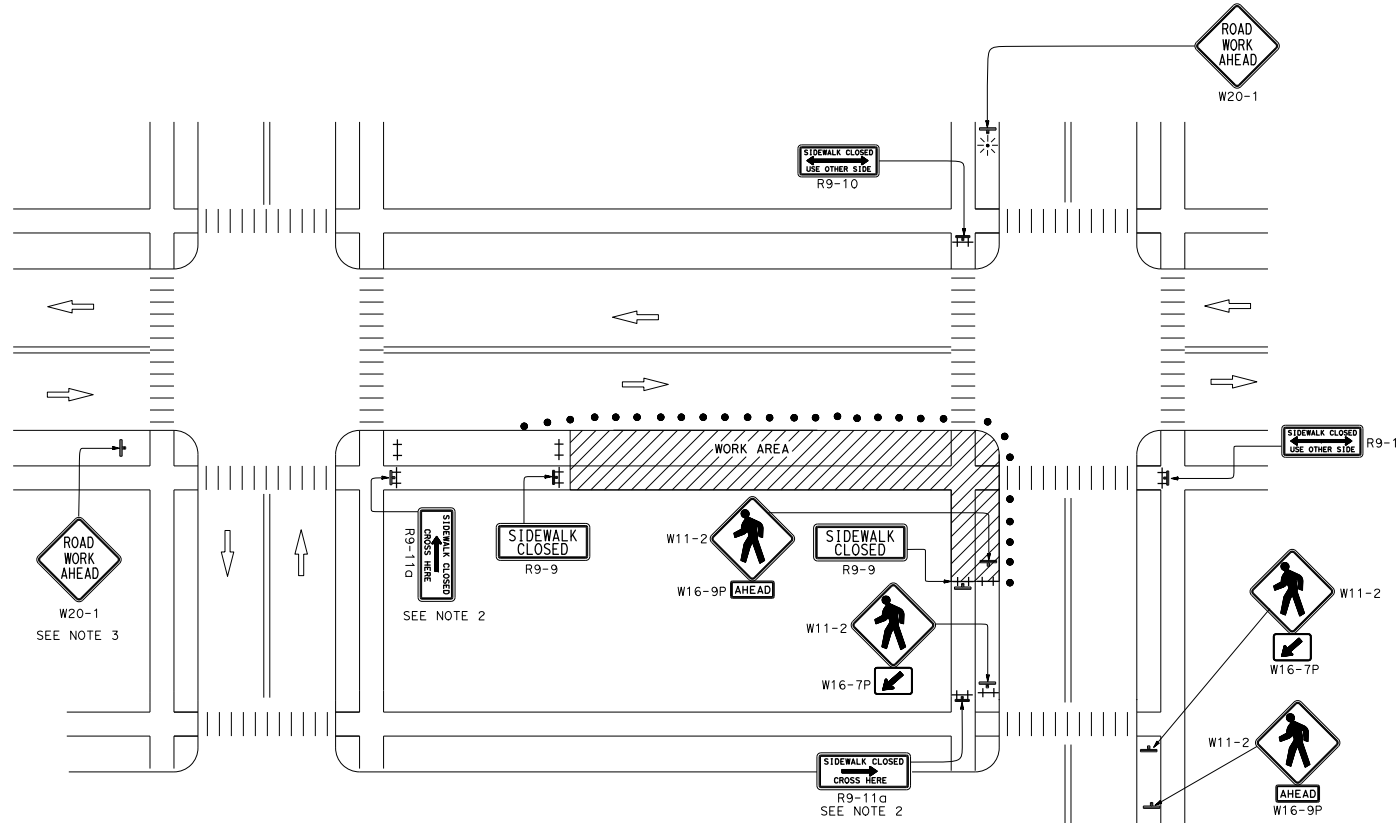
See Standard Plan T9 for tables.

Use cone spacing X for taper segment, Y for tangent segment or Z for conflict situations, as appropriate, per Table 1 unless X,Y, or Z cone spacing is shown on this sheet.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

*Charles D. Suszko*  
 REGISTERED CIVIL ENGINEER  
 No. C43029  
 Exp. 3-31-24  
 CIVIL  
 STATE OF CALIFORNIA

May 1, 2023  
 PLANS APPROVAL DATE  
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



**LEGEND:**

- † BARRICADE
- TRAFFIC CONE
- ⚡ PORTABLE FLASHING BEACON
- ⊥ TEMPORARY TRAFFIC CONTROL SIGN
- ⊥ TEMPORARY TRAFFIC CONTROL SIGN ON BARRICADE

**SIGN PANEL SIZE (Min)**

SIGN DESIGNATION	SIGN OR PLAQUE	SIGN SIZE
R9-9	SIDEWALK CLOSED	24" x 12"
R9-10	SIDEWALK CLOSED USE OTHER SIDE	24" x 12"
R9-11	SIDEWALK CLOSED AHEAD CROSS HERE	24" x 18"
R9-11a	SIDEWALK CLOSED CROSS HERE	24" x 12"
W11-2	PEDESTRIAN	36" x 36"
W16-7P	DIAGONAL DOWNWARD POINTING ARROW (PLAQUE)	24" x 12"
W16-9P	AHEAD (PLAQUE)	24" x 12"
W20-1	ROAD WORK AHEAD	36" x 36"

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION  
**TEMPORARY PEDESTRIAN ACCESS ROUTES  
 TYPICAL SIDEWALK/CROSSWALK CLOSURE  
 AND PEDESTRIAN DETOUR**

NO SCALE

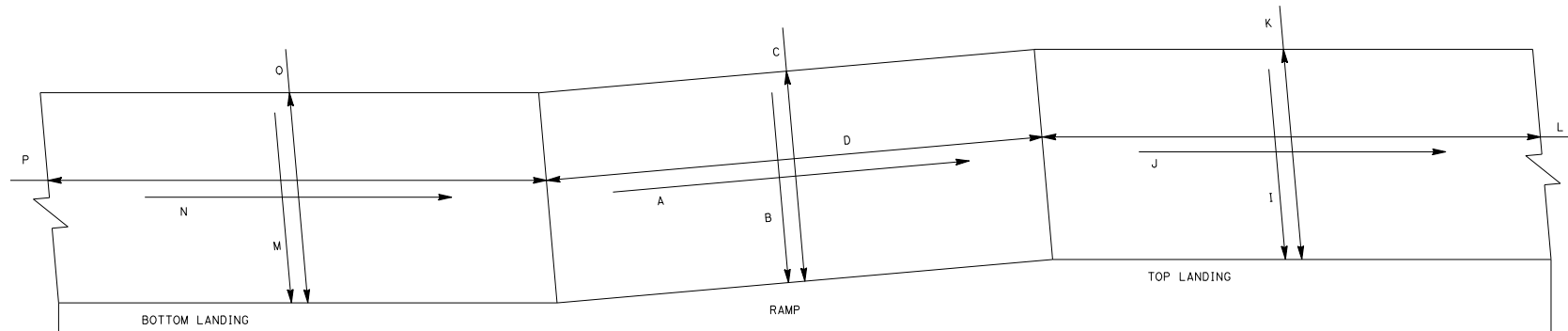
**T32**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

*Charles D. Suszko*  
 REGISTERED CIVIL ENGINEER  
 No. C43029  
 EXP. 3-31-24  
 CIVIL  
 STATE OF CALIFORNIA

May 1, 2023  
 PLANS APPROVAL DATE  
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RAMP				HAND RAIL		EDGE PROTECTION	
SLOPE	CROSS SLOPE	WIDTH	LENGTH	HEIGHT RIGHT SIDE	HEIGHT LEFT SIDE	RAIL RIGHT SIDE	RAIL LEFT SIDE
A	B	C	D	E	F	G	H
8.3% OR LESS	2.0% OR LESS	48 INCHES OR GREATER	30 FEET OR LESS	34 TO 38 INCHES	34 TO 38 INCHES	WITHIN 2 INCHES FROM GROUND	WITHIN 2 INCHES FROM GROUND
TOP LANDING				BOTTOM LANDING			
CROSS SLOPE	SLOPE	WIDTH	DEPTH	CROSS SLOPE	SLOPE	WIDTH	DEPTH
I	J	K	L	M	N	O	P
2.0% OR LESS	2.0% OR LESS	48 INCHES OR GREATER	60 INCHES OR GREATER	2.0% OR LESS	2.0% OR LESS	48 INCHES OR GREATER	60 INCHES OR GREATER



STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION  
**TEMPORARY PEDESTRIAN  
 ACCESS ROUTES  
 RAMP**  
 NO SCALE

**T33**

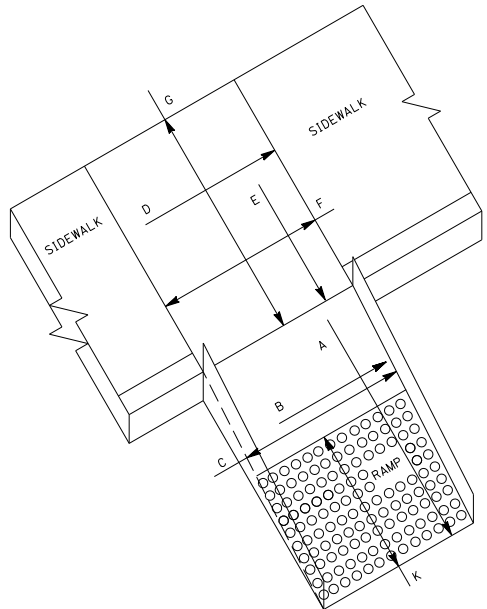
CURB RAMP			TOP LANDING				DETECTABLE WARNING SURFACE
SLOPE	CROSS SLOPE	WIDTH	CROSS SLOPE	SLOPE	WIDTH	DEPTH	DEPTH
A	B	C	D	E	F	G	K
8.3% OR LESS	2.0% OR LESS	48 INCHES OR GREATER	2.0% OR LESS	2.0% OR LESS	48 INCHES OR GREATER	60 INCHES OR GREATER	MINIMUM 36 INCHES

NOTES: If the above requirements cannot be met, on existing sites with space limitations, the following slopes are allowed:  
 For a maximum rise of 6 inches a slope between 1:12 to 1:10 is allowed.  
 For a maximum rise of 3 inches a slope between 1:10 to 1:8 is allowed.

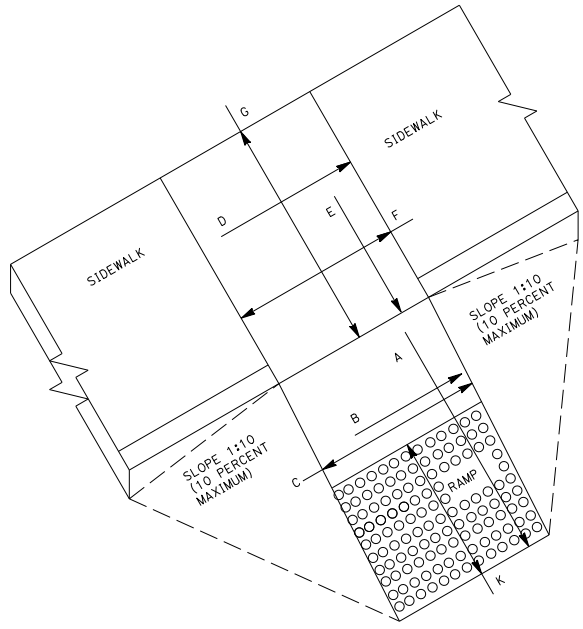
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

*Charles D. Suszko*  
 REGISTERED CIVIL ENGINEER  
 No. C43029  
 EXP. 3-31-24  
 CIVIL  
 STATE OF CALIFORNIA

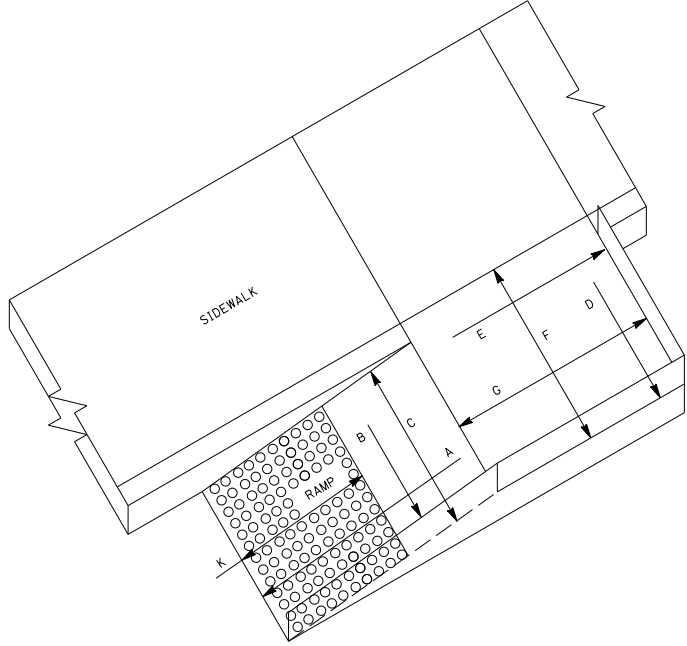
May 1, 2023  
 PLANS APPROVAL DATE  
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



OPTION A  
SHOWN WITH SIDE EDGE



OPTION B  
SHOWN WITH SIDE APRON



OPTION C  
PARALLEL RAMP  
SHOWN WITH SIDE EDGE

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION  
**TEMPORARY PEDESTRIAN  
 ACCESS ROUTES  
 CURB RAMP OPTIONS**  
 NO SCALE

**T34**

## **PEDESTRIAN SAFETY (MCP)**

In addition to the attached Encroachment Permit General Provisions (TR-0045), the following special provisions are also applicable:

1. When the work area encroaches upon a sidewalk, walkway, or crosswalk area, special consideration must be given to pedestrian safety. Protective barricades, fencing, handrails and bridges, together with warning and guidance devices and signs must be utilized so that the passageway for pedestrians, especially blind and other physically handicapped, is safe and well defined and shown on the approved permit plan.
2. Pedestrian walkways and canopies within State Right of Way shall comply with the requirements of the applicable local agency or of the latest edition of the Uniform Building Code whichever contains the higher standards.



## **ENCROACHMENT PERMIT GENERAL PROVISIONS**

TR-0045 (REV. 09/2023)

1. **AUTHORITY:** The California Department of Transportation (“Department”) has authority to issue encroachment permits under Division 1, Chapter 3, Article 1, Sections 660 through 734 of the Streets and Highways Code.
2. **REVOCACTION:** Encroachment permits are revocable on five (5) business days’ notice unless otherwise stated on the permit or otherwise provided by law, and except as provided by law for public corporations, franchise holders, and utilities. Notwithstanding the foregoing, in an emergency situation as determined by the Department, an encroachment permit may be revoked immediately. These General Provisions and any applicable Special Provisions are subject to modification or abrogation by the Department at any time. Permittees’ joint use agreements, franchise rights, reserved rights or any other agreements for operating purposes in State of California (“State”) highway right-of-way may be exceptions to this revocation.
3. **DENIAL FOR NONPAYMENT OF FEES:** Failure to pay encroachment permit fees when due may result in rejection of future applications, denial of encroachment permits, and revocation of the encroachment permit if already issued.
4. **PERMITTEE AUTHORIZATION FOR OTHERS TO PERFORM WORK:** This encroachment permit allows only the Permittee and/or Permittee’s authorized contractor or agent to work within or encroach upon the State highway right-of-way, and the Permittee may not assign or transfer this encroachment permit. Any attempt to assign or transfer this encroachment permit shall be null and void. Permittee shall provide to the Department a list of Permittee’s authorized contractors/agents, in the form and at the time specified by the Department but if no time is specified then no later than the pre-construction meeting. Permittee shall keep the list current and shall provide updates to the Department immediately upon any change to the list of authorized contractors/agents, including but not limited the addition, removal, or substitution of an authorized contractor/agent, or a new address or contact information for an existing authorized contractor/agent. Permittee is responsible for the acts and/or omissions of any person or entity acting on behalf of the Permittee, even if such person or entity is not included on Permittee’s list of authorized contractors and/or agents.
5. **ACCEPTANCE OF PROVISIONS:** Permittee, and the Permittee’s authorized contractors and/or agents, understand and agree to accept and comply with these General Provisions, the Special Provisions, any and all terms and/or conditions contained in or incorporated into the encroachment permit, and all attachments to the encroachment permit (collectively “the Permit Conditions”), for any encroachment, work, and/or activity to be performed under this encroachment permit and/or under color of authority of this encroachment permit. Permittee understands and agrees the Permit Conditions are applicable to and enforceable against Permittee as long as the encroachment remains in, under, or over any part of the State highway right-of-way. The Permittee’s authorized contractors and/or agents, are also bound by the Permit Conditions. Non-compliance with the Permit Conditions by the Permittee’s authorized contractor and/or agent will be deemed non-compliance by the Permittee.
6. **BEGINNING OF WORK:** When traffic is not impacted (see General Provision Number 35), the Permittee must notify the Department’s representative two (2) business days before starting permitted work. Permittee must notify the Department’s representative if the work is to be interrupted for a period of five (5) business days or more, unless otherwise agreed upon. All work must be performed on weekdays during regular work hours, excluding holidays, unless otherwise specified in this encroachment permit.
7. **STANDARDS OF CONSTRUCTION:** All work performed within State highway right-of-way must conform to all applicable Departmental construction standards including but not limited to: Standard Specifications, Standard Plans, Project Development Procedures Manual, Highway Design Manual and Special Provisions.

Other than as expressly provided by these General Provisions, the Special Provisions, the Standard Specifications, Standard Plans, and other applicable Departmental standards, nothing in these General Provisions is intended to give any third party any legal or equitable right, remedy, or claim with respect to the encroachment permit and/or to these General Provisions or any provision herein. These General Provisions are for the sole and exclusive benefit of the Permittee and the Department.

Where reference is made in such standards to “Contractor” and “Engineer,” these are amended to be read as “Permittee” and “Department’s representative,” respectively, for purposes of this encroachment permit.
8. **PLAN CHANGES:** Deviations from plans, specifications, and/or the Permit Conditions as defined in General Provision Number 5 are not allowed without prior approval from the Department’s representative and the Federal Highway Administration (“FHWA”) representative if applicable.
9. **RIGHT OF ENTRY, INSPECTION AND APPROVAL:** All work is subject to monitoring and inspection. The United States, the State, the Department, and the Directors, officers, employees, agents, and/or contractors of the State and/or of the Department, and other state, and federal agencies, and the FHWA, through their agents or representatives, must have full access to highway facilities/encroachment area, at any and all times for the purpose of inspection, maintenance, activities needed for

**ENCROACHMENT PERMIT GENERAL PROVISIONS**

construction/reconstruction, and operation of the State highway right-of-way.

Upon completion of work, Permittee must request a final inspection for acceptance and approval by the Department. The local public agency Permittee must not give final construction approval to its contractor until final acceptance and approval by the Department is obtained.

10. **PERMIT AT WORKSITE:** Permittee and Permittee's authorized contractors/agents must keep the permit package and current list of authorized contractors/agents, or copies thereof, at the work site at all times and must show such documents upon request to any Department representative or law enforcement officer. If the permit package or current list of authorized contractors/agents, or copies thereof, are not kept and made available at the work site at all times, then all work must be suspended.
11. **CONFLICTING ENCROACHMENTS:** Permittee must yield start of work to ongoing, prior authorized work adjacent to or within the limits of the Permittee's project site. When existing encroachments conflict with Permittee's work, the Permittee must bear all cost for rearrangements (e.g., relocation, alteration, removal, etc.).
12. **PERMITS, APPROVALS, AND CONCURRENCES FROM OTHER AGENCIES AND/OR ENTITIES:** This encroachment permit is invalidated if the Permittee has not obtained all permits, approvals, and concurrences necessary and required by law, including but not limited to those from the California Public Utilities Commission ("CPUC"), California Occupational Safety and Health Administration ("Cal-OSHA"), local and state and federal environmental agencies, the California Coastal Commission, and any other public agency and/or entity having jurisdiction. Permittee is responsible for providing notice of the encroachment to, and obtaining concurrence from, any person or entity (whether public or private) affected by the scope of work described in the encroachment permit, regardless of whether such notice or concurrence is required by law; the Department is not responsible to provide such notice or obtain such concurrence. Permittee warrants all such permits, approvals, and concurrences have been obtained before beginning work under this encroachment permit. The Department may, at the Department's discretion, require the Permittee to demonstrate that Permittee has obtained all such permits, approvals, and concurrences, and Permittee shall demonstrate this at the time and in the manner specified by the Department.
13. **PEDESTRIAN AND BICYCLIST SAFETY:** A safe continuous passageway must be maintained through the work area at existing pedestrian or bicycle facilities. At no time must pedestrians be diverted onto a portion of the street used for vehicular traffic. At locations where safe alternate passageways cannot be provided, appropriate signs and barricades must be installed at the limits of construction and in advance of the limits of construction at the nearest crosswalk or intersection to detour pedestrians to facilities across the street. Attention is directed to Section 7-1.04 "Public Safety," and to Section 12-4.04 "Temporary Pedestrian Access Routes," and to Section 16-2.02 "Temporary Pedestrian Facility," of the Department's Standard Specifications, and to California Vehicle Code section 21760, subdivision (c).
14. **PUBLIC TRAFFIC CONTROL:** The Permittee must provide traffic control protection, warning signs, lights, safety devices, etc., and take all other measures necessary for the traveling public's safety as required by law and/or the Department. While providing traffic control, the needs of all road users, including but not limited to motorists, bicyclists and pedestrians, including persons with disabilities in accordance with the Americans with Disabilities Act, must be an essential part of the work activity.
 

Lane, Bike Lane, Sidewalk, Crosswalk, and/or shoulder closures must comply with the Department's Standard Specifications and Standard Plans for Temporary Traffic Control Systems & Temporary Pedestrian Access Routes, and with the applicable Special Provisions. Where issues are not addressed in the Standard Specifications, Standard Plans, and/or Special Provisions, the California Manual on Uniform Traffic Control Devices (Part 6, Temporary Traffic Control) must be followed.
15. **MINIMUM INTERFERENCE WITH TRAFFIC:** Permittee must plan and conduct work so as to create the least possible inconvenience to the traveling public (motorized vehicles, unmotorized vehicles such as bicycles, pedestrians, person(s) with disabilities, etc.), such that traffic is not unreasonably delayed.
16. **STORAGE OF EQUIPMENT AND MATERIALS:** The storage of equipment or materials is not allowed within State highway right-of-way, unless specified within the Special Provisions of this encroachment permit. If encroachment permit Special Provisions allow for the storage of equipment or materials within the State highway right-of-way, the equipment and material storage must also comply with Section 7-1.04, Public Safety, of the Department's Standard Specifications.
17. **CARE OF DRAINAGE:** Permittee must provide alternate drainage for any work interfering with an existing drainage facility in compliance with the Department's Standard Specifications, Standard Plans, and/or as directed by the Department's representative.
18. **RESTORATION AND REPAIRS IN STATE HIGHWAY RIGHT-OF-WAY:** Permittee is responsible for restoration and repair of State highway right-of-way resulting from permitted work (Streets and Highways Code, section 670 et seq.).
19. **STATE HIGHWAY RIGHT-OF-WAY CLEAN UP:** Upon completion of work, Permittee must remove and dispose of all scraps, refuse, brush, timber, materials, etc. off the State highway right-of-way. The aesthetics of the highway must be as it was before work started or better.
20. **COST OF WORK:** Unless stated otherwise in the encroachment permit or a separate written agreement with the Department, the Permittee must bear all costs incurred for work within the State highway right-of-way and waives all claims for indemnification or contribution

**ENCROACHMENT PERMIT GENERAL PROVISIONS**

from the United States, the State, the Department, and from the Directors, officers, and employees of the State and/or the Department. Removal of Permittee's personal property and improvements shall be at no cost to the United States, the State, and the Department.

21. **ACTUAL COST BILLING:** When specified in the permit, the Department will bill the Permittee actual costs at the currently set Standard Hourly Rate for encroachment permits.
22. **AS-BUILT PLANS:** When required by the encroachment permit, or when permanent encroachments are constructed in the State highway right-of-way. Permittee must submit as-built plans with georeferenced horizontal and vertical location data within thirty (30) calendar days after completion and acceptance of work in compliance with requirements listed as follows:
  - a) Upon completion of the work provided herein, the Permittee must submit As-Built plans (electronic and/or hard copy) to the Department's representative.
  - b) The geo-referenced location data compatible with the State's datum must be submitted as an electronic file (DGN or DWG file format). The Horizontal datum and epoch, Vertical Datum and state plane coordinate system zone must be noted on the plans and in the file metadata.
  - c) When installing a new underground facility, the Permittee must submit a digital file, with metadata information about feature types, geometry types, and attributes, in exchange, Civil 3D, or ASCII coma delimited (csv) file format, along with an accuracy statement stamped and signed by a licensed land surveyor.
  - d) All changes in the work will be shown on the plans, as issued with the permit, including changes approved by Encroachment Permit Rider.
  - e) The plans are to be prominently stamped or otherwise noted "AS-BUILT" by the Permittee's representative who was responsible for overseeing the work. Any original plan that was approved with a Department stamp, or by signature of the Department's representative, must be used for producing the As-Built plans.
  - f) If construction plans include signing or striping, the dates of signing or striping removal, relocation, or installation must be shown on the As-Built plans when required as a condition of the encroachment permit. When the construction plans show signing and striping for staged construction on separate sheets, the sheet for each stage must show the removal, relocation, and installation dates of the appropriate staged striping and signing.
  - g) As-Built plans must contain the Encroachment Permit Number, County, Route, and Post Mile on each sheet.
  - h) The As-Built Plans must not include a disclaimer statement of any kind that differs from the obligations and protections provided by sections 6735 through 6735.6 and 8761 through 8761.2 of the California Business and Professions Code. Such statements constitute non-compliance with Encroachment Permit requirements and may result in the Department retaining Performance Bonds or deposits until proper plans are submitted. Failure to comply may also result in denial of future encroachment permits or a provision requiring a public agency to supply additional bonding.
23. **SURVEY MONUMENT PRESERVATION:** In compliance with section 8771 (a-f) of the California Business and Professions Code, when work in the State highway right-of-way may disturb or destroy a private or public survey monument the Permittee, under the direction of a land surveyor licensed in California, must perpetuate all at-risk monuments by filing a pre-construction corner record or record of survey with the appropriate county prior to commencing work. After work is complete, the Permittee under the direction of a land surveyor licensed in California, must replace all disturbed or destroyed monuments when applicable, and file a post-construction corner record or record of survey with the appropriate county.
24. **PERMITS FOR RECORD PURPOSES ONLY:** When work in the State highway right-of-way is within an area under a Joint Use Agreement (JUA) or a Consent to Common Use Agreement (CCUA), a fee exempt encroachment permit is issued to the Permittee for the purpose of providing a notice and record of work. The Permittee's prior rights must be preserved without the intention of creating new or different rights or obligations. "Notice and Record Purposes Only" must be stamped across the face of the encroachment permit.
25. **BONDING:** The Permittee must file bond(s), in advance, in the amount(s) set by the Department and using forms acceptable to the Department. The bonds must name the Department as obligee. Failure to maintain bond(s) in full force and effect will result in the Department stopping all work under this encroachment permit and possibly revoking other encroachment permit(s). Bonds are not required of public corporations or privately-owned utilities unless Permittee failed to comply with the provisions and/or conditions of a prior encroachment permit. The surety company is responsible for any latent defects as provided in California Code of Civil Procedure section 337.15. A local public agency Permittee also must comply with the following requirements:
  - a) In recognition that project construction work done on State property will not be directly funded and paid by State, for the purpose of protecting stop notice claimants and the interests of State relative to successful project completion, the local public agency Permittee agrees to require the construction contractor to furnish both a payment and performance bond in the local public agency's name with both bonds complying with the requirements set forth in Section 3-1.05 Contract Bonds of the Department's Standard Specifications before performing any project construction work.
  - b) The local public agency Permittee must defend, indemnify, and hold harmless the United States, the

**ENCROACHMENT PERMIT GENERAL PROVISIONS**

State and the Department, and the Directors, officers, and employees of the State and/or Department, from all project construction related claims by contractors, subcontractors, and suppliers, and from all stop notice and/or mechanic's lien claimants. The local public agency also agrees to remedy, in a timely manner and to the Department's satisfaction, any latent defects occurring as a result of the project construction work.

26. **FUTURE MOVING OF INSTALLATIONS:** Permittee understands and agrees to relocate a permitted installation upon notice by the Department. Unless under prior property right or agreement, the Permittee must comply with said notice at the Permittee's sole expense.

27. **ENVIRONMENTAL:**

a) **ARCHAEOLOGICAL/HISTORICAL:** If any archaeological or historical resources are identified or encountered in the work vicinity, the Permittee must immediately stop work, notify the Department's representative, retain a qualified archaeologist who must evaluate the site at Permittee's sole expense, and make recommendations to the Department's representative regarding the continuance of work.

b) **HAZARDOUS MATERIALS:** If any hazardous waste or materials (such as underground storage tanks, asbestos pipes, contaminated soil, etc.) are identified or encountered in the work vicinity, the Permittee must immediately stop work, notify the Department's representative, retain a qualified hazardous waste/material specialist who must evaluate the site at the Permittee's sole expense, and make recommendations to the Department's representative regarding the continuance of work.

Attention is directed to potential aerially deposited lead (ADL) presence in unpaved areas along highways. It is the Permittee's responsibility to take all appropriate measures to protect workers in conformance with California Code of Regulations Title 8, Section 1532.1, "Lead," and with Cal-OSHA Construction Safety Orders, and to ensure roadway soil management is in compliance with Department of Toxic Substances Control (DTSC) requirements.

c) **BIOLOGICAL:** If any regional, state, or federally listed biological resource is identified or encountered in the work vicinity, the Permittee must immediately stop work, notify the Department's representative, retain a qualified biologist who must evaluate the site at Permittee's sole expense, and make recommendations to the Department's representative regarding the continuance of work.

28. **PREVAILING WAGES:** Work performed by or under an encroachment permit may require Permittee's contractors and subcontractors to pay appropriate prevailing wages as set by the California Department of Industrial Relations. Inquiries or requests for interpretations relative to enforcement of prevailing wage requirements must be directed to the California Department of Industrial Relations.

29. **LIABILITY, DEFENSE, AND INDEMNITY:** The Permittee agrees to indemnify and save harmless the United States, the State, the Department, and the Directors, officers, employees, agents and/or contractors of the State and/or of the Department, including but not limited to the Director of Transportation and the Deputy Directors, from any and all claims, demands, damages, costs, liability, suits, or actions of every name, kind, and description, including but not limited to those brought for or on account of property damage, invasion of privacy, violation or deprivation of a right under a state or federal law, environmental damage or penalty, or injury to or death of any person including but not limited to members of the public, the Permittee, persons employed by the Permittee, and/or persons acting on behalf of the Permittee, arising out of or in connection with: (a) the issuance and/or use of this encroachment permit; and/or (b) the encroachment, work, and/or activity conducted pursuant to this encroachment permit, or under color of authority of this encroachment permit but not in full compliance with the Permit Conditions as defined in General Provision Number 5 ("Unauthorized Work or Activity"); and/or (c) the installation, placement, design, existence, operation, and/or maintenance of the encroachment, work, and/or activity; and/or (d) the failure by the Permittee, or by anyone acting for or on behalf of the Permittee, to perform the Permittee's obligations under any part of the Permit Conditions as defined in General Provision Number 5, in respect to maintenance or any other obligation; and/or (e) any change to the Department's property or adjacent property, including but not limited to the features or conditions of either of them, made by the Permittee or anyone acting on behalf of the Permittee; and/or (f) a defect or obstruction related to or caused by the encroachment, work, and/or activity whether conducted in compliance with the Permit Conditions as defined in General Provision Number 5 or constituting Unauthorized Work or Activity, or from any cause whatsoever. The duty of the Permittee to indemnify and save harmless includes the duties to defend as set forth in Section 2778 of the Civil Code.

It is the intent of the Department and the Permittee that except as prohibited by law, the Permittee will defend, indemnify, and hold harmless as set forth in this General Provision Number 28 regardless of the existence or degree of fault or negligence, whether active or passive, primary or secondary, on the part of: the United States, the State; the Department; the Directors, officers, employees, agents and/or contractors of the State and/or of the Department, including but not limited to the Director of Transportation and the Deputy Directors; the Permittee; persons employed by the Permittee; and/or persons acting on behalf of the Permittee.

The Permittee waives any and all rights to any type of expressed or implied indemnity from or against the United States, the State, the Department, and the Directors, officers, employees, agents, and/or contractors of the State and/or of the Department, including but not limited to the Director of Transportation and the Deputy Directors.

**ENCROACHMENT PERMIT GENERAL PROVISIONS**

The Permittee understands and agrees to comply with the obligations of Titles II and III of the Americans with Disabilities Act in the conduct of the encroachment, work, and/or activity whether conducted pursuant to this encroachment permit or constituting Unauthorized Work or Activity, and further agrees to defend, indemnify, and save harmless the United States, the State, the Department, and the Directors, officers, employees, agents, and/or contractors of the State and/or of the Department, including but not limited to the Director of Transportation and the Deputy Directors, from any and all claims, demands, damages, costs, penalties, liability, suits, or actions of every name, kind, and description arising out of or by virtue of the Americans with Disabilities Act.

The Permittee understands and agrees the Directors, officers, employees, agents, and/or contractors of the State and/or of the Department, including but not limited to the Director of Transportation and the Deputy Directors, are not personally responsible for any liability arising from or by virtue of this encroachment permit.

For the purpose of this General Provision Number 28 and all paragraphs herein, “contractors of the State and/or of the Department” includes contractors, and their subcontractors, under contract to the State and/or the Department.

This General Provision Number 28 and all paragraphs herein take effect immediately upon issuance of this encroachment permit, and apply before, during, and after the encroachment, work, and/or activity contemplated under this encroachment permit, whether such work is in compliance with the Permit Conditions as defined in General Provision Number 5 or constitutes Unauthorized Work or Activity, except as otherwise provided by California law. The Permittee’s obligations to defend, indemnify, and save harmless under this General Provision Number 28 take effect immediately upon issuance of this encroachment permit and have no expiration date, including but not limited to situations in which this encroachment permit expires or is revoked, the work or activity performed under this encroachment permit is accepted or not accepted by the Department, the encroachment, work, and/or activity is conducted in compliance with the Permit Conditions as defined in General Provision Number 5 or constitutes Unauthorized Work or Activity, and/or no work or activity is undertaken by the Permittee or by others on the Permittee’s behalf.

If the United States or an agency, department, or board of the United States is the Permittee, the first two paragraphs of this General Provision Number 28 (beginning “The Permittee agrees to indemnify...” and “It is the intent of the parties...”) are replaced by the following paragraph:

Claims for personal injury, death, or property damage allegedly caused by the negligent or wrongful act or omission of any employee of the United States acting within the scope of their official duties are subject to the Federal Tort Claims Act, as amended, 28 U.S.C. § 1346 and § 2671 et seq. (Chapter 171).

30. **NO PRECEDENT ESTABLISHED:** This encroachment permit is issued with the understanding that it does not establish a precedent.

31. **FEDERAL CIVIL RIGHTS REQUIREMENTS FOR PUBLIC ACCOMMODATION:**

a) As part of the consideration for being issued this encroachment permit, the Permittee, on behalf of Permittee and on behalf of Permittee’s personal representatives, successors in interest, and assigns, does hereby covenant and agree that:

i) No person on the grounds of race, color, or national origin may be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities.

ii) That in connection with the construction of any improvements on said lands and the furnishings of services thereon, no discrimination must be practiced in the selection and retention of first-tier subcontractors in the selection of second-tier subcontractors.

iii) That such discrimination must not be practiced against the public in their access to and use of the facilities and services provided for public accommodations (such as eating, sleeping, rest, recreation), and operation on, over, or under the space of the State highway right-of-way.

iv) That the Permittee must use the premises in compliance with all other requirements imposed pursuant to Title 15, Code of Federal Regulations, Commerce and Foreign Trade, Subtitle A. Office of the Secretary of Commerce, Part 8 (15 C.F.R. Part 8) and as said Regulations may be amended.

b) That in the event of breach of any of the above nondiscrimination covenants, the State and the Department have the right to terminate this encroachment permit and to re-enter and repossess said land and the facilities thereon and hold the same as if said permit had never been made or issued.

32. **MAINTENANCE:** The Permittee is responsible at Permittee’s sole expense for the encroachment, and the inspection, maintenance, repair, and condition thereof, and is responsible to ensure the encroachment does not negatively impact State highway safety, maintenance, operations, construction, State facilities, activities related to construction/reconstruction, or other encroachments. The Permittee’s obligations in the preceding sentence take effect immediately upon issuance of this encroachment permit and continue until the encroachment is entirely and permanently removed. Additional encroachment permits or approval documents may be required authorizing work related to inspection, repair, and/or maintenance activities. Contact the Department for information.

33. **SPECIAL EVENTS:** In accordance with subdivision (a) of Streets and Highways Code section 682.5 and 682.7, the Department is not responsible for the conduct or operation of the permitted activity, and the applicant

**ENCROACHMENT PERMIT GENERAL PROVISIONS**

agrees to defend, indemnify, and hold harmless the United States, the State, the Department, and the Directors, officers, employees, agents, and contractors of the State and/or of the Department, including but not limited to the Director of Transportation and the Deputy Directors, from any and all claims, demands, damages, costs, liability, suits, or actions of every name, kind and description arising out of any activity for which this encroachment permit is issued.

The Permittee is required, as a condition of this encroachment permit, for any event that awards prize compensation to competitors in gendered categories, for any participant level that receives prize compensation, to ensure the prize compensation for each gendered category is identical at each participant level. (Streets and Highways Code, section 682.7.)

The Permittee understands and agrees to comply with the obligations of Titles II and III of the Americans with Disabilities Act in the conduct of the event, and further agrees to defend, indemnify, and save harmless the United State, the State and the Department, and the Directors, officers, and employees of the State and/or Department, including but not limited to the Director of the Department and the Deputy Directors, from any and all claims, demands, damages, costs, liability, suits, or actions of every name, kind and description arising out of or by virtue of the Americans with Disabilities Act.

34. **PRIVATE USE OF STATE HIGHWAY RIGHT-OF-WAY:** State highway right-of-way must not be used for private purposes without compensation to the State. The gifting of public property uses and therefore public funds is prohibited under the California Constitution, Article XVI, Section 6.
35. **FIELD WORK REIMBURSEMENT:** Permittee must reimburse the Department for field work performed by or on behalf of the Department to correct or remedy issues created by the Permittee or by others acting on behalf of the Permittee, including but not limited to hazards or damaged facilities, or to clear refuse, debris, etc. not attended to by the Permittee or by others acting on behalf of the Permittee.
36. **LANE CLOSURE REQUEST SUBMITTALS AND NOTIFICATION OF CLOSURES TO THE DEPARTMENT:** Lane closure request submittals and notifications must be in accordance with Section 12-4.02, and Section 12.4-04, of the Department's Standard Specifications or as directed by the Department's representative. The Permittee must notify the Department's representative and the Traffic Management Center ("TMC") before initiating a lane closure or conducting an activity that may cause a traffic impact. In emergency situations when the corrective work or the emergency itself may affect traffic, the Department's representative and the TMC must be notified as soon as possible.
37. **SUSPENSION OF TRAFFIC CONTROL OPERATION:** The Permittee, upon notification by the Department's representative, must immediately suspend all traffic lane, bike lane, sidewalk, crosswalk, and/or shoulder closure

operations and any operation that impedes the flow of traffic. All costs associated with this suspension must be borne by the Permittee.

38. **UNDERGROUND SERVICE ALERT (USA) NOTIFICATION:** Any excavation requires compliance with the provisions of Government Code section 4216 et seq., including but not limited to notice to a regional notification center, such as Underground Service Alert (USA). The Permittee must provide notification to the Department representative at least five (5) business days before, and the regional notification center at least forty-eight (48) hours before, performing any excavation work within the State highway right-of-way.
39. **COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA):** All work within the State highway right-of-way to construct and/or maintain any public facility must be designed, maintained, and constructed strictly in accordance with all applicable Federal Access laws and regulations (including but not limited to Section 504 of the Rehabilitation Act of 1973, codified at 29 U.S.C. § 794), California Access laws and regulations relating to ADA, along with its implementing regulations, Title 28 of the Code of Federal Regulations Parts 35 and 36 (28 C.F.R., Ch. I, Part 35, § 35.101 et seq., and Part 36, § 36.101 et seq.), Title 36 of the Code of Federal Regulations Part 1191 (36 C.F.R., Ch. XI, Part 1191, § 1119.1 et seq.), Title 49 of the Code of Federal Regulations Part 37 (49 C.F.R., Ch. A, Part 37, § 37.1 et seq.), the United States Department of Justice Title II and Title III for the ADA, and California Government Code section 4450 et seq., which require public facilities be made accessible to persons with disabilities.
- Notwithstanding the requirements of the previous paragraph, all construction, design, and maintenance of public facilities must also comply with the Department's Design Information Bulletin 82, "Pedestrian Accessibility Guidelines for Highway Projects" and Standard Plans & Specifications on "Temporary Pedestrian Access Routes."
40. **STORMWATER:** The Permittee is responsible for full compliance with the following:
- For all projects, the Department's Storm Water Program and the Department's National Pollutant Discharge Elimination System (NPDES) Permit requirements under Order No. 2012-0011-DWQ, NPDES No CAS000003; and
  - In addition, for projects disturbing one acre or more of soil, with the California Construction General Permit Order No. 2009-0009-DWQ, NPDES No CAS000002; and
  - In addition, for projects disturbing one acre or more of soil in the Lahontan Region with Order No. R6T-2016-0010, NPDES No CAG616002.
  - For all projects, it is the Permittee's responsibility to install, inspect, repair, and maintain all facilities and devices used for water pollution control practices (Best Management Practices/BMPs) before performing daily work activities.

## **SIDEWALKS (CS)**

In addition to the attached Encroachment Permit General Provisions (TR-0045), the following special provisions are also applicable:

1. A State issued permit is required for any landscaping or tree installation, including installation of tree wells.
2. A separate permit must be obtained from Caltrans for any driveway, handicap-ramp installations or any sidewalks that are other than Portland Cement Concrete constructed in compliance with Caltrans Standard Specifications.
3. Traffic control is authorized only between 9 a.m. and 3 p.m., Monday through Friday, holidays excluded. Any traffic control that requires lane closure shall be in compliance with the appropriate traffic control plan. Where required by the plan, the use of a flashing arrowboard is MANDATORY.
4. New curb and gutter installations shall be State Standard Type A2-6, unless necessary to conform to existing adjacent curb and gutter installations.
5. The minimum width of a sidewalk should be 8 feet between a curb and a building when in urban and rural main street place types. For all other locations the minimum width of sidewalk should be 6 feet when contiguous to a curb or 5 feet when separated by a planting strip.
6. Alignment and grade of gutter and sidewalk shall match the existing.
7. Existing concrete curb and paved shoulder shall be saw cut to a neat line prior to excavating and forming. Existing concrete sidewalk shall be saw cut at the scoreline. Paved shoulder shall be replaced with asphalt concrete paving material equal "in kind" and thickness to existing shoulder and shall conform to lip of new curb and gutter.
8. Permittee shall be responsible for the relocation or adjustment of any utility required as the result of work authorized by this permit, and utility relocation shall be completed prior to the installation of any new curb, gutter or sidewalk.
9. A monolithic pour of sidewalk and curb and gutter shall not be permitted.

**ENCROACHMENT PERMIT SPECIAL PROVISIONS****STORMWATER SPECIAL PROVISIONS FOR MINIMAL OR NO IMPACT (SWSP)**

TR-0400 (Rev 05/2018)

1. **GENERAL:** The purpose of these Special Provisions is to provide the Permittee with specifications for water pollution control to minimize, prevent, or control the discharge of material into the air, surface waters, groundwater, and storm sewers owned by the State or local agencies. These provisions are not intended to take the place of the Caltrans Water Pollution Control Program (WPCP) for projects where soil disturbance from work activities less than one acre, or work activities of one acre or more subject to the preparation of the Caltrans Storm Water Pollution Prevention Plan (SWPPP). The Permittee must comply with the following Special Provisions and the direction of the State Representative. All Stormwater Best Management Practices (BMPs) must conform to Section 13 Water Pollution Control of Caltrans' Standard Specifications.
2. **NPDES REQUIREMENTS:** The Permittee must be responsible for full compliance with the Caltrans Storm Water Program and the Caltrans National Pollutant Discharge Elimination System (NPDES) Permit requirements (*Order No. 2012-0011-DWQ, NPDES No CAS000003*) and for and projects disturbing one acre or more of soil, full compliance with the California Construction General Permit (*Order No. 2009-0009-DWQ, NPDES No CAS000002*) or for projects for projects that have one acre or more of soil disturbance in the Lahontan Region (*Order No. R6T-2016-0010, NPDES No CAG616002*). It is the Permittee's responsibility to install, inspect, and repair or maintain facilities and devices used for water pollution control practices (BMPs) before performing daily work activities. Installation, inspection and maintenance responsibilities on the job site include: 1) soil stabilization materials in work areas that are inactive or prior to storm events, 2) water pollution control devices to control sediment and erosion, 3) implementation of spill and leak prevention procedures for chemical and hazardous substances stored on the job site, 4) material storage, 5) stockpile management, 6) waste management, 7) non-stormwater management, 8) water conservation, 9) tracking controls and 10) illicit connection, illegal discharge detection and reporting. The Permittee must report to the State representative when discharges enter into receiving waters, adjacent property, drainage systems or when discharges could be a cause or a threat for water pollution. The Permittee must also control illicit discharges or illegal dumping prior to start of daily work schedule. Copies of written notices or orders from the Regional Water Quality Control Board or other regulatory agency must be provided to the State representative within 48 hours of reported activity. For additional information on stormwater compliance, visit the State Water Resources Control Boards storm water Website at:  
  
[http://www.waterboards.ca.gov/water\\_issues/programs/stormwater](http://www.waterboards.ca.gov/water_issues/programs/stormwater)
3. **RESPONSIBILITY FOR DEBRIS REMOVAL:** The Permittee must be responsible for preventing sediment, trash, debris, and other construction waste from entering the street, the storm drains, local creeks, or any other bodies of water.
4. **SPOILS AND RESIDUE:** The Permittee must vacuum any saw-cut concrete waste material, debris, residue, etc. No spoils, debris, residue, etc. must be washed into a drainage system.
5. **SWEEPING:** Sweep paved roads at construction entrance and exit locations and surrounding paved areas daily within the job site during: 1) clearing and grubbing, 2) earthwork, 3) trenching, 4) soil disturbance, 5) pavement grinding and/or cutting, and 6) after observing tracking of material onto or off the State property. Keep dust to a minimum during sweeping activities. Use vacuum whenever dust generation is excessive or sediment pickup is ineffective. Roadways or work areas must not be washed down with water. Street sweeping operations must conform to Section 13 Water Pollution Control of Caltrans' Standard Specifications.
6. **VEHICLES AND EQUIPMENT:** Permittee must prevent all vehicles, equipment, etc. from leakage or mud tracking onto roadways. If leaks cannot be repaired immediately, remove the vehicle or equipment from the job site.
7. **MAINTENANCE AND FUELING OF VEHICLES AND EQUIPMENT:** Maintenance and fueling of equipment must not result in any pollution at the job site. The Permittee must immediately clean up spills/leaks, and properly dispose of contaminated soil and materials.
8. **CLEANING VEHICLES AND EQUIPMENT:** Limit vehicle and equipment cleaning or washing at the job site except what is necessary to control vehicle tracking or hazardous waste. The Permittee must clean all equipment within a bermed area or over a drip pan large enough to prevent run-off. No soaps, solvents, degreasers, etc. must be used in State right-of-way. Any water from this operation must be collected and disposed of at an appropriate site. Containment berms or dikes must be used for fueling, washing, maintaining and washing vehicles or equipment in outside areas. Containment must be performed at least 100 feet from concentrated flows of



**ENCROACHMENT PERMIT SPECIAL PROVISIONS**

storm water, drainage courses, and storm drain inlets if within a flood plain, otherwise at least 50 feet if outside the floodplain. Keep adequate quantities of absorbent spill- cleanup material and spill kits in the fueling or maintenance area and on fueling trucks.

9. **DIESEL FUELS:** The use of diesel fuel from petroleum or other fossil fuel as a form-oil or solvent is not allowed.
10. **WEATHER CONDITIONS AT WORKSITE:** Any activity that would generate fine particles or dust that could be transported off site by stormwater must be performed during dry weather.
11. **WIND EROSION PROTECTION:** The use of Wind Erosion BMPs must be deployed year-round in instances where dust or fine particles could be transported off site.
12. **HOT MIX ASPHALT:** Runoff from washing hot mix asphalt must not enter into any drainage conveyances.
13. **PROTECTION OF DRAINAGE FACILITIES:** The Permittee must protect/cover gutters, ditches, drainage courses, and inlets with gravel bags, fiber rolls, State approved fabric filters, etc., to the satisfaction of the State representative during grading, paving, saw-cutting, etc. and materials must conform to Section 13-4.02 Materials for Water Pollution Control of Caltrans' Standard Specifications. No such protection measures must cause an obstruction to the traveling public. The Permittee must implement spill and leak prevention procedures for chemicals and hazardous substances stored on the job site (including secondary containment requirements) in accordance with section 13-4.03B Spill Prevention and Control, and 14-11 Hazardous Waste and Contamination, Water Pollution Control of Caltrans' Standard Specifications.
14. **PAINT:** Rinsing of painting equipment and materials is not permitted in State right-of-way. When thoroughly dry, dispose of the following as solid waste: dry latex paint, paint cans, used brushes, rags, gloves, absorbent materials, and drop cloths. Oil based paint sludge and unusable thinner must be disposed of at an approved hazardous waste site.
15. **CONSTRUCTION MATERIALS:** Stockpile of all construction materials, including, but not limited to; pressure treated wood, asphalt concrete, cold mix asphalt concrete, concrete, grout, cement containing premixes, and mortar, must conform to section 13-4.03C (2) Material Storage & 13-4.03C (3) Stockpile Management of Caltrans' Standard Specifications.
16. **CONCRETE EQUIPMENT:** Concrete equipment must be washed in a designated washing area in a way that does not contaminate soil, receiving waters, or storm drain systems.
17. **EXISTING VEGETATION:** Established existing vegetation is the best form of erosion control. Minimize

disturbance to existing vegetation. Damaged or removed vegetation must be replaced as directed by the State Representative.

18. **SOIL DISTURBANCE:** Soil disturbing activities must be avoided during the wet weather season. If construction activities during wet weather are allowed in your permit, all necessary erosion control and soil stabilization measures must be implemented in advance of soil disturbing activity.
19. **SLOPE STABILIZATION AND SEDIMENT CONTROL:** Consider a certified expert in Erosion and Sediment control in cases where slopes are disturbed during construction. The Permittee is directed to comply with Section 13.5 Temporary Soil Stabilization and Section 21 Erosion Control of Caltrans' Standard Specifications during application of temporary soil stabilization measures to the soil surface. Fiber rolls or silt fences may be required down slope until permanent soil stabilization is established. Remove the accumulated sediment whenever the sediment accumulates to 1/3 of the linear sediment barrier height. The Permittee must limit the use of plastic materials when more sustainable, environmentally friendly alternatives exist or when environmental regulations prohibit their use within the project.
20. **STOCKPILES:** Stockpiles containing aggregate and/or soil must be stored at least 100 feet from concentrated flows of storm water, drainage courses, and storm drain inlets if within a flood plain, otherwise at least 50 feet if outside the floodplain, and must be covered and protected with a temporary perimeter sediment barrier. Cold mix stockpiles must be stored on an impermeable surface and covered with 9 mil plastic to prevent contact with water. Minimize stockpiling of materials on the job site. Manage stockpiles by implementing the water pollution control practices in Section 13-4.03C (3) Stockpile Management of the State of California standard specifications for construction.
21. **DISCOVERY OF CONTAMINATION:** The State Representative must be notified in case any unusual discoloration, odor, or texture of ground water, is found in excavated material or if abandoned, underground tanks, pipes, or buried debris are encountered.
22. **SANITARY AND SEPTIC WASTE:** Do not bury or discharge wastewater from a sanitary or septic system within the highway. Properly connected sewer facilities are free from leaks. With State Representative approval place portable sanitary facility at least 50 feet away from storm drains, receiving waters, and flow lines. Permittee must comply with local health agency provisions when using an on-site disposal system.
23. **LIQUID WASTE:** Prevent job site liquid waste from entering storm drain systems and receiving waters. Drilling slurries, grease or oil-free waste water or rinse water, dredging, wash water or rinse water running off a surface or other non-storm water liquids not covered

**ENCROACHMENT PERMIT SPECIAL PROVISIONS**

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under separate waste water permits must be held in structurally sound, leak-proof containers, such as portable bins or portable tanks. Store containers at least 50 feet away from moving vehicles and equipment. Liquid waste may require testing to determine hazardous material content prior to disposal. All measures must conform to section 13-4.03D (5) Liquid Waste, Water Pollution Control of Caltrans' Standard Specifications.

**24. WATER CONTROL AND CONSERVATION:**

Manage water use in a way that will prevent erosion and the discharge of pollutants into storm drain systems and receiving waters. Direct runoff, including water from water line repair from the job site to areas where it can infiltrate into the ground. Direct water from off-site sources around the job site or from contact with jobsite runoff.

**25. PILE DRIVING:** Keep spill kits and cleanup materials at pile driving locations. Park pile driving equipment over drip pans, absorbent pads, or plastic sheeting with absorbent material, and away from stormwater run-on when not in use.**26. DEWATERING:** Dewatering consists of discharging accumulated storm water, groundwater, or surface water from excavations or temporary containment facilities. All dewatering operations must comply with the latest Caltrans guidelines including the Field Guide for Construction Site Dewatering. Contact State representative for approval of dewatering discharge by infiltration or evaporation, otherwise, any effluent discharged into a permitted storm water system requires approval from the Regional Water Quality Control Board. Prior to the start of dewatering, the Permittee must provide the State Representative with a dewatering and discharge work plan that complies with section 13-4.03G Dewatering, Water Pollution Control of Caltrans' Standard Specifications. A copy of the Waste Discharge Permit and a copy of a valid WDID number issued by the Regional Board must be provided to the State representative.

**HAZARDOUS MATERIALS AND HAZARDOUS WASTE MANAGEMENT SPECIAL PROVISIONS**TR-0408 (New 09/2017)

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By acceptance of this encroachment permit, Permittee hereby agrees that:

1. All construction debris/materials/water/excess soil must become the property of the Permittee, and must be transported and disposed of, outside of Caltrans' right-of-way, in accordance with all applicable environmental laws and regulations. The Permittee must be identified as the generator for all construction debris/materials/water/excess soil and must be responsible for proper identification (including sampling and analysis) and management of all construction and contaminated debris/materials/water/excess soil that are removed, and/or excavated, from the work site. If hazardous waste is generated, the Permittee must obtain an Environmental Protection Agency (EPA) Identification Number issued in their name. State Permit Inspector does not sign any manifests or shipping papers. The Permittee must be named as the generator on all Uniform Hazardous Waste Manifests and shipping papers. Caltrans must not be identified or written anywhere on the manifests or shipping papers. Prior to waste disposal, the Permittee should submit the waste generator form(s) to State Permit Inspector for verification. The Permittee must submit to the State Permit Inspector, a copy of all manifests and/or shipping papers generated for materials removed, transported and/or excavated from the state right-of-way.
2. If contaminated material is encountered, Permittee is to stop work and contact the State Permit Inspector immediately. The Permittee must submit a Sampling and Analysis Plan (SAP), and a Health and Safety Plan (HaSP) prepared by a Certified Industrial Hygienist (CIH) and in conformance with California Code of Regulations title 8, section 5192, "Hazardous Waste Operations and Emergency Response" for sampling activity through a separate permit application. Upon the permit review, additional environmental documents may be required prior to resumption of construction activity.
3. Permittee is responsible for any violation, penalty, enforcement action, corrective action, remedial action, and any other type of consequences resulting from cross contamination of groundwater (including perched groundwater), improper handling/managing of hazardous materials and/or placement of contaminated materials inside Caltrans right-of-way.
4. It is the Permittee's responsibility to comply with the Department of Toxic Substances Control (DTSC) ADL requirements for roadway soil management. Reuse of soils containing greater than 80 mg/kg total lead is not allowed without written approval of the DTSC and Caltrans. The Soil Management Agreement for Aerially Deposited Lead-Contaminated Soils between Caltrans and the DTSC does not constitute written approval for the Permittee to reuse soils containing greater than 80 mg/kg total lead.
5. The Permittee must implement the emergency notification requirements established in the California Office of Emergency Management Hazardous Materials, Spill / Release Notification Guidance (<http://www.caloes.ca.gov/>).
6. Any imported material used for backfill must be free of contamination, and a certificate of the material as "clean" with the source area of the material must be provided to Permit Inspector upon request. Importing soils containing greater than 80 mg/kg total lead for use in state right-of-way is not allowed.
7. Stockpiles of material containing aerially deposited lead shall not be placed where affected by surface run-on or run-off. Stockpiles shall be covered with plastic sheeting 13 mils minimum thickness or with one foot of nonhazardous material. Stockpiles shall not be placed in environmentally sensitive areas. Stockpiled material shall not enter storm drains, inlets, or waters of the State.



# D4 Encroachment Permit Work Scheduling Request Form

Submit your request to schedule traffic control weekly, 7 days in advance, using this form. Submit your request to State Representative (Inspector) listed on page 1 or 2 of your permit. If your inspector is not available, contact Permit Duty Station at (510) 286-4401. Check special provisions for authorized work hours. Any deviation from the permit must be in writing and requires additional review and approval.

**INSTRUCTIONS AND ABBREVIATIONS:** See the procedures on page 2 of this form.

1. Permit No.: \_\_\_\_\_ 2. Expiration Date: \_\_\_\_\_ 3. Request Date: \_\_\_\_\_
4. Caltrans Inspector: \_\_\_\_\_ 5. Requested Work Week: \_\_\_\_\_ to \_\_\_\_\_
6. Route: \_\_\_\_\_ 7. County: \_\_\_\_\_ 8. City or Township: \_\_\_\_\_
9.  PostMiles: From: \_\_\_\_\_ To: \_\_\_\_\_ 10. Existing Lanes (in each Dir): Dir \_\_\_\_\_ Lns \_\_\_\_\_ / Dir \_\_\_\_\_ Lns \_\_\_\_\_
11. Describe Location (use landmark if necessary): From: \_\_\_\_\_ To: \_\_\_\_\_
12. Name of Conventional Highway or Surface St: \_\_\_\_\_
13. Fill in or 'x' if applicable (a through k): (a)  Divided Hwy or  Undivided Hwy (b)  Full-Closure  1 dir or  both dir  
 (c)  One-Way Traffic Control: Only on "Undivided" Hwy (Alternate use of same lane for both directions--hold traffic 5-10 min w/flaggers)  
 (d)  Connector Ramp: (State Highway #) \_\_\_\_\_ to (State Highway #) \_\_\_\_\_ Closed  or Lane # \_\_\_\_\_  
 (e)  Off-ramp: (Freeway to City St.) Ramp Name: \_\_\_\_\_ Off-ramp Closed  or Lane#: \_\_\_\_\_  
 (f)  On-ramp: (City St. to Freeway) Ramp Name: \_\_\_\_\_ On-ramp Closed  or Lane#: \_\_\_\_\_  
 (g)  Divert Traffic or Contra Flow: Reconfigure Lns/divert traffic to Lane# \_\_\_ in the \_\_\_ Direction; \_\_\_ Lns open each dir  
 (h)  Intermittent Traffic Control (i)  Various Locations (j)  Long-Term (24+ hours continuous) ETO

(k) Year:		Time		Dir		* * * * * Restricted Lanes * * * * *														Brks		Closure ID#					
From DATE	To DATE	DAY(S) SU-M-T-W-TH-F-SA	24-HR CLOCK		NB	SB	Full Closure See Detour	SHLDR		1	2	3	4	5	6	V	L	Aux or Coll	CD or Med	TURN PCKT(S)		Park Strip	5 to 15 min	Rolling	Caltrans will complete & return		
			Start (10-97)	Finish (10-98)				EB	WB											L	R					L	R

14. Description of work/comments: \_\_\_\_\_

15. Detour (Required for full closure): \_\_\_\_\_

16. Contingency Plan: \_\_\_\_\_

17. On-site during work (circle if applicable): CHP / PD / Other: \_\_\_\_\_

18. Name:	Permittee or Permittees Representative/Contractor:	
	Address including zip code:	
On-site Personnel Contact Name of person in responsible charge & phone number(s).	Name:	
	Email:	
	Office:	FAX:
	Cell:	Emergency phone number 24/7:

19. **"REAL-TIME" STATUS INSTRUCTIONS – PLEASE MAKE YOUR FIELD PERSONNEL AWARE & RESPONSIBLE!**  
 Permittee must **STATUS** lane closures **DAILY** via Caltrans District 4's 24-Hour Communication Center at (510) 286-6359. Status using Closure ID Number when work begins, to **1097** (1st cone down), and again to **1098** (last cone picked up); OR, **1022** to cancel. Any **delay** in picking up your closure must be reported immediately.



## D4 Encroachment Permit Work Scheduling Procedures

1. **INSTRUCTIONS:** Fill in blanks or check appropriate boxes. Attach maps or diagrams, if available. Enter **beginning day** through **ending day of work week** (M-T-W-TH-F-SA-SU). **Date: Month/Day**—Enter month (01-12) and day (01-31) of requested week. **Start & Finish Time:** Use 24-hour clock format. **Read** the Permit Special Provisions for **hours & days** allowed. Separate lane closure #'s are required for each direction and facility. Use separate line for each. **Lanes** are numbered in direction of travel from left to right, excluding turn pockets; left being #1 or "fast lane." Check boxes under **Restricted Lanes** to indicate lanes or parts of highway to be closed. **VL** may be checked with note in Comments Section stating number of lanes to remain open at all times.
2. **ABBREVIATIONS:** **Aux**=auxiliary, **CD**=Center Divide; **Coll**=Collector; **Contra Flow**=Close 1 direction of traffic and divert to lane(s) in opposite direction or a turn lane. **DAY(S)**=(M-T-W-TH-F-SA-SU); **Dir**=Direction (**NB**=Northbound, **SB**=Southbound, **WB**=Westbound, **EB**=Eastbound); **ETO**=Emergency Traffic Operations; **F/L**=fog line; **Hwy**=Highway; **Lns**=Lanes; **L**=Left; **Med**=Median; **Park Strip**=Parking area parallel to lane; **PCKT**=Pocket; **Rolling**=traffic breaks for closure such as sweeping; **R**=Right; **SHLDR**=Shoulder; **VL**=Various Lanes
3. Requests for scheduling must be submitted on this form to the Inspector listed on page 1 or 2 of your permit. If your inspector is not available, contact Permit Duty Station at (510) 286-4401.
4. All permitted work (**with or without traffic control**) is subject to advance scheduling on this form, seven (7) days in advance of the work week requested. Submittals and approvals must continue on a weekly basis.
5. If work begins weekly on Sunday, the work week must be Sunday through Saturday. If work week begins on Monday, the work week must be Monday through Sunday.
6. Incomplete, illegible, or inaccurate requests may be returned for correction. Assistance for completing the request may be obtained from the designated State Representative.
7. Every attempt will be made to return timely requests with closure ID or work authorization numbers, to the Permittee by close of business on Thursday, prior to the scheduled work week. When deemed necessary to ensure public convenience, Caltrans may deny and/or reschedule the request.
8. All requests must include a contingency plan for restoring public traffic (i.e. reopening of a closed lane, ramp and/or shoulder) in the event of (1) CHP or the local authority requires opening due to an unforeseeable incident in the nearby vicinity, or (2) permitted experiences an equipment breakdown, shortage of or lack of production materials or any other failure which would otherwise delay restoring public convenience within the time limits specified in the permit. The contingency plan must include availability of any proposed standby equipment and stockpiled materials that can be utilized for the immediate opening of closures when ordered by the State representative. Acceptance of the contingency plan by the Engineer must not relieve the Contractor from the requirement of opening the restricted travel way to accommodate public traffic as specified in the lane closure hour's section of the permit provisions.
9. Caltrans will review and process the request by entering all information into the Statewide Lane Closure System (LCS). This process generates a work authorization number\*. This number will be entered on the request form and returned to Permittee as approval to proceed AND will be used to "**Real-Time Status**" on a daily basis. Permittee must communicate with Caltrans 24-hour District 4 Communication Center (DCC) via telephone at **(510) 286-6359** twice daily when working, or once daily if cancelled.
  - a. When work begins (1st cone down), Permittee must contact Caltrans DCC and relay: "**(Closure ID #\*) is 1097.**"
  - b. When work ends (last cone picked up), Permittee must contact Caltrans DCC and relay: "**(Closure ID #\*) is 1098.**"
  - c. If the work is cancelled on any scheduled day, Permittee must contact Caltrans DCC and relay; "**(Closure ID #\*) is 1022.**" A "10-22" (cancellation) can be phoned any time before the scheduled "10-97" time, but no later than 1 hour prior to scheduled "10-98" time.
  - d. During the work, any unexpected occurrences including delayed openings, accidents, etc., must be communicated to Caltrans DCC immediately.Avoid possible miscommunication when calling status. Use the **PHONETIC ALPHABET** to state your Closure ID:  
**A**=Adam, **B**=Boy, **C**=Charles, **D**=David, **E**=Edward, **F**=Frank, **G**=George, **H**=Henry, **I**=Ida, **J**=John, **K**=King,  
**L**=Lincoln, **M**=Mary, **N**=Nora, **O**=Ocean, **P**=Paul, **Q**=Queen, **R**=Robert, **S**=Sam, **T**=Tom, **U**=Union, **V**=Victor, **W**=William,  
**X**=X-ray, **Y**=Yellow, **Z**=Zebra. *Example: P82CA="Paul 82 Charles Adam"*
10. The intent of these procedures is to help ensure public convenience by identifying planned closures on the State Highway system, resolving potential conflicts, and disseminating all available "**REAL-TIME**" information via the traffic media to all motorists, including but not limited to the public, CHP, local police and sheriffs' office, and emergency fire and rescue personnel.

\* "closure ID number" is the same as "work authorization number"

**NOTICE OF COMPLETION**

TR-0128 (REV. 6/01) CT #7541-5529-1

\_\_\_\_\_  
PERMIT NO.  
\_\_\_\_\_

Dear Sir or Madam:

*All work authorized by the above-numbered permit was  
completed on* \_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE OF PERMITTEE  
\_\_\_\_\_

FM 92 1546 M

**NOTICE OF COMPLETION**

TR-0128 (REV. 6/01) CT #7541-5529-1

\_\_\_\_\_  
PERMIT NO.  
\_\_\_\_\_

Dear Sir or Madam:

*All work authorized by the above-numbered permit was  
completed on* \_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE OF PERMITTEE  
\_\_\_\_\_

FM 92 1546 M

**NOTICE OF COMPLETION**

TR-0128 (REV. 6/01) CT #7541-5529-1

\_\_\_\_\_  
PERMIT NO.  
\_\_\_\_\_

Dear Sir or Madam:

*All work authorized by the above-numbered permit was  
completed on* \_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE OF PERMITTEE  
\_\_\_\_\_

FM 92 1546 M

**NOTICE OF COMPLETION**

TR-0128 (REV. 6/01) CT #7541-5529-1

\_\_\_\_\_  
PERMIT NO.  
\_\_\_\_\_

Dear Sir or Madam:

*All work authorized by the above-numbered permit was  
completed on* \_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE OF PERMITTEE  
\_\_\_\_\_

FM 92 1546 M



**REVOCABLE ENCROACHMENT PERMIT NO. 24 - \_\_\_\_\_**  
**CITY OF ORINDA - Public Works Department**  
**22 ORINDA WAY**  
**ORINDA, CA 94563**  
**Phone: (925) 766-5757 Fax: (925) 253-7699**

PERMIT TO DO WORK IN ACCORDANCE WITH CHAPTER 12.08 OF THE CITY OF ORINDA MUNICIPAL CODE AND ANY SPECIAL REQUIREMENTS SHOWN OR LISTED HEREIN.

**APPLICANT: Please type/print in block letters. Applicant must complete all double-underlined sections.**

<u>Permittee:</u>		Admin. Cost:	
<u>Contractor License #:</u>		Inspect.Hrs./Cost:	
<u>Address:</u>		Bond:	
<u>City, State, Zip:</u>		Total Due or Refund:	
<u>Phone:</u>		Receipt #:	
<u>Emergency Phone:</u>		USA Notification #:	
<u>Fax:</u>			
<u>E-Mail:</u>			

**PLEASE READ THIS PERMIT CAREFULLY. KEEP IT AT THE WORK SITE.**

**TO ARRANGE FOR INSPECTION CALL (925) 766-5757 AT LEAST 48 HOURS BEFORE YOU START WORK.**

Work is to begin on or about \_\_\_\_\_, and completed by \_\_\_\_\_. If the work is not completed by this date you must get a new permit, unless an extension has been authorized.

PROPERTY OWNER: \_\_\_\_\_  
(Name, Address, Phone)

WORK LOCATION: \_\_\_\_\_  
(Street Address)

DESCRIPTION OF WORK:  
\_\_\_\_\_

**Special Requirements : (By Department of Public Works)**

<input type="checkbox"/> Work on road with restricted working hours (I.4)	<input type="checkbox"/> Project Identification Sign (Provided by City)
<input type="checkbox"/> Monument Preservation Certification required (III.4)	<input type="checkbox"/> Signs Notifying Drivers of Upcoming Work/Expect Delays (min. 5 days prior)
<input type="checkbox"/> Traffic Control Plan required (I.2)	<input type="checkbox"/> Call when paving is completed.
<input type="checkbox"/> MOFD and PD notification required (I.12)	<input type="checkbox"/> Call when job is completed
<input type="checkbox"/> Installation/Replacement of Storm Drain Inlet Marker	<input type="checkbox"/> Moratorium Street – special trench requirements
<input type="checkbox"/> Special Requirements/Other (See Attached)	

**SEE REVERSE SIDE OF PERMIT FOR REQUIREMENTS**

The permittee agrees to save, indemnify and hold harmless the City of ORINDA or its representatives from all liabilities imposed by law by reason of injury to or death of any person or persons or damage to property which may arise out of the work covered by this permit and does agree to defend the City in any claim or action asserting such liability. Accepting this permit or starting any work hereunder, shall constitute acceptance and agreement to all of the conditions and requirements of this permit and the ordinance and specifications authorizing issuance of such permit. Acceptance of this permit acknowledges that it is REVOCABLE by the City of Orinda Public Works Director at any time for any reason relating to the public benefit, in accordance with Orinda Municipal Code Section 12.08.010(E).

Signature of Permittee  
By: \_\_\_\_\_ Date: \_\_\_\_\_ By: \_\_\_\_\_ /  
Tod Fiermer, Public Works Inspector / Date

FINAL INSPECTION  
By: \_\_\_\_\_ Date: \_\_\_\_\_ By: \_\_\_\_\_  
Scott Christie, Director of Public Works/Engineering Serv.

## I. GENERAL INSTRUCTIONS

1. **WORK MUST BE INSPECTED** - Call at least 48 hours before starting or resuming work. Work done without inspection may have to be removed/replaced.
2. **PROTECTION** - Provide and maintain enough barricades, lights, signs, flagmen and other safety measures to protect the public, in accordance with the California Manual of Uniform Traffic Control Devices (CAMUTCD) and CALTRANS Standard Plans. Permittee shall submit a traffic control plan if work has impact on the traveled way.
3. **TRAFFIC** - A City road may not be fully closed to public traffic without the approval of the City Council. While working, keep one 10' wide (minimum) traffic lane open to traffic. At all other times, two 10' wide (minimum) lanes shall be open. Follow CAMUTCD and CALTRANS standards for traffic control. Parked vehicles shall not obstruct traffic flow. Material storage is not allowed within the public right-of-way.
4. **ROADS WITH RESTRICTED WORKING HOURS** – include: Camino Pablo, Moraga Way, Bryant Way, Brookwood Road, Glorietta Blvd, Rheem Blvd, El Toyonal, Loma Vista Drive, Lombardy Lane, Miner Road, Altarinda Road, Orindawoods Drive, Santa Maria Way, and Orinda Way which is limited to Monday through Friday 9:00 a.m. to 3:30 p.m. and on weekends 8:00 a.m. to 5:30 p.m. Any road work on school collector routes such as Ivy Drive, El Camino Moraga, Martha Road, Bear Creek Road/Wagner Ranch entrance, and Washington Lane shall be performed when school is not in session. Restricted work hours are subject to change by the Public Works Director and must be made noted in the encroachment permit. For all other working hours and restrictions, refer to City of Orinda Municipal Code 15.04.180. Due to additional coordination and review process, encroachment permit applications for the above listed streets must be submitted to the City a minimum of 21 calendar days prior to the proposed start of work.
5. **PENALTIES** – Any work performed outside of the restricted working hours without prior authorization by the City will be subject to penalties of \$500 for each 10-minute interval, or fraction thereof.
6. **STANDARDS** - Work shall be in accordance with the City Ordinance, County Specifications and Std. Drawings, as adopted by the CITY.
7. **UTILITIES** - Utility relocation is the responsibility of the permittee.
8. **UNDERGROUND ALERT** - Permittee is responsible for notifying USA (Telephone 800-642-2444) a minimum of two days prior to excavating.
9. **CONSTRUCTION STAGING AREAS** - proposed locations shall be approved by the Public Works Inspector/Public Works Director. Areas outside of the public right of way must have the approval of the owner and the City Planning Department.
10. All **SIDEWALK AND/OR PAVEMENT MARKINGS** painted by Underground Service Alert (U.S.A.) or other utility company(ies) shall be removed to the satisfaction of the Public Works Inspector within ten working days after completion of construction. If the markings are not removed, Permittee hereby authorizes the City to perform this work at Permittee's expense and Permittee shall pay all costs and charges to the City upon written demand.
11. **BEST MANAGEMENT PRACTICES** – Protect storm drain inlets and watercourses prior to breaking up asphalt or concrete. Prevent concrete, steel, wood, metal parts or other work materials from entering storm drain. Transfer, load or stockpile materials away from streets, gutters, storm drain inlets, or watercourses. Store materials under cover; prevent wind-blown powders from entering streets, gutters, or storm drains. Use as little water as possible making saw cuts and contain slurry; shovel or vacuum dry slurry residue. Use dry cleaning methods wherever practical for surface cleaning. Block storm drain inlets when cleaning with water; discharge to landscaping or collect. Wash equipment in areas away from drain inlets.
12. **NOTIFICATION** - Permittee must notify the Moraga Orinda Fire District (MOFD) at [info@mofd.org](mailto:info@mofd.org) and the Orinda Police Department at [ContactPD@cityoforinda.org](mailto:ContactPD@cityoforinda.org) in writing of any work requiring traffic control.

## II. SPECIAL REQUIREMENT - DRIVEWAYS

1. Minimum driveway construction shall consist of 2" of asphalt pavement on 6" of Class 2 Aggregate Base. Entire portion of concrete driveways within the city road right of way shall consist of a min. of 6" of Class III concrete over 3" of Class 2 aggregate base. The driveway is to be sloped to prevent sheet flow from crossing the road and shall not interfere with drainage or cause erosion or deposition of silt.
2. The driveway shall not enter a roadway within 5' of existing or planned curb returns, shall not interfere with a legal encroachment or create a hazard or nuisance, and shall be spaced to make street parking available (see CC 306).
3. (A) The top elevation of driveway 5' behind curb is to be 0.60' (7¼") higher than the flow line of the gutter.  
(B) The driveway elevation at the property line shall be within one foot of the elevation of the near shoulder and shall merge with the shoulder to preserve the roadbed section.
4. If existing driveway depression is not used, it shall be completely removed (curb, gutter and sidewalk) by saw cut at next nearest expansion joint or scoremark (SEE CC 306) and replaced with concrete to conform to adjacent improvements. Form board to be used at gutter lip and the pavement restored in kind. Sidewalk and curb which is replaced shall be doweled. Existing curb and gutter, or curb, gutter and sidewalk shall be removed for full width of driveway using the same procedure.
5. (A) Shape a valley gutter across the driveway. The flow line shall match the flow line of existing roadside ditch.  
(B) Install a culvert for full width of driveway. This culvert is to be laid to the flow line grade of exist. roadside ditch. Only corrugated galvanized metal, corrugated aluminum pipe, corrugated high density polyethylene (HDPE) pipe or reinforced concrete pipe Class III may be used. The culvert diameter size shall be approved by the Public Works Inspector.
6. The driveway will require the use of a template to determine acceptable clearances. The template will be 18'6" long and will have two 6" projections from its bottom plane, one located 3' and one 5' from an end.
7. All broken or damaged curb, gutter and sidewalk to be completely removed by saw cut at nearest expansion joint or score mark and replaced to true grade and cross-section. The new curb and sidewalk shall be doweled.

## III. SPECIAL REQUIREMENTS - STREET CUTS

1. **MASTER PERMIT CONDITIONS** – All work shall be performed in conformance with the Orinda Trench Cut Permit Conditions & Moratorium Policy on New Pavement, dated September 20, 2022.
2. **FINAL PATCHING** – Arterial streets within 48 hours, collector streets within 7 calendar days, and all other streets within 14 calendar days.
3. **TRENCH EXCAVATION** - Do not start until pipe and other materials are at the site. Open up only that length of trench which can be backfilled the same day. Shoring shall comply with "Trench Construction Safety Orders" of Title 8 of the California Code of Regulations. Pavement shall be scored to neat lines and removal shall not cause damage to pavement outside the scored lines. Excess excavated material shall be removed immediately from the site.
4. **MONUMENT PRESERVATION** - Per Business Code Section 8771, a Certification is required by a licensed Land Surveyor, retained by the utility or permittee, that either the project will not disturb any existing monuments or that the project will disturb an existing monument(s) and that the monument(s) will be restored at the end of the project. An original, signed and stamped statement is required prior to the start of work.

## IV. SPECIAL REQUIREMENTS - SIDEWALK DRAINS

1. Install a 3" inside diameter non-corrosive pipe through curb or through curb and sidewalk. One panel of sidewalk curb and gutter, or where there is no sidewalk, 1' of curb only to be removed by saw cut. Pipe flow line shall match gutter flow line, and pipe shall be cut off flush with face of curb. Sidewalk concrete shall encase pipe in 3" concrete jacket. Replace curb, gutter, sidewalk and pavement to match adjacent improvements and dowel into existing concrete.

### Subscribe to email notifications

In an effort to improve city-wide communication, the City of Orinda has instituted a new email notification program. The email notification system provides updates on important community alerts, emergency notifications and City Council meeting notices. You can register online at [www.cityoforinda.org](http://www.cityoforinda.org) and click on 'subscribe to email notifications'. Once you register, you can sign up for community alerts or City Council meeting notices or both. Once you subscribe online, you will receive an email validation in your email inbox. Please follow the instructions in the email to confirm your email address was added to the new electronic notification system.