

The following is the Table of Contents for the **Small Business Minor B Package** documents:

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The Bid Package contains **16** Project Plans for this project.

California Department of Transportation

ADMINISTRATION

DIVISION OF PROCUREMENT AND CONTRACTS

1727 30th STREET, MS 65

SACRAMENTO, CA 95816-7006

PHONE (916) 227-6000

TTY 711

<https://dot.ca.gov/programs/procurement-and-contracts/>**Invitation for Price Quote (IFPQ)****Contract No. 10A2948****Quote Due Date: September 8, 2026****Prospective Contractors:**

California Department of Transportation (Caltrans/Department) has issued the enclosed Invitation for Price Quote (IFPQ) for services described in the enclosed proposed contract.

Please read the entire contract package and all attachments carefully. If you desire to submit a quote, complete the Price Quote sheet and email it to the Analyst listed in the IFPQ. Your signature affixed to and dated on the quote proposal shall constitute a certification under penalty of perjury, unless exempted, that you have complied with the nondiscrimination program requirements of Government Code Section 12990 and Title 2, California Code of Regulations, Section 11102, and the nondiscrimination program requirements of Title VI of the Civil Rights Act of 1964, 49 Code of Federal Regulations (CFR) Part 21, and 23 CFR Part 200.

Award of this contract will be to the lowest responsible contractor whose quote complies with all requirements as described in this IFPQ.

If your bid is more than \$484,000.00, it will be rejected per Public Contract Code Section 10105(b).

Contractor must be a Certified Small Business at the time of the quote date.

Invitation for Price Quote

California Department of Transportation

ADMINISTRATION

DIVISION OF PROCUREMENT AND CONTRACTS

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SACRAMENTO, CA 95816-7006

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<https://dot.ca.gov/programs/procurement-and-contracts/>**General Contractors Instructions/Checklist****Solicitation No. 10A2948**

A complete bid or bid package will consist of the items identified below.

Complete this checklist to confirm the items in your bid package. Place a check mark or "X" next to each item that you are submitting to Caltrans. All attachments identified below (unless noted otherwise) are required and must be attached in your Bid Package submittal (links to documents are not acceptable), or your bid may be considered non-responsive. It is the prospective contractor's responsibility to confirm receipt of their bid before the time the bid is due. Omission of documents or bids lost during transmission will be deemed non-responsive.

Return this checklist with your bid package.

Quotes omitting this information may be regarded as non-responsive and rejected.

Do **not** submit company advertisements, brochures, informational pamphlets, or any other document unless specifically noted in the IFPQ Requirements and/or as listed below.

- ☐ Price Quote Proposal for Unit Items (ADM-1509). Complete and sign the Price Quote Proposal for Unit Item Sheet(s).
- ☐ Subcontractor List (DES-OE-0102.2.C) can be downloaded at <https://forms.dot.ca.gov/v2Forms/servlet/FormRenderer?frmid=DOTDESOE0102.2C>. List all subcontractors, including DVBES, as applicable to the requirements of this solicitation.
- ☐ Contract Requirements (ADM-0378) must be downloaded at <https://forms.dot.ca.gov/v2Forms/servlet/FormRenderer?frmid=DOTADM0378>
- ☐ Small Business Status (DOT DES-OE-0102.4) can be downloaded at <https://forms.dot.ca.gov/v2Forms/servlet/showForm2?frmid=DOTDESOE0102.4>.
- ☐ California Company Preference (DES-OE-0102.9) can be downloaded at <https://forms.dot.ca.gov/v2Forms/servlet/FormRenderer?frmid=DOTDESOE0102.9>.
- ☐ Certified DVBE Summary (DOT ADM-4015) can be downloaded at <https://forms.dot.ca.gov/v2Forms/servlet/showForm2?frmid=DOTADM4015>.
- ☐ Contractor Certification Clauses (CCC 04/2017) can be downloaded at <https://www.dgs.ca.gov/OLS/Resources/Page-Content/Office-of-Legal-Services-Resources-List-Folder/Standard-Contract-Language>.
- ☐ California Civil Rights Laws Certification (DOT ADM-0076) must be downloaded at <https://forms.dot.ca.gov/v2Forms/servlet/FormRenderer?frmid=DOTADM0076>.
- ☐ Darfur Contracting Act Certification (DOT ADM-0077) must be downloaded at <https://forms.dot.ca.gov/v2Forms/servlet/FormRenderer?frmid=DOTADM0077>.
- ☐ DOT DES-OE-0102.14 In-Use Off-Road Diesel-Fueled Vehicle List can be downloaded at <https://forms.dot.ca.gov/v2Forms/servlet/showForm2?frmid=DOTDESOE010214>.

The following forms and information will be required at the time of contract award and signature.

- ☐ Payment Bond (ADM-2009) must be downloaded at
<https://forms.dot.ca.gov/v2Forms/servlet/FormRenderer?frmid=DOTADM2009>
- ☐ Certificate(s) of Insurance
Postconsumer-Content Certification (CalRecycle 74) can be downloaded at
<https://www.google.com/url?client=internal-element-cse&cx=017557373779849962485:erv3s56gka0&q=https://www2.calrecycle.ca.gov/Docs/Web/111480&sa=U&ved=2ahUKEwiK0-qnv6IAxWPKkQIHcH3HilQFnoEAcQAQ&usg=AOvVaw37dYPswR47anIRTKPDvXb>.
- ☐ Payee Data Record (STD 204) can be downloaded at
<https://www.documents.dgs.ca.gov/dgs/fmc/pdf/std204.pdf>. This form is designed to allow vendors to self-report information needed for accurate and complete reporting of vendor payment income. Completion of this form is required by all vendors providing goods and/or services to the State of California.

Contract Will Not Be Executed Without These Documents.

STANDARD AGREEMENT

STD 213 (Rev. 04/2020)

AGREEMENT NUMBER
10A2948

PURCHASING AUTHORITY NUMBER (If Applicable)

1. This Agreement is entered into between the Contracting Agency and the Contractor named below:

CONTRACTING AGENCY NAME

California Department of Transportation

CONTRACTOR NAME

2. The term of this Agreement is:

START DATE

TBD

THROUGH END DATE

3. The maximum amount of this Agreement is:

4. The parties agree to comply with the terms and conditions of the following exhibits, which are by this reference made a part of the Agreement.

Exhibits	Title	Pages
	PROPOSED FORM OF AGREEMENT	
	DO NOT COMPLETE	
	Continued on the following sheets, each bearing the Agreement/Contract number.	
+	The provisions on the following pages hereof constitute a part of the Agreement	
-		
+		
-		

Items shown with an asterisk (*), are hereby incorporated by reference and made part of this agreement as if attached hereto.

These documents can be viewed at <https://www.dgs.ca.gov/OLS/Resources>

IN WITNESS WHEREOF, THIS AGREEMENT HAS BEEN EXECUTED BY THE PARTIES HERETO.

CONTRACTOR

CONTRACTOR NAME (if other than an individual, state whether a corporation, partnership, etc.)

CONTRACTOR BUSINESS ADDRESS

CITY

STATE

ZIP

PRINTED NAME OF PERSON SIGNING

TITLE

CONTRACTOR AUTHORIZED SIGNATURE

DATE SIGNED



1. Contractor agrees to indemnify, defend, and save harmless the State, its officers, agents, and employees from any and all claims and losses accruing or resulting to any and all contractors, subcontractors, materialmen, laborers and any other person, firm or corporation furnishing or supplying work services, materials or supplies in connection with the performance of this contract, and from any and all claims and losses accruing or resulting to any person, firm or corporation who may be injured or damaged by Contractor in the performance of this contract.
2. Contractor, and the agents and employees of Contractor, in the performance of the Agreement, shall act in an independent capacity and not as officers or employees or agents of State of California.
3. The State may terminate this agreement and be relieved of the payment of any consideration to Contractor should Contractor fail to perform the covenants herein contained at the time and in the manner herein provided. In the event of such termination the State may proceed with the work in any manner deemed proper by the State. The cost to the State shall be deducted from any sum due Contractor under this agreement, and the balance, if any, shall be paid Contractor upon demand.
4. Without the written consent of the State, this Agreement is not assignable by Contractor either in whole or in part.
5. Time is of the essence in this Agreement.
6. No alteration or variation of the terms of this contract shall be valid unless made in writing and signed by the parties hereto, and no oral understanding or agreement not incorporated herein, shall be binding on any of the parties hereto.
7. The consideration to be paid Contractor, as provided herein, shall be in compensation for all of Contractor's expenses incurred in the performance hereof, including travel and per diem, unless otherwise expressly so provided.



STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

Notice to Bidders And Special Provisions

For Construction On State Highway In
Amador, Calaveras Counties on State Route 26, 49 at various locations .
In District 10 On Route 26, 49
Under

Standard Specifications dated 2025

Project plans approved: July 6, 2026

Standard Plans dated 2025

Identified by
Contract No. 10A2948
10-AMA,CAL-26,49-VAR
Project ID 1024000119

Small Business Minor B Solicitation

Quotes open: Tuesday, September 8, 2026
Dated: August 25, 2026

Revised 03/26/2026

SPECIAL NOTICES

California Civil Rights Laws

Any person that submits a bid or proposal to, or otherwise proposes to enter into or renew a contract with a State agency with respect to any contract in the amount of one hundred thousand dollars (\$100,000) or more shall certify, under penalty of perjury, at the time the bid or proposal is submitted or the contract is renewed, that they satisfy all of the conditions set forth in California Public Contract Code Section 2010 and they shall execute the Certification attached.

Assumption of Risk and Indemnification Regarding Exposure to Environmental Health Hazards

In addition to, and not a limitation of, Contractor's indemnification obligations contained elsewhere in this Agreement, Contractor hereby assumes all risks of the consequences of exposure of Contractor's employees, agents, Subcontractors, Subcontractors' employees, and any other person, firm, or corporation furnishing or supplying work services, materials, or supplies in connection with the performance of this Agreement, to any and all environmental health hazards, local and otherwise, in connection with the performance of this Agreement. Such hazards include, but are not limited to, bodily injury and/or death resulting in whole or in part from exposure to infectious agents and/or pathogens of any type, kind, or origin. Contractor also agrees to take all appropriate safety precautions to prevent any such exposure to Contractor's employees, agents, Subcontractors, Subcontractors' employees, and any other person, firm, or corporation furnishing or supplying work services, materials, or supplies in connection with the performance of this Agreement. Contractor also agrees to indemnify and hold harmless Caltrans, the State of California, and each and all of their officers, agents, and employees, from any and all claims and/or losses accruing or resulting from such exposure. Except as provided by law, Contractor also agrees that the provisions of this paragraph shall apply regardless of the existence or degree of negligence or fault on the part of Caltrans, the State of California, and/or any of their officers, agents, and/or employees.

Mandatory Organic Waste Recycling

It is understood and agreed that pursuant to Public Resources Code Sections 42649.8 et seq., if Contractor generates two (2) cubic yards or more of organic waste or commercial solid waste per week, Contractor shall arrange for organic waste recycling services or commercial waste recycling services that separate/source organic waste recycling. Contractor shall provide proof of compliance, i.e. organic waste recycling services or commercial waste recycling services that separate/source organic waste recycling, upon request from Caltrans Contract Manager.

ADA Compliance

All entities that provide electronic or information technology or related services that will be posted online by Caltrans must be in compliance with Government Code Sections 7405 and 11135 and the Web Content Accessibility Guidelines (WCAG) 2.0 or subsequent version, published by the Web Accessibility Initiative of the World Wide Web Consortium at a minimum Level AA success. All entities will respond to and resolve any complaints/deficiencies regarding accessibility brought to their attention.

Satisfying a Self-Insured Retention (SIR)

All insurance required by this Agreement must allow, but not require, the State to pay any SIR and/or act as Contractor's agent in satisfying any SIR. The choice to pay any SIR and/or act as Contractor's agent in satisfying any SIR is at the State's discretion. If the State chooses to pay any SIR and/or act as Contractor's agent in satisfying any SIR, Contractor shall reimburse the State for the same.

Available Coverages/Limits

In the event the insurance coverages obtained by Contractor is broader in scope than, and/or the limits are higher than, those required under the Agreement, all such broader coverage and/or higher limits available to the Contractor shall also be available and applicable to the State.

Electronic Signatures

Each party agrees that the electronic signatures, whether digital or encrypted, of the parties included in this Agreement are intended to authenticate this writing and to have the same force and effect as manual signatures for this Agreement. Documents that are referenced by this Agreement may still require manual signatures.

Executive Order N-6-22 – Russia Sanctions

On March 4, 2022, Governor Gavin Newsom issued Executive Order [N-6-22](#) (the EO) regarding Economic Sanctions against Russia and Russian entities and individuals. "Economic Sanctions" refers to sanctions imposed by the U.S. government in response to Russia's actions in Ukraine, as well as any sanctions imposed under state law. By submitting a bid or proposal, Contractor represents that it is not a target of Economic Sanctions. Should the State determine Contractor is a target of Economic Sanctions or is conducting prohibited transactions with sanctioned individuals or entities, that shall be grounds for rejection of Contractor's bid/proposal any time prior to contract execution, or, if determined after contract execution, shall be grounds for termination by the State.

Executive Order N-12-23 – Generative Artificial Intelligence (GenAI) Technology Use and Reporting

- A. The State of California seeks to realize the potential benefits of GenAI, through the development and deployment of GenAI tools, while balancing the risks of these new technologies.
- B. Bidder / Offeror must notify the State in writing if it:
 - 1) intends to provide GenAI as a deliverable to the State; or
 - 2) intends to utilize GenAI, including GenAI from third parties, to complete all or a portion of any deliverable that materially impacts:
 - a) functionality of a State system,
 - b) risk to the State, or
 - c) Contract performance.

Note: For avoidance of doubt, the term "materially impacts" shall have the meaning set forth in State Administrative Manual (SAM) § 4986.2 Definitions for GenAI.

- C. Failure to report GenAI to the State may result in disqualification. The State reserves the right to seek any and all relief to which it may be entitled to as a result of such non-disclosure.

- D. Upon notification by a Bidder / Offeror of GenAI as required, the State reserves the right to incorporate GenAI Special Provisions into the final contract or reject bids/offers that present an unacceptable level of risk to the State.
- E. Government Code 11549.64 defines “Generative Artificial Intelligence (GenAI)” as an artificial intelligence system that can generate derived synthetic content, including text, images, video, and audio that emulates the structure and characteristics of the system’s training data.

Standard Title VI/Nondiscrimination Assurances (DOT Order No. 1050.2A)

California Department of Transportation, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 USC Sections 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

Bid Bonds

Bid bonds are only required for agreements over \$484,000.00. Contractors are no longer required to purchase and submit a Bid Bond when bidding on Minor B Projects. Section 2-1.34 of the 2025 Standard Specifications is not applicable to Minor B Projects.

Waste Disposal

Prior to the commencement of waste disposal, Contractor must adhere to the provisions highlighted in Senate Bill 1383 (Lara) of 2016 Title 14, CCR, General Provisions section 18981.2, Public Resources Code sections 42652 et. Seq.

Contract No. 10A2948

**The special provisions contained herein
have been prepared by or under the
direction of the following Registered
Persons.**

HIGHWAYS



July 6, 2026

REGISTERED CIVIL ENGINEER

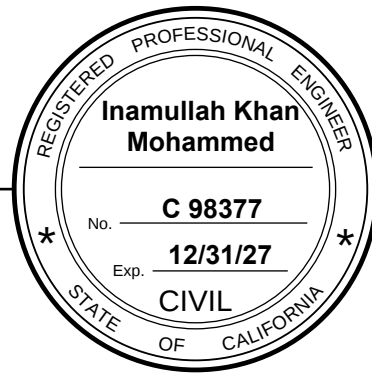


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STANDARD PLANS LIST

The standard plan sheets applicable to this Contract include those listed below. When applicable, revised standard plans (RSPs) listed below are included in the project plans.

ABBREVIATIONS, LINES, SYMBOLS, AND LEGEND

RSP A3A	Abbreviations (Sheet 1 of 3)
RSP A3B	Abbreviations (Sheet 2 of 3)
RSP A3C	Abbreviations (Sheet 3 of 3)
A10A	Legend - Lines and Symbols (Sheet 1 of 5)
A10B	Legend - Lines and Symbols (Sheet 2 of 5)
A10C	Legend - Lines and Symbols (Sheet 3 of 5)
A10D	Legend - Lines and Symbols (Sheet 4 of 5)
A10E	Legend - Lines and Symbols (Sheet 5 of 5)

TEMPORARY CRASH CUSHIONS, RAILING AND TRAFFIC SCREEN

T1A	Temporary Crash Cushion - Sand Filled (Unidirectional)
T1A1	Temporary Crash Cushion - Sand Filled (Unidirectional)
T1B	Temporary Crash Cushion - Sand Filled (Bidirectional)
T2	Temporary Crash Cushion - Sand Filled (Shoulder Installations)
RSP T3A	Temporary Railing (Type K)
T3B	Temporary Railing (Type K)
T3C	Temporary Barrier System (Cross Bolt)
T3D	Temporary Barrier System (Cross Bolt)
T3E	Temporary Barrier System (Cross Bolt)
T3F	Temporary Barrier System (Cal F-23)
T3F2	Temporary Barrier System (Cal F-23)
T3G	Temporary Barrier System (Staking or Anchoring)
T3G2	Temporary Barrier System (Staking or Anchoring)

TEMPORARY TRAFFIC CONTROL SYSTEMS

T9	Traffic Control System Tables for Lane and Ramp Closures
RSP T13	Traffic Control System with Reversible Control on Two Lane Conventional Highways
RSP T13A	Traffic Control System - Two Lane Conventional Highways
RSP T13B	Traffic Control System - Two Lane Conventional Highways

ROADSIDE SIGNS

RS1	Roadside Signs - Typical Installation Details No. 1
RS2	Roadside Signs - Wood Post - Typical Installation Details No. 2
RS4	Roadside Signs - Typical Installation Details No. 4

OVERHEAD AND ROADSIDE SIGN PANELS

S89	Roadside Sign - Formed Single Sheet Aluminum Panel
S93	Framing Details for Framed Single Sheet Aluminum Signs, Rectangular Shape
S94	Roadside Framed Single Sheet Aluminum Signs, Rectangular Shape
S95	Roadside Single Sheet Aluminum Signs, Diamond Shape

Notice to Bidders

Quotes open: September 8, 2026

Dated: August 25, 2026

General work description: Install curve warning signs

The Department of Transportation (Department) will receive quotes for Construction On State Highway 26 and 49 In Amador and Calaveras Counties at various locations.

District-County-Route-Post Mile: 10-AMA,CAL-26,49-VAR

Prime Contractor must have either a Class A license or an applicable Class C license.

Prime Contractor must be a certified Small Business under Section 2-1.05.

Department establishes no DVBE Contract goal but encourages bidders to obtain DVBE participation.

Bids must be on a unit price basis.

Complete the work within 15 working days.

The estimated cost of the project is \$115,200.00.

The Department will receive quotes until 2:15 p.m. on the quotes open date at:

Analyst's Email: tammy.p.tran@dot.ca.gov

*Put SB Contract # in the Subject Line of the Email

Quotes received after this time will not be accepted.

No pre-bid meeting is scheduled for this project.

Quote Packages, including **Invitation for Quote**, **Notice to Bidders**, **Special Provisions**, and **Project Plans** are available in electronic format only. These documents may be viewed and obtained at:

Cal eProcure website: <https://caleprocure.ca.gov/pages/index.aspx>

Standard Specifications dated 2025

Standard Plans dated 2025

Present bidders' inquiries to the District at:

District 10 Construction Duty Senior
1976 E Dr. Martin Luther King Jr. Blvd
Stockton, CA 95205-7015

Email Duty Senior: CR.Bidders.Questions@dot.ca.gov

Questions about alleged patent ambiguity of the plans, specifications, or estimate must be asked before bid opening. After bid opening, the Department does not consider these questions as bid protests.

Department will open bids under Section 2-1.43.

There will be no public opening of quotes. Quotes results will not be listed on the Internet.

Request quote results at:

Analyst's Name: Tammy Tran
Email: tammy.p.tran@dot.ca.gov
Phone: (279) 599-7880

District office addresses are provided in the **Standard Specifications**.

Prevailing wages may be required on this Contract under Section 7-1.02K(2). The Director of the California Department of Industrial Relations (DIR) determines the general prevailing wage rates. Obtain the wage rates at the DIR website, <http://www.dir.ca.gov>, or from the Department's Labor Compliance Office of the district in which the work is located at <https://dot.ca.gov/programs/construction/labor-compliance>.

Department has made available Notices of Suspension and Proposed Debarment from the Federal Highway Administration. For a copy of the notices, go to <https://ppmoe.dot.ca.gov/cc>. Additional information is provided in the Excluded Parties List System at https://www.ojp.gov/tfsc/doj_ojp_tfsc_excluded_parties_guide_508.

Standard Specifications and Standard Plans may be viewed at Department's Division of Design website at <https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications>.

Add the following to Section 2-1.10

Submit the form with your bid.

Replace section 2-1.11 with:

2-1.11 IN-USE OFF-ROAD DIESEL-FUELED VEHICLE LIST

Section 2-1.11 applies to non-informal-bid contracts.

Complete and submit the In-Use Off-Road Diesel-Fueled Vehicle List form under section 2-1.33.

On the In-Use Off-Road Diesel-Fueled Vehicle List form, list each fleet used by you or your subcontractor to perform work and is subject to 13 CCR § 2449 et seq. Submit a copy of a valid Certificate of Reported Compliance (13 CCR § 2449, subdivision (n)) for each fleet listed on the form within 10 days of bid opening. Failure to list a fleet used by you or your subcontractor to perform work on the In-Use Off-Road Diesel-Fueled Vehicle List form may result in a nonresponsive bid. Failure to submit the Certificate of Reported Compliance for a fleet listed on the In-Use Off-Road Diesel-Fueled Vehicle List form may result in a nonresponsive bid.

Replace Section 2-1.15 with:

2-1.15 Disabled Veteran Business Enterprises (DVBE)

2-1.15A General

Take necessary and reasonable steps to ensure that DVBEs have opportunity to participate in the Agreement.

Comply with Military and Veterans Code Sections 999 et seq.

Department encourages bidders to obtain DVBE participation to ensure Department achieves its State-mandated overall DVBE goal.

If you obtain DVBE participation:

1. Complete and submit the Certified DVBE Summary form under with your bid. List all DVBE participation on this form.
2. List each first tier DVBE subcontractor in the Subcontractor List form, regardless of percentage of the total bid.

If a DVBE joint venture is used, submit the joint venture agreement with the Certified DVBE Summary form.

List each first tier DVBE, subcontractor on the Subcontractor List (DES-OE-0102C) regardless of percentage of the total bid.

DVBEs must be certified by the bid opening date and remain certified through contract award.

Delete Section 2-1.18.

Delete Section 2-1.27.

Replace Section 2-1.33 with:

2-1.33 Bid Document Completion and Submittal

Complete forms in the **Bid Package**. Submit the forms with your bid.

Failure to submit the forms and information as specified may result in a nonresponsive bid.

the Contract. This bond must be equal to at least 100 percent (100%) of the total bid (Pub. Cont. Code Section 7103).

A performance bond is not required.

Replace Section 3-1.11 with:

3-1.11 Payee Data Record

Complete and sign the **Payee Data Record** form included in the contract documents.

Replace Section 3-1.18 with:

3-1.18 Contract Execution

The successful bidder must sign the **Standard Agreement** form to execute the contract.

The bidder's security may be forfeited for failure to execute the contract within the time required.

Add to Section 3:

3-1.20 Budget Disclaimer

If sufficient program funds are not allocated to complete this contract as awarded, the contract may be amended to reflect any reduction in funds or be terminated.

AA

4 Scope of Work

Delete Section 4-1.07C.

Delete Section 4-1.07D.

[illegible]

5 Control of Work

Replace section 5-1.13E with:

5-1.13E Prompt Payment

Section 5-1.13E applies to all contracts.

Pay your subcontractors within 7 days of receipt of each progress payment under Pub Cont Code §§ 10262 and 10262.5. Pay duly authorized motor carriers of property in dump trucks for transportation charges under Bus & Prof Code § 7108.6. Pay other entities, such as material suppliers, within 30 days of receipt of each progress payment.

Each month, after the 15th and prior to 20th, submit the following payment information through the Department's prompt payment monitoring system at <https://caltrans.dbesystem.com>:

1. Subcontractor's or entity's business name
2. Description of work performed
 - 2.1. Bid item numbers or change order numbers
 - 2.2. Written narrative of work performed
3. Value of work performed
4. Amount paid to subcontractor or entity
5. Withhold amount, if applicable
6. Explanation of withhold reasoning, if applicable

Your subcontractors and other entities may validate payments received using the prompt payment monitoring system.

If a subcontractor's or other entity's work is in dispute, provide a written withhold notification to the subcontractor or entity and the Engineer no later than 7 days after receipt of the corresponding progress payment that includes the following:

1. Value of the disputed work
2. Amount of the withhold being taken
3. Bid item numbers or change order numbers associated with the disputed work
4. Explanation of the deficiencies of the disputed work and how the corresponding value was calculated
5. Corrective actions to be taken for release of withheld amount

The Department may request additional documentation from you to evaluate whether you applied the withhold in good faith. Submit requested documents within 10 days of receipt of request.

The Department may withhold the same amount of your withhold from a future progress pay estimate if the Department determines any of the following has occurred:

1. Withhold was not applied in good faith
2. Requested additional withhold documentation records were not provided
3. Payment information was not submitted through the prompt payment monitoring system
4. Required withhold notification was not provided

The Department may also apply a 2 percent penalty on the withhold amount for every month payment is not made.

Add to the end of section 5-1.32:

Personal vehicles of your employees must not be parked on the traveled way or shoulders, including sections closed to traffic.

Add to Section 5-1.38:

The Engineer will only consider a request for relief of maintenance and protection responsibility if the Engineer has suspended the work under Section 8-1.06.

Replace Section 5-1.42 with:

5-1.42 Requests For Information (RFI)

Submit an RFI upon recognition of any event or question of fact arising under the Contract.

The Engineer responds to the RFI within three (3) days. Proceed with the work unless otherwise ordered. You may protest the Engineer's response by:

1. Submitting a potential claim record, using the **Supplemental Potential Claim Record** form, within three (3) days after receiving the Engineer's response
2. Complying with Section 5-1.43

Replace Section 5-1.43 with:

5-1.43 Potential Claims and Dispute Resolution

5-1.43A General

Minimize and mitigate impacts of potentially claimed work or event.

For each potential claim, assign an identification number determined by chronological sequencing and the first date of the potential claim.

Use the identification number for each potential claim on the **Supplemental Potential Claim Record** form.

Failure to comply with this procedure is a waiver of the potential claim and a waiver of the right to a corresponding claim for the disputed work in the administrative claim procedure.

5-1.43B Potential Claim Record

Submit a potential claim record, using the **Supplemental Potential Claim Record** form, within three (3) days of the Engineer's response to the RFI or within three (3) days from the date when a dispute arises due to an act or failure to act by the Engineer. The potential claim record must include the following:

1. Nature and circumstances causing the potential claim or event
2. Contract specifications supporting the basis of a claim
3. Estimated claim cost and an itemized breakdown of individual costs stating how the estimate was determined. If accurate cost figures are not available, provide an estimate, or describe the types of expenses involved.

Proceed with the potentially claimed work unless otherwise ordered. Maintain records that provide a clear distinction between costs for the disputed work and the costs of the undisputed work.

Within five (5) days of a request, provide access to the project records determined necessary by the Engineer to evaluate the potential claim.

Delete Section 5-1.47.

AA

6 Control of Materials

Replace section 6-1.03B with:

6-1.03B Submittals

6-1.03B(1) General

Not Used

6-1.03B(2) Work Plan

For local material, such as rock, gravel, earth, structure backfill, pervious backfill, imported borrow, and culvert bedding, obtained from a (1) noncommercial source, or (2) source not regulated under California jurisdiction, submit a local material plan for each material at least 60 days before placing the material.

The local material plan must include:

1. Certification signed by you and an engineer who is registered as a civil engineer in the State or a professional geologist licensed as a professional geologist by the State stating:

I am aware local material from a noncommercial source or a source not regulated under CA jurisdiction must be sampled and analyzed for pH and lead and may require sampling and analysis under section 6-1.03B(3) for other constituents of concern based on the land use history. I am aware that local material sources must not contain ADL at concentrations greater than 80 mg/kg total lead or equal to or greater than 5 mg/L soluble lead as determined by the Waste Extraction Test (WET) Procedures, 22 CA Code of Regs § 66261.24(a)(2) App II. I am aware that a maximum quantity of material may be excavated at the site based on the minimum number of samples taken before excavating at the site under section 6-1.03B(3).

2. Land use history of the local material location and surrounding property
3. Sampling protocol
4. Number of samples per volume of local material
5. QA and QC requirements and procedures
6. Qualifications of sampling personnel
7. Stockpile history
8. Name and address of the analytical laboratory that will perform the chemical analyses
9. Analyses that will be performed for lead and pH
10. Other analyses that will be performed for possible hazardous constituents based on:
 - 10.1. Source property history
 - 10.2. Land use adjacent to source property
 - 10.3. Constituents of concern in the ground water basin where the job site is located

The plan must be sealed and signed by an engineer who is registered as a civil engineer in the State or a professional geologist licensed as a professional geologist by the State.

If the plan requires revisions, the Engineer provides comments. Submit a revised plan within 7 days of receiving comments. Allow 7 days for the review.

6-1.03B(3) Analytical Test Results

At least 15 days before placing local material, submit analytical test results for each local material obtained from a noncommercial source or a source not regulated under CA jurisdiction. The analytical test results must include:

1. Certification signed by an engineer who is registered as a civil engineer in the State or a professional geologist licensed as a professional geologist by the State stating:

The analytical testing described in the local material plan has been performed. I performed a statistical analysis of the test results using the US EPA's ProUCL software with the applicable 95 percent upper confidence limit. I certify that the material from the local material source is suitable for unrestricted use at the job site, it has a pH above 5.0, does not contain soluble lead in concentrations equal to or greater than 5mg/l as determined by the Waste Extraction Test (WET) Procedures, 22 CA Code of Regs § 66261.24(a)(2) App II, does not contain lead in concentrations above 80 mg/kg total lead, is free from all other contaminants identified in the local material plan, and will comply with the job site's basin plan and water quality objectives of the RWQCB.

2. Chain of custody of samples
3. Analytical results no older than 1 year
4. Statistical analysis of the data using US EPA's ProUCL software with a 95 percent upper confidence limit
5. Comparison of sample results to hazardous waste concentration thresholds and the RWQCB's basin plan requirements and water quality objectives for the job site location

6-1.03B(4) Sample and Analysis

Sample and analyze local material from a (1) noncommercial source or (2) a source not regulated under CA jurisdiction:

1. Before bringing the local material to the job site
2. As described in the local material plan
3. Under US EPA Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (SW-846)

The sample collection must be designed to generate a data set representative of the entire volume of proposed local material.

Before excavating at the (1) noncommercial material source or (2) a source not regulated under CA jurisdiction, collect the minimum number of samples and perform the minimum number of analytical tests for the corresponding maximum volume of local material as shown in the following table:

Minimum Number of Samples and Analytical Tests for Local Material

Maximum volume of imported borrow (cu yd)	Minimum number of samples and analytical tests
< 5,000	8
5,000–10,000	12 for the first 5,000 cu yd plus 1 for each additional 1,000 cu yd or portion thereof
10,000–20,000	17 for the first 10,000 cu yd plus 1 for each additional 2,500 cu yd or portion thereof
20,000–40,000	21 for the first 20,000 cu yd plus 1 for each additional 5,000 cu yd or portion thereof
40,000–80,000	25 for the first 40,000 cu yd plus 1 for each additional 10,000 cu yd or portion thereof
> 80,000	29 for the first 80,000 cu yd plus 1 for each additional 20,000 cu yd or portion thereof

Do not collect composite samples or mix individual samples to form a composite sample.

Analyze the samples using the US EPA's ProUCL software with a 95 percent upper confidence limit. All chemical analysis must be performed by a laboratory certified by the SWRCB's Environmental Laboratory Accreditation Program (ELAP).

The analytical test results must demonstrate that the local material:

1. Is not a hazardous waste
2. Has a pH above 5.0
3. Has an average total lead concentration, based upon the 95 percent upper confidence limit, at or below 80 mg/kg
4. Is free of possible contaminants identified in the local material plan
5. Complies with the RWQCB's basin plan for the job site location
6. Complies with the RWQCB's water quality objectives for the job site location

6-1.03C Local Material Management

Do not place local material until authorized.

If the Engineer determines the appearance, odor, or texture of any delivered local material suggests possible contamination, sample and analyze the material. The sampling and analysis is change order work unless (1) hazardous waste is discovered or (2) the analytical test results indicate the material does not comply with section 6-1.03B(3).

Dispose of noncompliant local material at an appropriately permitted CA Class I, CA Class II or CA Class III facility. You are the generator of noncompliant local materials.

Replace section 6-1.04 with:

6-1.04 BUY AMERICA

6-1.04A General

Buy America requirements do not apply to the following:

1. Tools and construction equipment used in performing the work
2. Temporary work that is not incorporated into the finished project

6-1.04B Crumb Rubber (Pub Res Code § 42703(d))

Furnish crumb rubber with a certificate of compliance. Crumb rubber must be:

1. Produced in the United States
2. Derived from waste tires taken from vehicles owned and operated in the United States

6-1.04C Steel and Iron Materials

Steel and iron materials must be melted and manufactured in the United States except:

1. Foreign pig iron and processed, pelletized, and reduced iron ore may be used in the domestic production of the steel and iron materials
2. If the total combined cost of the materials produced outside the United States does not exceed the greater of 0.1 percent of the total bid or \$2,500, the material may be used if authorized

Furnish steel and iron materials to be incorporated into the work with certificates of compliance and certified mill test reports. Mill test reports must indicate where the steel and iron were melted and manufactured.

All melting and manufacturing processes for these materials, including an application of a coating, must occur in the United States. Coating includes all processes that protect or enhance the value of the material to which the coating is applied.

6-1.04D Manufactured Products

Manufactured products mean articles, materials, or supplies that have been:

1. Processed into a specific form and shape; or
2. Combined with other articles, materials, or supplies to create a product with different properties than the individual articles, materials, or supplies.

Per 23 CFR 635.410, these products must be manufactured in the United States.

Manufacturer, in the case of manufactured products, means the entity that performs the final manufacturing process by bringing individual elements together that produces a manufactured product.

If an item is classified as an iron or steel product, a construction material, or an excluded material under the definitions set forth under this Buy America section, then it is not a manufactured product. However, an article, material, or supply classified as a manufactured product under this Buy America section may include components that are construction materials, iron or steel products, or excluded materials.

Iron or steel used in precast concrete manufactured products or enclosures for Intelligent Transportation Systems (ITS) must meet the requirements of section 6-1.04C regardless of the amount used.

Iron or steel used in other manufactured products must meet the requirements of section 6-1.04C if the cost of steel and iron components is 50 percent or more of the total cost of the manufactured product.

Furnish manufactured products to be incorporated into the work with certificates of compliance with each project delivery. The manufacturer's certificate of compliance must identify where the manufacturing occurred and attest specifically to compliance with the 23 CFR 635.410 standard.

6-1.04E Construction Materials

The following construction materials must be produced in the United States under standards in 2 CFR 184.6:

1. Non-ferrous metals
2. Plastic and polymer-based products such as:
 - 2.1. Polyvinylchloride
 - 2.2. Composite building materials
3. Glass
4. Fiber optic cable including drop cable
5. Optical fiber
6. Lumber
7. Engineered wood
8. Drywall

All manufacturing processes for these materials as defined in 2 CFR 184.6 must occur in the United States.

Furnish construction materials to be incorporated into the work with certificates of compliance with each project delivery. Manufacturer's certificate of compliance must identify where the construction material was manufactured and attest specifically to compliance with its 2 CFR 184.6 standard.

Minor additions of articles, materials, supplies, or binding agents to these construction materials do not change the categorization of the construction material.

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7 Legal Relations and Responsibility to The Public

Add to Section 7-1.02K(2):

Payment of prevailing wages is not required if the contract amount is:

1. \$25,000 or less for a public works construction project.
2. \$15,000 or less for the alteration, demolition, repair, or maintenance of a public works project.

If satisfactory certified payroll records are not submitted by the time the final invoice is submitted, the Department will withhold all payments due and owing the Contractor pending receipt of the records.

Add after the first paragraph of Section 7-1.02K(3):

Payroll records are not to be submitted if prevailing wages are not required.

Add to the last paragraph of Section 7-1.02K(3):

If progress payments are not made, and you have not submitted adequate records by the time you submit the final invoice, the Department will withhold all payments due and owing the Contractor pending receipt of such records.

Replace Section 7-1.02K(6)(j)(iii) with:

7-1.02K(6)(j)(iii) Unregulated Earth Material Containing Lead

Section 7-1.02K(6)(j)(iii) includes specifications for handling, removing, and disposing of unregulated earth material containing lead. Management of this material exposes workers to health hazards that must be addressed in your lead compliance plan.

This material contains average lead concentrations below 80 mg/kg total lead and below 5 mg/L soluble lead and is not regulated by DTSC as a hazardous substance or a hazardous waste. This material does not require disposal at a permitted landfill or solid waste disposal facility. The RWQCB has jurisdiction over reuse of this material at locations outside the job site limits.

Unregulated earth material exists throughout the job site.

Lead is typically found within the top 2 feet of material within the highway. Reuse all of the excavated material on the right-of-way. Handle the material under all applicable laws, rules, and regulations, including those of the following agencies:

1. Cal/OSHA
2. CA RWQCB, Region 5S Central Valley

Add to the end of section 7-1.02M(2):

Obtain the emergency phone numbers of the California Department of Forestry and Fire Protection unit headquarters, United States Forest Service ranger district office, and U.S. Department of Interior Bureau of Land Management field offices. Submit these phone numbers to the Engineer before the start of job site activities. Post the agencies names and emergency phone numbers at a prominent place at the job site.

Hydrocarbon-fueled engines, both stationary and mobile, must be equipped with spark arresters pursuant to Pub Res Code § 4442 except for either of the following:

1. Motor trucks, truck tractors, buses, or passenger vehicles, if equipped with a muffler as defined in the Vehicle Code
2. Equipment powered by turbocharged engines if:
 - 2.1 Exhausted gases pass through the rotating turbine wheel
 - 2.2 There is no exhaust bypass to the atmosphere
 - 2.3 The turbocharger is in effective mechanical condition

Each toilet must have a metal ashtray at least 6 inches in diameter by 8 inches deep, half-filled with sand, and within easy reach of anyone accessing the facility.

Locate flammable materials at least 50 feet away from equipment service, parking, and gas or oil storage areas. Each small mobile or stationary engine site must be cleared of flammable material for a radius of at least 15 feet from the engine.

Before clearing and grubbing, clear a fire break at the outer limits of the areas to be cleared and grubbed. Where clearing and grubbing limits allow, use a minimum fire break width of 20 feet. Each area to be cleared and grubbed must be cleared and kept clear of flammable material such as dry grass, weeds, brush, downed trees, oily rags and waste, paper, cartons, and plastic waste.

Furnish the following fire tools:

1. 1 shovel and 1 fully charged fire extinguisher UL rated at 4B:C or more on each truck, personnel vehicle, tractor, grader, or other heavy equipment.
2. 1 shovel and one 5-gallon water-filled backpack fire pump for each welder.
3. 1 shovel or 1 chemical pressurized fire extinguisher, fully charged, for each gasoline-powered tool, including chain saws, soil augers, and rock drills. The fire tools must always be within 25 feet from the point of operation of the power tool. Each fire extinguisher must be of the type and size required by the California Department of Forestry and Fire Protection.

Each shovel must be size O or larger and at least 46 inches long.

Furnish a pickup truck and operator for the sole purpose of fire control during working hours. The truck must be equipped with:

1. 10 shovels, 5 axes, two 5-gallon water-filled backpack fire pumps
2. 100-gallon tank of water with a gasoline motor powered pump and 100 feet of 3/4-inch hose on a reel

In addition to being available at the site of the work, the truck and operator must patrol the area of construction from noon until at least 1/2 hour after job site activities have ended. If the fire danger rating is "very high" or "extreme" or "fire weather watches" or "red flag warning" is issued, the truck and operator must patrol the area of construction while work is being done and for at least 1/2 hour after job site activities have ended.

Cal Fire, USFS, and BLM have established the following adjective class ratings for 5 levels of fire danger for use in public information releases and fire protection signing: "low," "moderate," "high," "very high," "extreme." Obtain the fire danger rating daily for the project area from the nearest Cal Fire unit headquarters, USFS ranger district office, or BLM field office. Monitor the National Weather Service daily forecasts for "fire weather watches" and "red flag warnings" covering the project's locations.

If the fire danger rating is "very high" or a "fire weather watch" is issued, then:

1. Falling of dead trees or snags must be discontinued.
2. No open burning is permitted and fires must be extinguished.
3. Welding must be discontinued except in an enclosed building or within an area cleared of flammable material for a radius of 25 feet.
4. Blasting must be discontinued.
5. Smoking is allowed only in automobiles and cabs of trucks equipped with an ashtray or in cleared areas immediately surrounded by a fire break unless prohibited by other authority.
6. Vehicular travel is restricted to cleared areas except in case of emergency.

If the fire danger rating is "extreme" or a "red flag warning" is issued, take the precautions specified for a "very high" fire danger rating or a "fire weather watch" issuance, except:

1. Smoking is only allowed in automobiles and cabs of trucks equipped with an ashtray.
2. Work of a nature that could start a fire requires that properly equipped fire guards be assigned to such operation for the duration of the work.

The Engineer may suspend work wholly or in part due to hazardous fire conditions. If the controlling activity is suspended due to hazardous fire conditions, the associated days are considered adverse weather-related conditions and working days will not be assessed. If field and weather conditions become such that the work is suspended, section 7-1.02M(2) will not be enforced for the period of the suspension.

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8 Prosecution and Progress

Replace Section 8-1.02A with:

8-1.02A General

Before or at the preconstruction conference, submit a progress schedule on a form of your choice.

On the schedule, show the order in which you propose to carry out the work, the start dates of the several salient features of the work (including procurement of materials, plant, and equipment), and the contemplated dates for completing those salient features.

If the contract is more than 60 working days, submit an update of the schedule on or before the last day of each month, showing the status of work actually completed during the period preceding the 20th of the month.

Subsequent to the time that submittal of a progress schedule is required, no progress payments will be made for any work until a satisfactory schedule has been submitted to the Engineer.

Delete Sections 8-1.02B and 8-1.02C.

Replace the first paragraph of Section 8-1.04B with:

Start job site activities by the date specified in the Engineer's letter providing notice that the Contract has been approved.

Replace Section 8-1.13 with:

8-1.13 Contractor's Control Termination

The Department may terminate your control of the work for failure to do any of the following:

1. Supply an adequate workforce
2. Supply material as described
3. Pay subcontractors
4. Prosecute the work as described in the Contract

The Department may also terminate your control for failure to maintain insurance coverage.

For a Federal-aid project, the Department may terminate your control of the work for failure to include "Required Contract Provisions, Federal-Aid Construction Contracts" in subcontracts.

The Department gives you notice at least five (5) business days before terminating control. The notice describes the failures and the time allowed to remedy the failures. If failures are not remedied within the time provided, the Department takes control of the work.

The Department may complete the work if the Department terminates the Contractor's control or you abandon the project. The Department determines the unpaid balance under the Contract.

At any time before final payment of all claims, the Department may convert a Contractor's control termination to a Contract termination.

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9 Payment

Replace Section 9-1.16A with:

9-1.16A General

For a contract with more than 20 working days, you may request that progress payments be made. If approved by the Engineer, submit a fully itemized invoice, in triplicate, covering the actual work performed. The invoice must reference the Department of Transportation and the contract number.

For a contract with 20 working days or less, payment will be made after contract acceptance.

No progress payment will be made when, in the opinion of the Engineer, the work is not proceeding in accordance with the specifications, or when the total value of the work done since the last estimate is less than \$5,000.

Delete Sections 9-1.16C and 9-1.16D.

Replace Section 9-1.17 with:

9-1.17 Payment After Contract Acceptance

9-1.17A General

Reserved

9-1.17B Reserved**9-1.17C Final Invoice**

Submit a fully itemized invoice, in triplicate, within 30 days after Contract acceptance, covering the actual work performed. The invoice must reference the Department of Transportation and the contract number.

Submit claims statements with the final invoice. Claims not submitted with the final invoice will not be considered.

Submit required final utilization reports to Engineer. Failure to provide the required forms with the final invoice will result in 25 percent (25%) of the dollar value of the bill being withheld from payment until the form is submitted. The amount will be returned to Contractor when satisfactory final utilization forms are submitted.

9-1.17D Final Payment and Claims**9-1.17D(1) General**

If you do not submit a claim statement, Engineer immediately processes the final invoice and the Department pays the amount due. This final payment is conclusive except as specified in Sections 5-1.27 and 9-1.21.

If you submit a claim statement, Engineer immediately processes the final invoice and the Department pays the amount due for the undisputed work. This payment is conclusive as to the amount of work completed and the amount payable except as affected by the claims or as specified in Sections 5-1.27 and 9-1.21.

9-1.17D(2) Claim Statement**9-1.17D(2)(a) General**

Submit additional information as to the basis and amount of the claim within 15 days of a request by Engineer. Failure to submit requested information or to provide access to records of the information is cause for denial of the claim.

9-1.17D(2)(b) Overhead Claims

Claims for overhead expenses must be supported by an audit report by an independent Certified Public Accountant. Claims are subject to audit by the State at its discretion.

9-1.17D(2)(c) Declaration

Submit a declaration that includes the following language with the claim statement:

I declare under penalty of perjury, according to the laws of the State of California, that the foregoing claims, with specific reference to the California False Claims Act (Govt Code § 12650 et seq.) and to the extent the project contains federal funding, the U.S. False Claims Act (31 USC § 3729 et seq.), are true and correct, and that this declaration was signed on _____(date)_____, 20__ at _____, California.

9-1.17D(2)(d) Waiver

A claim is waived if:

1. Claim does not have a corresponding **Supplemental Potential Claim Record** identification number
2. Claim does not have the same nature, circumstances, and basis of claim as the corresponding **Supplemental Potential Claim Record**
3. Claim is not included in the claim statement
4. You do not comply with the claim procedures
5. You do not submit the declaration specified in Section 9-1.17D(2)(c)

9-1.17D(3) Final Determination of Claims

Failure to allow timely access to claim supporting data when requested waives the claim.

Department's costs in reviewing or auditing a claim not supported by the Contractor's accounting or other records are damages incurred by the State within the meaning of the California False Claims Act.

After claim review, Engineer makes a preliminary determination of claims and furnishes it to Contractor. Within 30 days of notification of the preliminary determination, make a presentation in support of remaining claims to a person designated by Director. Director makes the final decision on payable compensation due the Contractor and furnishes it to Contractor.

Department pays the amount due within 30 days. The final estimate is conclusive as to the amount of work completed and the amount payable except as specified in Sections 5-1.27 and 9-1.21.

Replace section 9-1.22 with:

9-1.22 Resolution of Claims

Resolution of claims will be through the Department of General Services, Government Claims Program under Government Code, Division 3, Part 5.

[illegible]

Division II General Construction

12 Temporary Traffic Control

Add to the beginning of section 12-3.32C:

Place one PCMS in advance of the 1st warning sign for each stationary lane closure and shoulder closure. The exact locations will be determined by the Engineer.

For one-way reversing lane closure, a PCMS must be placed for each direction. The exact locations will be determined by the Engineer.

Add between the 9th and 10th paragraphs of section 12-3.32C:

Start displaying the message on the sign 15 minutes before closing the lane or shoulder or when directed by the Engineer.

Replace section 12-3.36 with:

12-3.36 PORTABLE TRANSVERSE RUMBLE STRIPS

12-3.36A General

12-3.36A(1) Summary

Section 12-3.36 includes specifications for providing portable transverse rumble strips.

12-3.36A(2) Definitions

Not Used

12-3.36A(3) Submittals

Submit a copy of the manufacturer's instructions as an informational submittal before using portable transverse rumble strips.

12-3.36A(4) Quality Assurance

Not Used

12-3.36B Materials

Portable transverse rumble strips must:

1. Be on the Authorized Material List for signing and delineation materials
2. Be rated for ambient temperatures from 0 to 150 degrees F
3. Have a minimum weight of 75 pounds and withstand vehicles up to 80,000 pounds with minimal movement
4. Not degrade due to weather or traffic conditions
5. Have a non-slip textured surface
6. Have a drainage design that efficiently removes liquid without displacing the unit
7. Be black or orange in color

12-3.36C Construction

Install portable transverse rumble strips under the manufacturer's installation instructions.

Before installation of portable transverse rumble strips, the roadway must be cleaned and free of dust, sand, and other materials that may cause slippage. Place each portable transverse rumble strip on a uniform paved surface free of defects, including potholes, excessive rutting, separated transverse joints, and utility structures.

Portable transverse rumble strips, whether comprised of one segment or interlocking segments, must extend to the full lane width, and be configured in accordance with the manufacturer's recommendations. Use 2 arrays where each array consists of 3 rumble strips.

Portable transverse rumble strips must not be placed at any of the following locations:

1. On sharp horizontal curves
2. On vertical curves
3. Through pedestrian crossings

Portable transverse rumble strips are not required if:

1. Duration of work in a work zone is 4 hours or less
2. Posted speed limit is below 45 mph
3. Work is of emergency nature
4. Work zone is in snow or icy weather conditions

Portable transverse rumble strips must be installed without adhesive or bolts.

When a portable transverse rumble strip consists of multiple sections, connect sections under the manufacturer's instructions before placing them in the traffic lane.

If a portable transverse rumble strip is displaced out of alignment or skewed by more than 6 inches, as measured from one end to the other, immediately readjust position to original location.

Portable transverse rumble strips that no longer provide audible or vibratory alerts must be replaced immediately.

12-3.36D Payment

Not Used

Add to section 12-4.02A(2):

special days: Mother's Day, Easter Weekend including Friday prior, Martin Luther King Jr Day, Day after Thanksgiving, Ione Christmas Parade.

Add to the end of section 12-4.02C(1):

Keep the full width of the traveled way open to traffic when no active construction activities are occurring in the traveled way or within 6 feet of the traveled way.

Add to the end of section 12-4.02C(3)(a):

If work vehicles or equipment is parked on the shoulder within 6 feet of a traffic lane at Route 26 or Route 49, close the shoulder area with fluorescent-orange traffic cones or portable delineators. Place the cones or delineators on a taper in advance of the parked vehicles or equipment and along the edge of the traveled way at 25-foot intervals to a point not less than 25 feet past the last vehicle or piece of equipment. Use at least 9 cones or delineators for the taper. Place advance warning signs as specified in section 12-4.02C(8).

Replace section 12-4.02C(3)(f) with:

12-4.02C(3)(f) Closure Restrictions for Designated Holidays and Special Days

Closure restrictions for designated holidays and special days are shown in the following table:

Lane Closure Restrictions For Designated Holidays And Special Days											
Thu	Fri	Sat	Sun	Mon	Tues	Wed	Thu	Fri	Sat	Sun	Mon
x	H xx	xx	xx								
	SD xx	xx	xx								
x	xx	H xx	xx								
		SD xx	xxx								
	x	xx	H xx	xx							
			SD xx	xxx							
	x	xx	SDX xx	xxx							
	x	xx	xx	H xx	xx						
	x	xx	xx	SD xx	xxx						
			xx	xx	H xx	xx					
				x	SD xx	xxx					
					x	H xx	xx				
						SD xx	xxx				
						x	H xx	xx	xx	xx	
							SD xx	xxx			
Legend:											
	Refer to lane requirement charts.										
x	The full width of the traveled way must be open for use by traffic after 6:00 am .										
xx	No work allowed within State Right-of-Way.										
xxx	The full width of the traveled way must be open for use by traffic until 6:00 am .										
H	Designated holiday										
SD	Special day										
SDX	Special day-Easter Weekend, including Friday prior										

Replace section 12-4.02C(3)(k) with:

12-4.02C(3)(k) Conventional Highway Lane Requirement Charts

Comply with the requirements for the conventional highway lane closures shown in the following chart:

Chart No. K1 Conventional Highway Lane Requirements																									
County: Amador													Route/Direction: 26/EB_WB							Post Mile: 3.38/3.61					
Closure limits: Location 1. From 120 feet east of Deavers Road to 280 feet west of Roden Lane.																									
Hour	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon– Thu										R	R	R	R	R	R	R	R								
Fri										R	R	R	R	R	R	R									
Sat																									
Sun																									
Legend:																									
R		Provide at least 1 through traffic lane not less than 10 feet in width for use by both directions of travel.																							
		(Reversing Control)																							
		Work is allowed within the highway where a shoulder or lane closure is not required.																							
REMARKS:																									
1. See Lane Closure Restrictions for Designated Holidays and Special Days table for additional closure restrictions.																									
2. Closures of local roads will require City/County concurrence.																									

Replace section 12-4.02C(3)(k) with:**12-4.02C(3)(k) Conventional Highway Lane Requirement Charts**

Comply with the requirements for the conventional highway lane closures shown in the following chart:

Chart No. K2 Conventional Highway Lane Requirements																									
County: Calaveras								Route/Direction:49/NB-SB								Post Mile: 29.40/30.59									
Closure limits: Location 2. From 530 feet north of Gold Rush Lane to 1,150 feet south of Big Bar Road.																									
Hour	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon– Thu										R	R	R	R	R	R	R	R	R							
Fri										R	R	R	R	R	R	R									
Sat																									
Sun																									
Legend:																									
R	Provide at least 1 through traffic lane not less than 10 feet in width for use by both directions of travel.																								
	(Reversing Control)																								
	Work is allowed within the highway where a shoulder or lane closure is not required.																								
REMARKS:																									
1. See Lane Closure Restrictions for Designated Holidays and Special Days table for additional closure restrictions.																									
2. Closures of local roads will require City/County concurrence.																									

Add to the end of section 12-4.02C(7)(b):

For a stationary one-way-reversing traffic-control lane closure, you may stop traffic in 1 direction for periods not to exceed 10 minutes. After each stoppage, all accumulated traffic for that direction must pass through the work zone before another stoppage is made.

The maximum length of a single stationary one-way-reversing traffic-control lane closure is 1 mile between flaggers.

Not more than 1 stationary one-way-reversing traffic-control lane closure will be allowed at one time.

Add to the end of section 12-4.02C(8)(a):

If shoulders are closed at Route 26 and Route 49, use the following advance warning signs:

1. W21-5 (Shoulder Work)
2. W21-5b (Right/Left Shoulder Closed Ahead)
3. C30A(CA) (Shoulder Closed)

Link to the Standard Specifications applicable to the 2025 Edition of the Standard Specifications by reference made a part of the Agreement are available at:

<https://dot.ca.gov/programs/design/2025-ccs-standard-plans-and-standard-specifications>

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	AMA, CAL	26,49	Var	1	16



INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2	LOCATIONS OF CONSTRUCTION
3	CONSTRUCTION AREA SIGNS
4-5	SIGN DETAILS
6-9	SIGN QUANTITIES
10-16	RSP

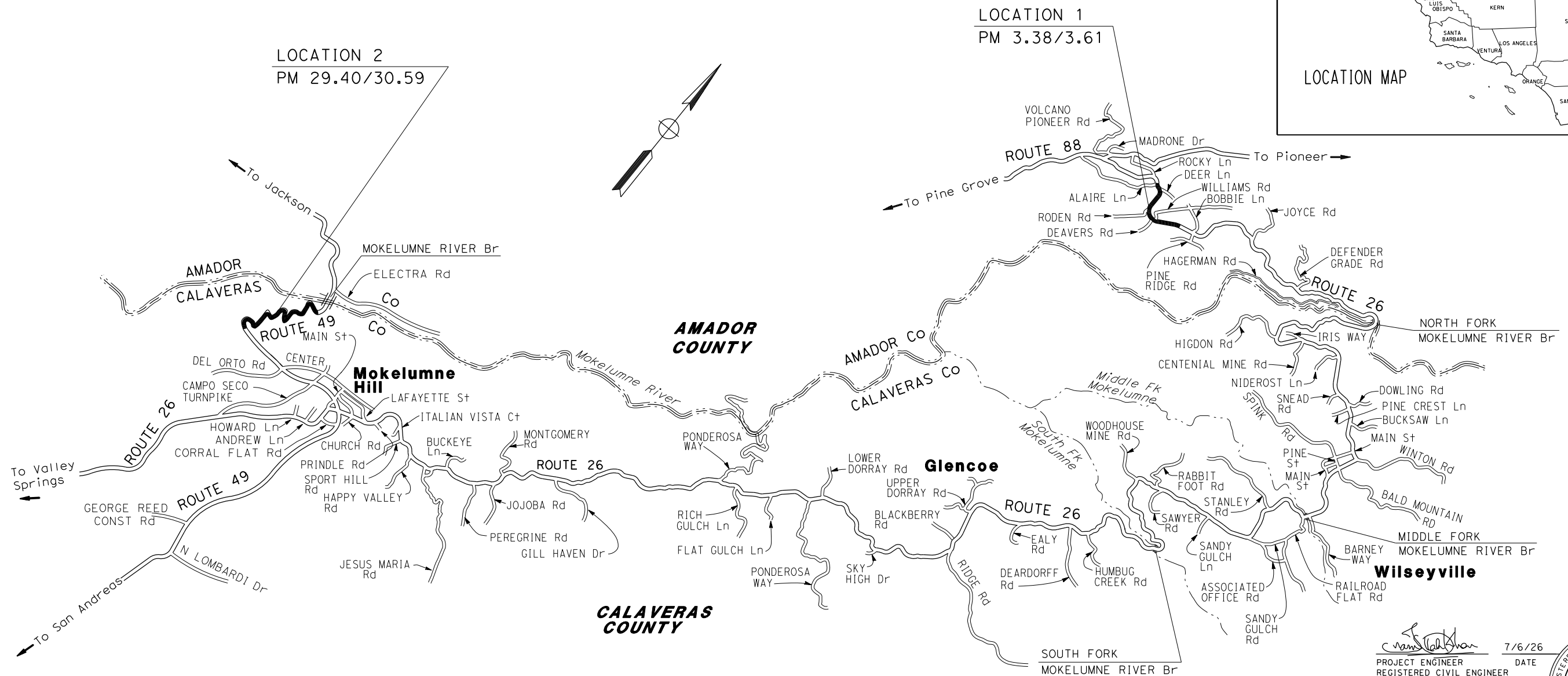
THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIAL PROVISIONS BOOK.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY

IN AMADOR AND CALAVERAS COUNTIES ON
SR 26 AND SR49 AT VARIOUS LOCATIONS

TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2025



Chris T. Khan 7/6/26
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

July 6, 2026
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.



CONTRACT No.	10A2948
PROJECT ID	1024000119

THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES)
OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

NO SCALE

BORDER LAST REVISED 9/17/2018 CALTRANS WEB SITE IS: [HTTP://WWW.DOT.CA.GOV/](http://www.dot.ca.gov/)

RELATIVE BORDER SCALE
IS IN INCHES

```

USERNAME =>
DGN FILE => ...\\510 Plans\\1024000119ab001.dgn

```

UNIT 2585	PROJECT NUMBER & PHASE	10240001191
-----------	------------------------	-------------

DATE PLOTTED => 7/6/2026	TIME PLOTTED => 1:45:33 PM
LAST REVISION	
7-6-26	

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	AMA,CAL	26,49	VAR	2	16
 REGISTERED CIVIL ENGINEER			7/6/26 DATE		
July 6, 2026			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.			REGISTERED PROFESSIONAL ENGINEER INAMULLAH KHAN MOHAMMED No. C 98377 Exp. 12/31/27 CIVIL STATE OF CALIFORNIA		

LOCATIONS OF CONSTRUCTION

LOCATION (#)	COUNTY	ROUTE	DIRECTION	Beg POSTMILE	END POSTMILE	SIGN No.
1	Ama	26	EASTBOUND/WESTBOUND	3.38	3.61	1-1 TO 1-22
2	Cal	49	SOUTHBOUND/NORTHBOUND	29.4	30.59	2-1 TO 2-50

LOCATIONS OF CONSTRUCTION
LC-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

 **TRAFFIC ENGINEERING**

FUNCTIONAL SUPERVISOR

IMRAN FAZAL

CALCULATED-
DESIGNED BY

CHECKED BY

KENNY HOANG

INAM MOHAMMED

REVISED BY

DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	AMA,CAL	26,49	VAR	3	16


REGISTERED CIVIL ENGINEER

7/6/26
DATE

July 6, 2026
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
INAMULLAH KHAN
MOHAMMED
No. C 98377
Exp. 12/31/27
CIVIL
STATE OF CALIFORNIA

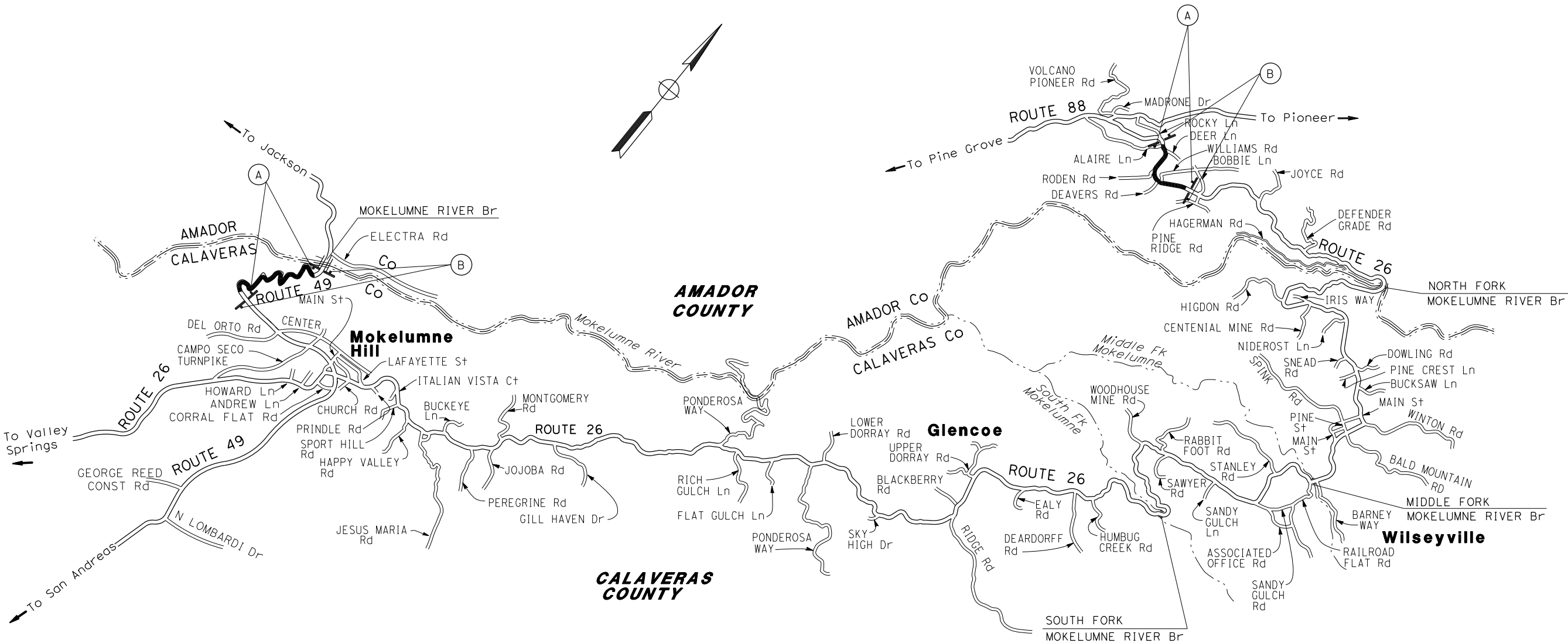
THE STATE OF CALIFORNIA OR ITS OFFICERS
OR AGENTS SHALL NOT BE RESPONSIBLE FOR
THE ACCURACY OR COMPLETENESS OF SCANNED
COPIES OF THIS PLAN SHEET.

NOTES:

1. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
2. EXEMPT PROJECT WITH LIMITED EXCAVATIONS, UTILITIES ARE NOT SHOWN.

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN NO.	SIGN CODE	PANEL SIZE	SIGN MESSAGE	NUMBER OF POSTS AND SIZE	NUMBER OF SIGNS
A	W20-1	48" x 48"	ROAD WORK AHEAD	1 - 6" x 6"	4
B	G20-2	48" x 24"	END ROAD WORK	1 - 4" x 6"	4



APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

CONSTRUCTION AREA SIGNS
CS-1

NO SCALE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	AMA,CAL	26,49	VAR	4	16
			7/6/26 DATE		
REGISTERED CIVIL ENGINEER			PLANS APPROVAL DATE		
July 6, 2026			No. C 98377 Exp. 12/31/27		
INAMULLAH KHAN MOHAMMED			CIVIL		
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.					

ABBREVIATION:

APD ADVANCE PLACEMENT DISTANCE

TYPICAL SPACING OF CHEVRON
ALIGNMENT SIGNS ON HORIZONTAL CURVES

ADVISORY SPEED	CURVE RADIUS	SIGN SPACING
15 MPH OR LESS	LESS THAN 200 FT	40 FT
20 TO 30 MPH	200 TO 400 FT	80 FT
35 TO 45 MPH	401 TO 700 FT	120 FT
50 TO 60 MPH	701 TO 1,250 FT	160 FT
MORE THAN 60 MPH	MORE THAN 1,250 FT	200 FT

NOTE: THE RELATIONSHIP BETWEEN THE CURVE RADIUS AND THE
ADVISORY SPEED SHOWN IN THIS TABLE SHOULD NOT BE
USED TO DETERMINE THE ADVISORY SPEED.

HORIZONTAL ALIGNMENT SIGN SELECTION

SIGN CODE	SIGN MESSAGE	DIFFERENCE BETWEEN SPEED AND ADVISORY SPEED ¹				
		5 MPH	10 MPH	15 MPH	20 MPH	25 MPH OR MORE
W1-1	TURN	RECOMMENDED	REQUIRED	REQUIRED	REQUIRED	REQUIRED
W1-2	CURVE					
W13-1P	ADVISORY SPEED PLAQUE	RECOMMENDED	REQUIRED	REQUIRED	REQUIRED	REQUIRED
W4-10	ADVISORY SPEED PLAQUE					
W1-8	CHEVRONS	OPTIONAL	RECOMMENDED	REQUIRED	REQUIRED	REQUIRED
W1-11	CURVE	RECOMMENDED	REQUIRED	REQUIRED	REQUIRED	REQUIRED

¹ IN ADVANCE OF HORIZONTAL CURVES ON FREEWAYS, EXPRESSWAYS AND ON ROADWAYS WITH MORE THAN 1,000 AADT THAT ARE FUNCTIONALLY CLASSIFIED AS ARTERIALS OR COLLECTORS, HORIZONTAL ALIGNMENT WARNING SIGNS SHALL BE USED IN ACCORDANCE WITH THIS TABLE BASED ON THE SPEED DIFFERENTIAL BETWEEN THE ROADWAY’S POSTED OR STATUTORY SPEED LIMIT WHICHEVER IS HIGHER, OR THE PREVAILING SPEED ON THE APPROACH TO THE CURVE, AND THE HORIZONTAL CURVE’S ADVISORY SPEED.

GUIDELINES FOR ADVANCE PLACEMENT OF WARNING SIGNS

POSTED SPEED (MPH)	ADVANCE PLACEMENT DISTANCE (FT)						
	DECELERATION TO THE LISTED ADVISORY SPEED (MPH)						
	10	20	30	40	50	60	70
20	N/A ¹	-	-	-	-	-	-
25	N/A ¹	N/A ¹	-	-	-	-	-
30	N/A ¹	N/A ¹	-	-	-	-	-
35	N/A ¹	N/A ¹	N/A ¹	-	-	-	-
40	100 ²	100 ²	N/A ¹	-	-	-	-
45	125	100 ²	100 ²	N/A ¹	-	-	-
50	200	175	125	100 ²	-	-	-
55	275	225	200	125	N/A ¹	-	-
60	350	325	275	200	100 ²	-	-
65	450	400	350	275	200	100 ²	-
70	525	500	450	375	275	150	-
75	625	600	550	475	375	250	100 ²

¹ NO SUGGESTED DISTANCES ARE PROVIDED FOR THESE SPEEDS, AS THE PLACEMENT LOCATION IS DEPENDENT ON SITE CONDITIONS AND OTHER SIGNING. AN ALIGNMENT WARNING SIGN MAY BE PLACED ANYWHERE FROM THE BEGIN HORIZONTAL CURVATURE (BC) UP TO 100 FEET IN ADVANCE OF THE CURVE. HOWEVER, THE ALIGNMENT WARNING SIGN SHOULD BE INSTALLED IN ADVANCE OF THE CURVE AND AT LEAST 100 FEET FROM ANY OTHER SIGNS.

² THEN MINIMUM ADVANCE PLACEMENT DISTANCE (APD) IS LISTED AS 100 FEET TO PROVIDE ADEQUATE SPACING BETWEEN SIGNS.

SIGN DETAILS
NO SCALE SD-1

APPROVED FOR SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

 CALTRANS

TRAFFIC ENGINEERING

FUNCTIONAL SUPERVISOR

IMRAN FAZAL

CALCULATED-
DESIGNED BY

CHECKED BY

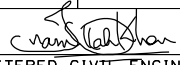
KENNY HOANG

INAM MOHAMMED

REVISED BY

DATE REVISED

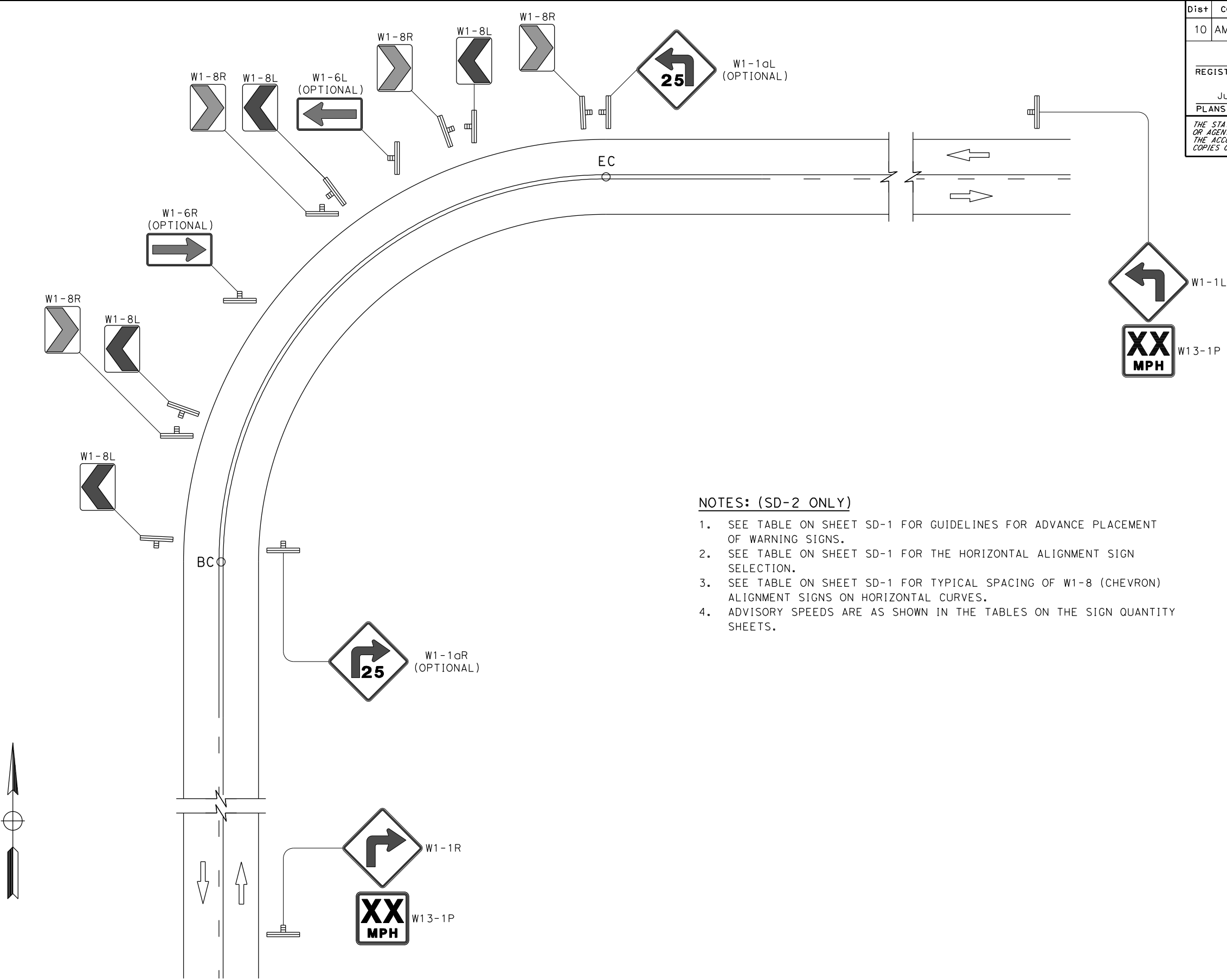
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	AMA,CAL	26,49	VAR	5	16


REGISTERED CIVIL ENGINEER
DATE 7/6/26

July 6, 2026
PLANS APPROVAL DATE

INAMULLAH KHAN
MOHAMMED
No. C 98377
Exp. 12/31/27
CIVIL
STATE OF CALIFORNIA

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ADVANCE PLACEMENT OF WARNING SIGNS FOR A TURN
(HORIZONTAL ALIGNMENT)

APPROVED FOR SIGN WORK ONLY

SIGN DETAILS
NO SCALE SD-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED- DESIGNED BY	KENNY HOANG	REVISED BY	
	IMRAN FAZAL	CHECKED BY	INAM MOHAMMED	DATE	REVISED

Caltrans® TRAFFIC ENGINEERING

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION



TRAFFIC ENGINEERING

FUNCTIONAL SUPERVISOR

IMRAN FAZAL

CALCULATED-DESIGNED BY

CHECKED BY

KENNY HOANG

INAM MOHAMMED

REVISED BY

DATE REVISED

NOTES:

1. FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SIGN CODES ARE SHOWN UNLESS DESIGNATED BY (CA) INDICATING STANDARD CALIFORNIA (MUTCD) SIGN SPECIFICATIONS.
2. CONFIRM ALL SIGN LOCATIONS WITH THE ENGINEER PRIOR TO EXCAVATION AND PLACEMENT OF SIGNS.
3. THE GPS COORDINATES ARE WGS84. GPS COORDINATES ARE APPROXIMATE VALUES.
4. EXEMPT PROJECT WITH LIMITED EXCAVATION, UTILITIES ARE NOT SHOWN.

ABBREVIATIONS:

FY FLUORESCENT YELLOW

Dist

COUNTY

ROUTE

POST MILES TOTAL PROJECT

SHEET No.

TOTAL SHEETS

10

AMA,CAL

26,49

VAR

6

16



7/6/26

REGISTERED CIVIL ENGINEER

DATE

July 6, 2026

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

INAMULLAH KHAN MOHAMMED

No. C 98377

Exp.12/31/27

CIVIL

STATE OF CALIFORNIA

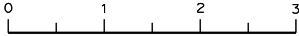
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ROADSIDE SIGN QUANTITIES

LOCATION No.	RIEKER CURVE ADVISORY REPORTING SYSTEM (CARS) CURVE ID No.	COUNTY	ROUTE	FREEWAY DIRECTION	APPOXIMATE POSTMILE	LATITUDE	LONGITUDE	ROADSIDE SIGN POSITION	SIGN CODE	SIGN MESSAGE	SIGN PANEL SIZE	NUMBER OF POSTS AND SIZE	SINGLE FACED	BACKGROUND		LEGEND		PROTECTIVE OVERLAY (PREMIUM FILM)	FURNISH SINGLE SHEET ALUMINUM SIGN		ROADSIDE SIGN - ONE POST
														SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE				
																			0.063"	0.080"	

THIS PLAN TO BE USED FOR EXISTING ROADSIDE SIGN INFORMATION ONLY

SIGN QUANTITIES SQ-1



Dist

COUNTY

ROUTE

POST MILES
TOTAL PROJECT

SHEET
No.

TOTAL
SHEETS

10

AMA,CAL

26,49

VAR

7

16



7/6/26

REGISTERED CIVIL ENGINEER

DATE

July 6, 2026

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

INAMULLAH KHAN
MOHAMMED

No. C 98377

Exp.12/31/27

CIVIL

STATE OF CALIFORNIA

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ROADSIDE SIGN QUANTITIES

LOCATION No.	RIEKER CURVE ADVISORY REPORTING SYSTEM (CARS) CURVE ID No.	COUNTY	ROUTE	FREEWAY DIRECTION	APPOXIMATE POSTMILE	LATITUDE	LONGITUDE	ROADSIDE SIGN POSITION	SIGN CODE	SIGN MESSAGE	SIGN PANEL SIZE	NUMBER OF POSTS AND SIZE	SINGLE FACED	BACKGROUND		LEGEND		PROTECTIVE OVERLAY (PREMIUM FILM)	FURNISH SINGLE SHEET ALUMINUM SIGN		ROADSIDE SIGN - ONE POST
														SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE				
																			UNFRAMED		
SQ FT		SQ FT																			
2	355804	Cal	49	EB	30.01	38.30599	-120.72871	L+	W1-8L	CHEVRON ALIGNMENT (LEFT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					29.98	38.30584	-120.72946	R+	W1-8R	CHEVRON ALIGNMENT (RIGHT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.00	38.30606	-120.72911	L+	W1-8L	CHEVRON ALIGNMENT (LEFT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.00	38.30607	-120.72918	R+	W1-8R	CHEVRON ALIGNMENT (RIGHT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					29.98	38.30603	-120.72924	L+	W1-8L	CHEVRON ALIGNMENT (LEFT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.01	38.30609	-120.72904	R+	W1-8R	CHEVRON ALIGNMENT (RIGHT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					29.99	38.30597	-120.72935	L+	W1-8L	CHEVRON ALIGNMENT (LEFT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.00	38.30608	-120.72890	R+	W1-8R	CHEVRON ALIGNMENT (RIGHT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					29.98	38.30588	-120.72944	L+	W1-8L	CHEVRON ALIGNMENT (LEFT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.02	38.30604	-120.72877	R+	W1-8R	CHEVRON ALIGNMENT (RIGHT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.00	38.30604	-120.72883	L+	W1-8L	CHEVRON ALIGNMENT (LEFT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					29.97	38.30594	-120.72940	R+	W1-8R	CHEVRON ALIGNMENT (RIGHT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.01	38.30607	-120.72897	L+	W1-8L	CHEVRON ALIGNMENT (LEFT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
30.00	38.30602	-120.72930	R+	W1-8R	CHEVRON ALIGNMENT (RIGHT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1					
2	355808	Cal	49	EB	30.07	38.30528	-120.72805	L+	W1-8L	CHEVRON ALIGNMENT (LEFT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.13	38.30566	-120.72722	R+	W1-8R	CHEVRON ALIGNMENT (RIGHT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.09	38.30520	-120.72765	L+	W1-8L	CHEVRON ALIGNMENT (LEFT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.13	38.30536	-120.72736	R+	W1-8R	CHEVRON ALIGNMENT (RIGHT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.10	38.30524	-120.72752	L+	W1-8L	CHEVRON ALIGNMENT (LEFT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.10	38.30530	-120.72747	R+	W1-8R	CHEVRON ALIGNMENT (RIGHT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.13	38.30530	-120.72740	L+	W1-8L	CHEVRON ALIGNMENT (LEFT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.09	38.30525	-120.72759	R+	W1-8R	CHEVRON ALIGNMENT (RIGHT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.11	38.30537	-120.72730	L+	W1-8L	CHEVRON ALIGNMENT (LEFT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.08	38.30523	-120.72773	R+	W1-8R	CHEVRON ALIGNMENT (RIGHT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.14	38.30547	-120.72723	L+	W1-8L	CHEVRON ALIGNMENT (LEFT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.10	38.30524	-120.72787	R+	W1-8R	CHEVRON ALIGNMENT (RIGHT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.13	38.30557	-120.72720	L+	W1-8L	CHEVRON ALIGNMENT (LEFT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.07	38.30529	-120.72799	R+	W1-8R	CHEVRON ALIGNMENT (RIGHT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.10	38.30522	-120.72793	L+	W1-8L	CHEVRON ALIGNMENT (LEFT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.12	38.30555	-120.72723	R+	W1-8R	CHEVRON ALIGNMENT (RIGHT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.08	38.30520	-120.72779	L+	W1-8L	CHEVRON ALIGNMENT (LEFT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.12	38.30545	-120.72728	R+	W1-8R	CHEVRON ALIGNMENT (RIGHT)	12" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					SHEET SQ-1 TOTAL																

THIS PLAN TO BE USED FOR EXISTING ROADSIDE SIGN INFORMATION ONLY

SIGN QUANTITIES
SQ-2

Dist

COUNTY

ROUTE

POST MILES
TOTAL PROJECT

SHEET
No.

TOTAL
SHEETS

10

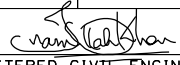
AMA,CAL

26,49

VAR

8

16



7/6/26

REGISTERED CIVIL ENGINEER

DATE

July 6, 2026

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER

INAMULLAH KHAN
MOHAMMED

No. C 98377

Exp. 12/31/27

CIVIL

STATE OF CALIFORNIA

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ROADSIDE SIGN QUANTITIES

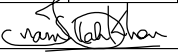
LOCATION No.	RIEKER CURVE ADVISORY REPORTING SYSTEM (CARS) CURVE ID No.	COUNTY	ROUTE	FREEWAY DIRECTION	APPOXIMATE POSTMILE	LATITUDE	LONGITUDE	ROADSIDE SIGN POSITION	SIGN CODE	SIGN MESSAGE	SIGN PANEL SIZE	NUMBER OF POSTS AND SIZE	SINGLE FACED	BACKGROUND		LEGEND		PROTECTIVE OVERLAY (PREMIUM FILM)	FURNISH SINGLE SHEET ALUMINUM SIGN		ROADSIDE SIGN - ONE POST
														SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE				
																			SQFT	SQFT	
2	355814	Cal	49	EB	30.58	38.30921	-120.72315	L+	W1-8L	CHEVRON ALIGNMENT (LEFT)	18" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.61	38.30937	-120.72268	R+	W1-8R	CHEVRON ALIGNMENT (RIGHT)	18" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.60	38.30930	-120.72276	L+	W1-8L	CHEVRON ALIGNMENT (LEFT)	18" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.57	38.30920	-120.72303	R+	W1-8R	CHEVRON ALIGNMENT (RIGHT)	18" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.59	38.30921	-120.72301	L+	W1-8L	CHEVRON ALIGNMENT (LEFT)	18" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.59	38.30929	-120.72278	R+	W1-8R	CHEVRON ALIGNMENT (RIGHT)	18" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.58	38.30924	-120.72288	L+	W1-8L	CHEVRON ALIGNMENT (LEFT)	18" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.59	38.30923	-120.72290	R+	W1-8R	CHEVRON ALIGNMENT (RIGHT)	18" x 18"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	3.0		1
					30.52	38.30942	-120.72388	L+	W1-1L	ADVISORY DIRECTION (LEFT)	36" x 36"	1 - 4" x 4"	X	FY	XI	BLACK	NONE	X	9.0		1
SHEET SQ-3 TOTAL																		33		9	

INCLUDED IN SUMMARY OF ROADSIDE SIGN QUANTITIES TABLE ON SHEET SD-17.

SIGN QUANTITIES
SQ-3

THIS PLAN TO BE USED FOR EXISTING ROADSIDE SIGN INFORMATION ONLY



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	AMA,CAL	26,49	VAR	9	16
 REGISTERED CIVIL ENGINEER			7/6/26 DATE		
July 6, 2026 PLANS APPROVAL DATE			INAMULLAH KHAN MOHAMMED No. C 98377 Exp. 12/31/27 CIVIL		
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SUMMARY OF ROADSIDE SIGN QUANTITIES

SHEET No.	FURNISH SINGLE SHEET ALUMINUM SIGN		ROADSIDE SIGN - ONE POST	SIGN LOCATION No.
	UNFRAMED			
	0.063"	0.080"		
	SQFT	SQFT		
SQ-1	126.0		27	1, 2
SQ-2	96.0		32	2
SQ-3	33.0		9	2
GRAND TOTAL	255		68	

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

TRAFFIC ENGINEERING

FUNCTIONAL SUPERVISOR

IMRAN FAZAL

CALCULATED-
DESIGNED BY

CHECKED BY

KENNY HOANG

INAM MOHAMMED

REVISED BY

DATE REVISED

THIS PLAN TO BE USED FOR EXISTING ROADSIDE SIGN INFORMATION ONLY

SIGN QUANTITIES
SQ-4

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	AMA, CAL	26, 49	VAR	10	16

Davinder Minhas
REGISTERED CIVIL ENGINEER

April 20, 2026
PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER

Davinder Minhas
No. C70022
Exp. 9-30-26
CIVIL

STATE OF CALIFORNIA

TO ACCOMPANY PLANS DATED July 6, 2026

- GENERAL RULES:**
- Words are preferred over abbreviations and acronyms.
 - Use words in notes, except where space is limited on the plan sheet.
 - Do not use abbreviations or acronyms where the meaning may be in doubt.
 - Abbreviations and acronyms may be used in callouts, dimensions, and tables.
 - Use upper and lower case letters for abbreviation of a single word.
e.g., Misc = miscellaneous
and Bit Ctd = bituminous coated
 - Use all upper case letters for acronyms.
e.g., BCR = begin curb return

- UNITS OF MEASUREMENT:**
- See Tables A, B and C on Revised Standard Plan RSP A3C.
 - Units of measurement are not part of abbreviations and acronyms.
The above abbreviation and acronym general rules do not apply.

- SYMBOLS:**
- See Table D on Revised Standard Plan RSP A3C.

- SLOPES, FLARES, AND TAPERS:**
- Side slopes:
X:Y - horizontal:vertical
 - Flares and tapers:
X:Y - longitudinal:lateral

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**ABBREVIATIONS
(SHEET 1 OF 3)**

RSP A3A DATED APRIL 20, 2026 SUPERSEDES STANDARD PLAN A3A
DATED SEPTEMBER 19, 2025 - PAGE 1 OF THE STANDARD PLANS BOOK DATED 2025.

REVISED STANDARD PLAN RSP A3A

A

AB	AGGREGATE BASE
ABBC	ASBESTOS BONDED BITUMINOUS COATED
ABM	AIR-BLOWN MORTAR
Abn	ABANDON
ABS	ACRYLONITRILE-BUTADIENE-STYRENE
Abu+	ABUTMENT
AC	ASPHALT CONCRETE
AC+	UNGROUNDED CONDUCTOR
ACB	ASPHALT CONCRETE BASE
ACC	ARMOR-CLAD CONDUCTORS
ACP	ASBESTOS CEMENT PIPE
Adj	ADJUST, ADJUSTABLE, ADJACENT
ADL	ADDED DEAD LOAD
ADT	AVERAGE DAILY TRAFFIC
AFES	ALTERNATIVE FLARED END SECTION
AGT	APPROACH GUARDRAIL TRANSITION
Ahd	AHEAD
AIC	AUXILIARY IRRIGATION CONTROLLER
Ait	ALTERNATE, ALTERNATIVE
AM	TIME FROM MIDNIGHT TO NOON
Amend	AMENDMENT
AP	ALTERNATIVE PIPE
APC	ALTERNATIVE PIPE CULVERT
Approx	APPROXIMATE
APS	ACCESSIBLE PEDESTRIAN SIGNAL
APU	ALTERNATIVE PIPE UNDERDRAIN
ARS	ACCELERATION RESPONSE SPECTRUM
ARV	AIR RELEASE VALVE
AS	AGGREGATE SUBBASE
ASP	ALTERNATIVE SLOTTED PIPE
ASRP	ALUMINUM SPIRAL RIB PIPE
Assy	ASSEMBLY
ATPB	ASPHALT TREATED PERMEABLE BASE
ATPM	ASPHALT TREATED PERMEABLE MATERIAL
Auto	AUTOMATIC
Aux	AUXILIARY
AVB	ATMOSPHERIC VACUUM BREAKER
Ave	AVENUE
Avg	AVERAGE

B

B & B	BALLED AND BURLAPPED
BAGR	BRIDGE APPROACH GUARD RAILING
Batt	BATTERY
BB	BEGINNING OF BRIDGE
B/B	BRASS/BRONZE
B/B/PI	BRASS/BRONZE/PLASTIC
B-B	BACK-TO-BACK
BBS	BATTERY BACKUP SYSTEM
BC	BEGIN HORIZONTAL CURVE, BOLT CIRCLE
BCR	BEGIN CURB RETURN
Beg	BEGIN
BFM	BONDED FIBER MATRIX
Bit Ctd	BITUMINOUS COATED
Bk	BACK
Bkf	BACKFILL
Bldg	BUILDING
Blk	BLACK
BLM	BRIDGE-LOG MILE
Blvd	BOULEVARD
BM	BENCH MARK
BMP	BEST MANAGEMENT PRACTICE
Bot	BOTTOM

B continued

BP	BOOSTER PUMP, BYPASS
BPA	BACKFLOW PREVENTER ASSEMBLY
BPB	BICYCLE PUSH BUTTON
BPE	BACKFLOW PREVENTER ENCLOSURE
B/PI	BRASS/PLASTIC
Br	BRIDGE
Brg	BEARING
BTU	BRITISH THERMAL UNIT
BV	BALL VALVE
BVC	BEGIN VERTICAL CURVE
BW	BARBED WIRE

C

C	CONDUIT, CHANNEL (STRUCTURAL STEEL SHAPE)
CAA	CABLE ANCHOR ASSEMBLY
CAP	CORRUGATED ALUMINUM PIPE
CAPA	CORRUGATED ALUMINUM PIPE ARCH
CARV	COMBINATION AIR RELEASE VALVE
CAS	CONSTRUCTION AREA SIGN
Ca+6	CATEGORY 6 AUGMENTED CABLE
CB	CONCRETE BARRIER, CIRCUIT BREAKER, COUPLING BAND, COMPOST BERM
CBW	CONCRETE BLOCK WALL
C-C	CENTER TO CENTER
CCA	CAM COUPLER ASSEMBLY
CCTV	CLOSED CIRCUIT TELEVISION
CEC	CONTROLLER ENCLOSURE CABINET
CG	CENTER OF GRAVITY
CHDPE	CORRUGATED HIGH DENSITY POLYETHYLENE
Chnl	CHANNEL
CI	CAST IRON
CIDH	CAST-IN-DRILLED-HOLE
CIP	CAST-IN-PLACE, CAST IRON PIPE
CIPCP	CAST IN PLACE CONCRETE PIPE
CISS	CAST-IN-STEEL-SHELL
CJP	COMPLETE JOINT PENETRATION
Ckt	CIRCUIT
CL	CHAIN LINK
CL-6	CHAIN LINK FENCE (6 FT)
CL	CLASS
Clr	CLEAR, CLEARANCE
CM	CENTER MARGIN LIGHT
CMP	CORRUGATED METAL PIPE
CMS	CHANGEABLE MESSAGE SIGN
CNC	CONTROL AND NEUTRAL CONDUCTORS
CntI	CONTROL
Co	COUNTY
Col	COLUMN
Comm	COMMUNICATION
Conc	CONCRETE
Conn	CONNECTOR
Const	CONSTRUCT, CONSTRUCTION
Cont	CONTINUOUS
Coord	COORDINATE
CP	CANDLEPOWER, CATCH POINT, COPPER PIPE
Cr	CREEK
CRCP	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT

C continued

CRSP	CONCRETED ROCK SLOPE PROTECTION
CS	COMPOST SOCK, COUNT STATION
CSC	CONDUCTOR SIGNAL CABLE
CSP	CORRUGATED STEEL PIPE
CSPA	CORRUGATED STEEL PIPE ARCH
CST	CENTER STRIP
Ct	COURT
CTB	CEMENT TREATED BASE
CTID	CALTRANS IDENTIFICATION
CTPB	CEMENT TREATED PERMEABLE BASE
CTPM	CEMENT TREATED PERMEABLE MATERIAL
Ctrs	CENTERS
Culv	CULVERT
CV	CHECK VALVE

D

D	DEPTH, DIRECTION (IN PERCENT) OF HEAVIER TRAFFIC FLOW
DbI	DOUBLE
DD	DOWNDRAIN
Deg	DEGREE
Del	DELINEATOR
Det	DETAIL, DETOUR
DF	DOUGLAS FIR
DG	DECOMPOSED GRANITE
DHV	DESIGN HOURLY VOLUME
DI	DRAINAGE INLET, DROP INLET
Dia	DIAMETER
Diaph	DIAPHRAGM
DIP	DUCTILE IRON PIPE
Dist	DISTANCE, DISTRICT
DIT	DRIP IRRIGATION TUBING
DLC	LOOP DETECTOR LEAD-IN CABLE
DMBB	DOUBLE METAL BEAM BARRIER
DN	DIAMETER NOMINAL
Dr	DRIVE
DTBB	DOUBLE THRIE BEAM BARRIER
DVA	DRIP VALVE ASSEMBLY
Dwy	DRIVEWAY

E

E	EAST
Ease	EASEMENT
EB	END OF BRIDGE, EASTBOUND
EC	END HORIZONTAL CURVE, EROSION CONTROL
ECR	END CURB RETURN
ECTC	EROSION CONTROL TECHNOLOGY COUNCIL
ED	EDGE DRAIN
EDC	EDGE DRAIN CLEANOUT
EDO	EDGE DRAIN OUTLET
EDV	EDGE DRAIN VENT
Elec	ELECTROLIER
Elect	ELECTRIC, ELECTRICAL
Elev	ELEVATION
EII	ELBOW
Emb	EMBANKMENT
EMS	EXTINGUISHABLE MESSAGE SIGN
Encl	ENCLOSURE

E continued

Engr	ENGINEER
EOD	EDGE OF DECK
EP	EDGE OF PAVEMENT
Eq	EQUATION
ERS	EARTH RETAINING STRUCTURE
ES	EDGE OF SHOULDER
ES-1	ETHERNET SWITCH TYPE 1
ES-2	ETHERNET SWITCH TYPE 2
ESA	ENVIRONMENTALLY SENSITIVE AREA
ESAL	EQUIVALENT SINGLE AXLE LOADS
EST	END STRIP
Estb	ESTABLISHMENT
ETW	EDGE OF TRAVELED WAY
EVC	END VERTICAL CURVE
EVUC	EMERGENCY VEHICLE UNIT CABLE
EVUD	EMERGENCY VEHICLE UNIT DETECTOR
EW	ENDWALL
Exc	EXCAVATION
Exist	EXISTING
Exp	EXPANSION
Exp Jt	EXPANSION JOINT
Ext	EXTERIOR
Exwy	EXPRESSWAY

F

F	FILL, FULL CIRCLE
F & C	FRAME AND COVER
F & G	FRAME AND GRATE
FB	FLOOR BEAM, FLASHING BEACON
FBE	FLASHING BEACON ENCLOSURE
FBS	FLASHING BEACON WITH SLIP BASE
FCV	FLOW CONTROL VALVE
Fdn	FOUNDATION
FDU	FIBER DISTRIBUTION UNIT
FEBT	FACING EASTBOUND TRAFFIC
Fert	FERTILIZER
FES	FLARED END SECTION
FF	FILTER FABRIC
FG	FINISH GRADE
FH	FIRE HYDRANT, FLEXIBLE HOSE
Fig	FIGURE
FIPT	FEMALE IRON PIPE THREAD
FIS	FERTILIZER INJECTOR SYSTEM
FL	FLOW LINE
FNBT	FACING NORTHBOUND TRAFFIC
FO	FIBER OPTIC
FOB	FREE ON BOARD
FOC	FACE OF CONCRETE, FIBER OPTIC CABLE
FOSE	FIBER OPTIC SPLICE ENCLOSURE
F/P	FULL/PART CIRCLE
FR	FIBER ROLL
Fr Rd	FRONTAGE ROAD
FS	FAR SIDE, FINISHED SURFACE, FLOW SENSOR

FSBT	FACING SOUTHBOUND TRAFFIC
FSC	FLOW SENSOR CABLE
Ftg	FOOTING
FV	FLUSH VALVE
FWBT	FACING WESTBOUND TRAFFIC
Fwy	FREEWAY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	AMA, CAL	26, 49	VAR	11	16

Davinder Minhas
REGISTERED CIVIL ENGINEER

April 20, 2026
PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER

Davinder Minhas
No. C70022
Exp. 9-30-26
CIVIL

TO ACCOMPANY PLANS DATED July 6, 2026

2025 REVISED STANDARD PLAN RSP A3B

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ABBREVIATIONS
(SHEET 2 OF 3)

RSP A3B DATED APRIL 20, 2026 SUPERSEDES STANDARD PLAN A3B
DATED SEPTEMBER 19, 2025 - PAGE 2 OF THE STANDARD PLANS BOOK DATED 2025.

REVISED STANDARD PLAN RSP A3B

G			K			N continued			P continued		
G	GROOVE,					NCN	NO COMMON NAME		PM	POST MILE,	
g	EQUIPMENT GROUNDING CONDUCTOR					NL	NOZZLE LINE		PN	TIME FROM NOON TO MIDNIGHT	
Ga	ACCELERATION DUE TO GRAVITY					NO	NORMALLY OPEN		POC	PAVING NOTCH	
Gaiv	GAUGE	L	LENGTH,			No.	NUMBER (MUST HAVE PERIOD)			POINT OF HORIZONTAL CURVE,	
GARV	GALVANIZED	Lat	ANGLE (STRUCTURAL STEEL SHAPE)			Nos.	NUMBERS (MUST HAVE PERIOD)		POE	PEDESTRIAN OVERCROSSING	
GARVA	GARDEN VALVE	LCB	LATITUDE			NPS	NOMINAL PIPE SIZE		POT	POWER OVER ETHERNET	
GB	GARDEN VALVE ASSEMBLY	LED	LEAN CONCRETE BASE			NPT	NATIONAL PIPE THREAD		POVC	POINT OF TANGENT	
GFCI	GROUND BUS	LMA	LIGHT EMITTING DIODE			NS	NEAR SIDE		PP	POINT OF VERTICAL CURVE	
GM	GROUND FAULT CIRCUIT INTERRUPTER	Ln	LUMINAIRE MAST ARM			NTS	NOT TO SCALE			PIPE PILE,	
GP	GRAVEL MULCH	Loc	LANE							PLASTIC PIPE,	
GPH	GRADING PLANE	Long	LOCATION							POWER POLE	
GPM	GALLONS PER HOUR	Longit	LAYOUT LINE							PREFORMED PERMEABLE LINER	
GR	GALLONS PER MINUTE	LPS	LONGITUDE							PERFORATED PLASTIC PIPE	
Grn	GUARD RAILING	LS	LONGITUDINAL							PRESSURE RATED	
GSP	GREEN	Lt	LOW PRESSURE SODIUM							POINT OF REVERSE CURVE	
Gtr	GALVANIZED STEEL PIPE	Ltg	LUMP SUM							PAVEMENT REINFORCING FABRIC	
GV	GUTTER	Lum	LEFT							PRESSURE RELIEF VALVE	
	GATE VALVE		LIGHTING							PRESSURE REGULATING VALVE	
H			M			O			P		
H	HEIGHT,										
HAR	HALF CIRCLE	M	METERED								
h, hr	HIGHWAY ADVISORY RADIO	Maint	MAINTENANCE								
HD	HOUR	MAS	MAST ARM MOUNTING SIDE ATTACHMENT								
HDPE	HORIZONTAL DRAIN	MAT	MAST ARM MOUNTING TOP ATTACHMENT								
hdwl	HIGH DENSITY POLYETHYLENE	Max	MAXIMUM								
Hex	HEADWALL	MB	METAL BEAM								
Hex Hd	HEXAGONAL	MBB	METAL BEAM BARRIER								
HMA	HEXAGONAL HEAD	MBGR	METAL BEAM GUARD RAILING								
Horiz	HOT MIX ASPHALT	MBPS	MANUAL BYPASS SWITCH								
HOV	HORIZONTAL	MCV	MANUAL CONTROL VALVE								
HP	HIGH OCCUPANCY VEHICLE	Med	MEDIAN								
	HINGE POINT,	MGS	MIDWEST GUARDRAIL SYSTEM								
HPL	HORSEPOWER	MH	MANHOLE								
HPS	HIGH PRESSURE LINE	MIC	MASTER IRRIGATION CONTROLLER								
	HIGH PERFORMANCE STEEL,	Min	MINIMUM								
	HIGH PRESSURE SODIUM	MIPT	MALE IRON PIPE THREAD								
HS	HIGH STRENGTH	Misc	MISCELLANEOUS								
HSS	HOLLOW STRUCTURAL SECTION	Misc I & S	MISCELLANEOUS IRON AND STEEL								
HW	HEADWALL,	Mkr	MARKER								
	HIGH WATER	M/M	MULTIPLE TO MULTIPLE TRANSFORMER								
HWM	HIGH WATER MARK	Mod	MODIFIED,								
Hwy	HIGHWAY		MODIFY								
I			N			O			P		
IB	IMPORTED BORROW	Mon	MONUMENT								
IC	IRRIGATION CONTROLLER	MP	METAL PLATE								
ICC	IRRIGATION CONTROLLER(S) IN	MPGR	METAL PLATE GUARD RAILING								
	CONTROLLER ENCLOSURE CABINET	MR	MOVEMENT RANGE								
ID	INSIDE DIAMETER	MRS	MICROWAVE RADAR SYSTEM								
IF	INSIDE FACE	MSE	MECHANICALLY STABILIZED EMBANKMENT								
IFS	IRRIGATION FILTRATION SYSTEM	M+	MOUNTAIN,								
IISNS	INTERNALLY ILLUMINATED STREET NAME SIGN		MOUNT								
Int	INTERIOR	Mtg	MOUNTING								
Inv	INVERT	M+I	MATERIAL								
IP	INTERNET PROTOCOL	MV	MERCURY VAPOR LIGHTING FIXTURE								
IPS	IRON PIPE SIZE	MVDS	MICROWAVE VEHICLE DETECTION SYSTEM								
IPT	IRON PIPE THREAD	MVP	MAINTENANCE VEHICLE PULLOUT								
Irr	IRRIGATION										
ISL	INDUCTION SIGN LIGHTING										
J			N			O			P		
Jct	JUNCTION	N	NORTH,								
JP	JOINT POLE		NEUTRAL (GROUNDED CONDUCTOR)								
JPCP	JOINTED PLAIN CONCRETE PAVEMENT	NB	NORTHBOUND,								
JS	JUNCTION STRUCTURE		NEUTRAL BUS								
J+	JOINT	NC	NORMALLY CLOSE								

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	AMA, CAL	26, 49	VAR	12	16

Davinder Minhas
REGISTERED CIVIL ENGINEER

April 20, 2026
PLANS APPROVAL DATE

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Davinder Minhas
No. C70022
Exp. 9-30-26
CIVIL

STATE OF CALIFORNIA

TO ACCOMPANY PLANS DATED July 6, 2026

UNITS OF MEASUREMENT:

Some of the units used in the project plan quantity tables and in the Bid Item List are:

TABLE A

UNIT	DEFINITION
ACRE	ACRE
CF	CUBIC FOOT
CY	CUBIC YARD
EA	EACH
GAL	GALLON
LB	POUND
LF	LINEAR FOOT
LNMI	LANE MILE
LS	LUMP SUM
SQFT	SQUARE FOOT
SQYD	SQUARE YARD
STA	100 FEET
TON	2,000 POUNDS

Some of the units used in the plans other than in the project plan quantity tables are:

TABLE B

UNIT	DEFINITION
ksi	KIPS PER SQUARE INCH
ksf	KIPS PER SQUARE FOOT
psi	POUNDS PER SQUARE INCH
psf	POUNDS PER SQUARE FOOT
lb/ft ³ , pcf	POUNDS PER CUBIC FOOT
tsf	TONS PER SQUARE FOOT
mph, MPH *	MILES PER HOUR
oz	OUNCE
lb	POUND
kip	1,000 POUNDS
cal	CALORIE
ft	FOOT OR FEET
gal	GALLON

* For use on a sign panel only

Some of the units used in the Electrical plans are:

TABLE C

UNIT	DEFINITION
A	AMPERE
bps	BITS PER SECOND
Bps	BYTES PER SECOND
FC	FOOT-CANDLE
Hz	HERTZ
k *	KILO
kV	KILOVOLT
kVA	KILOVOLT-AMPERE
kW	KILOWATT
M *	MEGA
m *	MILLI
mA	MILLIAMPERE
min	MINUTE
p *	PICO
s	SECOND
V	VOLT
VA	VOLT-AMPERE
V(dc)	VOLT (DIRECT CURRENT)
V(ac)	VOLT (ALTERNATING CURRENT)
W	WATT
Ω	OHM
μ *	MICRO

* Prefix to a unit

SYMBOLS:

Commonly used symbols for U.S. customary units

TABLE D

SYMBOL	DEFINITION
@	AT
℄	CENTERLINE
∅	NOMINAL DIAMETER, DIAMETER, PHASE
ℙ	PLATE
ℒ	STATIONLINE

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ABBREVIATIONS
(SHEET 3 OF 3)

RSP A3C DATED APRIL 20, 2026 SUPERSEDES STANDARD PLAN A3C
DATED SEPTEMBER 19, 2025 - PAGE 3 OF THE STANDARD PLANS BOOK DATED 2025.

REVISED STANDARD PLAN RSP A3C

R continued

Rel	RELOCATE
Repl	REPLACEMENT
Req	REQUIRED
Ret	RETAINING
Rev	REVISED, REVISION
RHMA	RUBBERIZED HOT MIX ASPHALT
RICS	REMOTE IRRIGATION CONTROL SYSTEM
Riv	RIVER
RM	ROAD-MIXED, RAMP METERING
RP	RADIUS POINT, REFERENCE POINT
RPU	REMOTE PROCESSING UNIT
RR	RAILROAD
RRFB	RECTANGULAR RAPID FLASHING BEACON
RSP	ROCK SLOPE PROTECTION, REVISED STANDARD PLAN
Rt	RIGHT
Rte	ROUTE
RW	REDWOOD, RETAINING WALL
R/W	RIGHT OF WAY
RWIS	ROADSIDE WEATHER INFORMATION SYSTEM
Rwy	RAILWAY

S

S	SOUTH, SLIP, SUPPLEMENT
SAE	STRUCTURE APPROACH EMBANKMENT
Salv	SALVAGE
SAPP	STRUCTURAL ALUMINUM PLATE PIPE
SB	SOUTHBOUND, SLIP BASE
SC	SAND CUSHION
S/C	SAW CUT LINE
Sch	SCHEDULE
SCSP	SLOTTED CORRUGATED STEEL PIPE
SD	STORM DRAIN
Sec	SECOND, SECTION
Sep	SEPARATION
SG	SUBGRADE
Shld	SHOULDER
Sht	SHEET
SIC	SIGNAL INTERCONNECT CABLE
Sig	SIGNAL
Sim	SIMILAR
SLI	SENSOR LEAD-IN CABLE
SM	SELECTED MATERIAL
SMA	SIGNAL MAST ARM
SMFO	SINGLE MODE FIBER OPTIC
SNS	STREET NAME SIGN
SP	STAND PIPE, SERVICE POINT
Spec	SPECIAL, SPECIFICATION(S)
SPP	SLOTTED PLASTIC PIPE

S continued

Sq	SQUARE
SS	SLOPE STAKE
SSBM	STRAP AND SADDLE BRACKET METHOD
SSD	STRUCTURAL SECTION DRAIN
SSPA	STRUCTURAL STEEL PLATE ARCH
SSPP	STRUCTURAL STEEL PLATE PIPE
SSPPA	STRUCTURAL STEEL PLATE PIPE ARCH
SSRP	STEEL SPIRAL RIB PIPE
SST	SIDE STRIP
St	STREET
Sta	STATION
STBB	SINGLE THRIE BEAM BARRIER
STC	SENSOR TRANSMISSION CABLE
Std	STANDARD
Str	STRUCTURE
Surf	SURFACING
SV	SPLICE VAULT
SW	SIDEWALK, SOUND WALL
Swr	SEWER
Sym	SYMMETRICAL
S4S	SURFACE 4 SIDES

T

T	SEMI-TANGENT, THIRD CIRCLE, THREAD, TRUCK TRAFFIC VOLUME (IN PERCENT) OF DESIGN HOURLY VOLUME
Tan	TANGENT
TB	TERMINAL BOARD
TBB	THRIE BEAM BARRIER
Tbr	TIMBER
T&B	TOP AND BOTTOM
TC	TELEPHONE CABLE
TCB	TRAFFIC CONTROL BOX
TCE	TEMPORARY CONSTRUCTION EASEMENT
TDC	TELEPHONE DEMARCATION CABINET
Temp	TEMPORARY, TEMPERATURE, TEMPERED
TG	TOP OF GRADE
TI	TRAFFIC INDEX
TLS	TRUCK LOADING STAND PIPE
TMS	TRAFFIC MONITORING STATION
TOS	TRAFFIC OPERATIONS SYSTEM
Tot	TOTAL
TP	TELEPHONE POLE
TPB	TREATED PERMEABLE BASE
TPM	TREATED PERMEABLE MATERIAL
TQ	THREE-QUARTER CIRCLE
Trans	TRANSITION
TRM	TURF REINFORCEMENT MAT
TS	TRANSVERSE, TRAFFIC SIGNAL, TUBULAR STEEL
TT	TWO-THIRDS CIRCLE
TWSA	TREE WELL SPRINKLER ASSEMBLY
Typ	TYPICAL

U

UC	UNDERCROSSING
UD	UNDERDRAIN
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
UP	UNDERPASS
UPS	UNINTERRUPTIBLE POWER SUPPLY
UPSC	UNINTERRUPTIBLE POWER SUPPLY CONTROLLER
UPSM	UPS MODE

V

V	VALVE, DESIGN SPEED
Var	VARIABLE, VARIES
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
Veh	VEHICLE
Vert	VERTICAL
Via	VIADUCT
VIVDS	VIDEO IMAGE VEHICLE DETECTION SYSTEM
Vol	VOLUME

W

W	WEST, WIDTH
W/	WITH
W/O	WITHOUT
WB	WESTBOUND
WH	WEEP HOLE
Wht	WHITE
WIM	WEIGH-IN-MOTION
WM	WIRE MESH, WATER METER
WS	WATER SURFACE, WYE STRAINER
WSA	WYE STRAINER ASSEMBLY
WSP	WELDED STEEL PIPE
Wt	WEIGHT
WV	WATER VALVE
WW	WINGWALL
WWLOL	WINGWALL LAYOUT LINE
WWM	WELDED WIRE MESH

X

Xfmr	TRANSFORMER
X Sec	CROSS SECTION
Xing	CROSSING

Y

Yr	YEAR
Yrs	YEARS

Z

2025 REVISED STANDARD PLAN RSP A3C

LEGEND:

-  AUTOMATED FLAGGING ASSISTANCE DEVICE (AFAD)
-  FLAGGER
-  PORTABLE FLASHING BEACON
-  TEMPORARY TRAFFIC CONTROL SIGN
-  TRAFFIC CONE

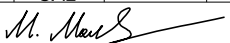
SIGN PANEL SIZE (Min)	
A	48" x 48"
B	30" x 30"
C	36" x 18"
D	36" x 42"
E	20" x 7"

NOTES:

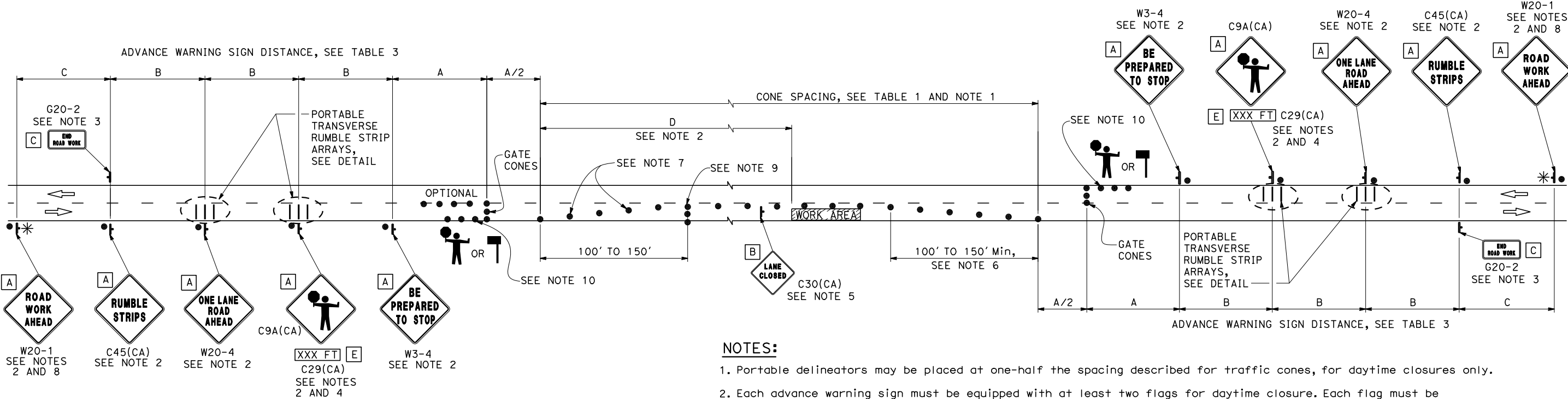
See Standard Plan T9 for tables.

Use cone spacing X for taper segment, Y for tangent segment or Z for conflict situations 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.

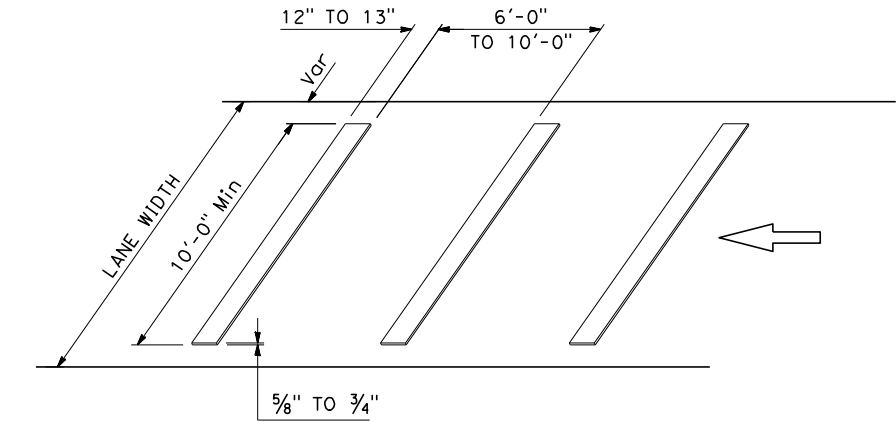
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	AMA, CAL	26, 49	VAR	14	16
 REGISTERED CIVIL ENGINEER April 20, 2026 PLANS APPROVAL DATE THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET. Mike Maury No. C83437 Exp. 3-31-27 CIVIL STATE OF CALIFORNIA					

TO ACCOMPANY PLANS DATED July 6, 2026



NOTES:

- Portable delineators may be placed at one-half the spacing described for traffic cones, for daytime closures only.
- Each advance warning sign must be equipped with at least two flags for daytime closure. Each flag must be at least 16" x 16" in size and must be orange or fluorescent red-orange in color. Place flashing beacons at the locations shown for lane closure during hours of darkness.
- Place a G20-2 "END ROAD WORK" sign at the end of the lane closure unless the end of work area is obvious or ends within the limits of a larger projects.
- An optional C29(CA) sign may be placed below the C9A(CA) sign.
- Place C30(CA) "LANE CLOSED" sign at 500-foot to 1000-foot intervals throughout the work area. C30(CA) signs are optional if the work area is visible from the flagger station.
- The Engineer may authorize a reduced length to address site conditions.
- Place either traffic cones or barricades on the taper. Barricades must be Type I, II, or III.
- If C45(CA) is not used, measure distance C from W20-4.
- Place a minimum of 3 cones transversely across each closed lane and shoulder at each location where a taper across a traffic lane ends and every 1000' as shown. Two Type II barricades may be used instead of the 3 cones. The cones or barricades on the closed shoulder may be shifted from the transverse alignment to provide access to the work area.
- Place a minimum of 4 cones at 50-foot spacing in advance of flagger station.



PORTABLE TRANSVERSE RUMBLE STRIP ARRAY DETAIL

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL SYSTEM
WITH REVERSIBLE CONTROL ON
TWO LANE CONVENTIONAL HIGHWAYS

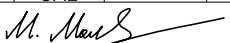
NO SCALE

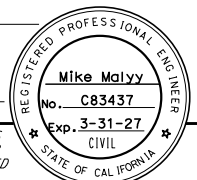
RSP T13 DATED APRIL 20, 2026 SUPERSEDES STANDARD PLAN T13
DATED SEPTEMBER 19, 2025 - PAGE 331 OF THE STANDARD PLANS BOOK DATED 2025.

REVISED STANDARD PLAN RSP T13

2025 REVISED STANDARD PLAN RSP T13

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	AMA, CAL	26, 49	VAR	15	16


REGISTERED CIVIL ENGINEER



April 20, 2026
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.

TO ACCOMPANY PLANS DATED July 6, 2026

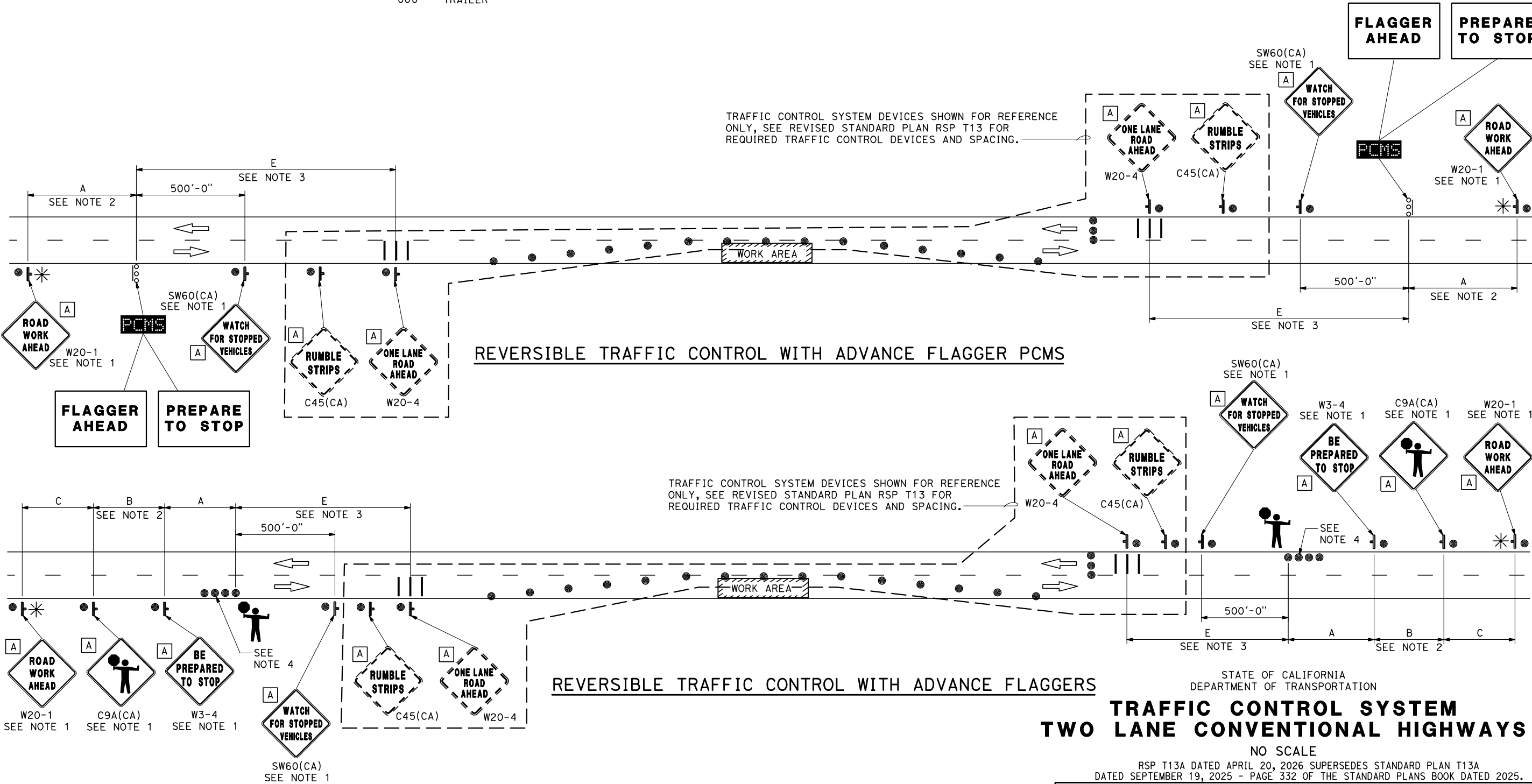
SIGN PANEL SIZE (Min)	
A	48" x 48"

LEGEND:

-  FLAGGER
-  PORTABLE CHANGEABLE MESSAGE SIGN
-  PORTABLE FLASHING BEACON
-  TEMPORARY TRAFFIC CONTROL SIGN
-  TRAFFIC CONE
-  TRAILER

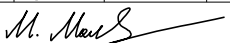
NOTES:

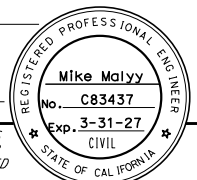
- Each advance warning sign must be equipped with at least two flags for daytime closure. Each flag must be at least 16" x 16" in size and must be orange or fluorescent red-orange in color. Place flashing beacons at the locations shown for lane closure during hours of darkness.
- See Standard Plan T9, Table 3 for advanced warning sign spacing.
- If distance E is 1000' or more, place SW60(CA) sign as shown. Place a SW60(CA) sign for every additional 1000' at 1000-foot intervals.
- Place a minimum of 4 cones at 50-foot spacing in advance of flagger station.



2025 REVISED STANDARD PLAN RSP T13A

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	AMA, CAL	26, 49	VAR	16	16


REGISTERED CIVIL ENGINEER



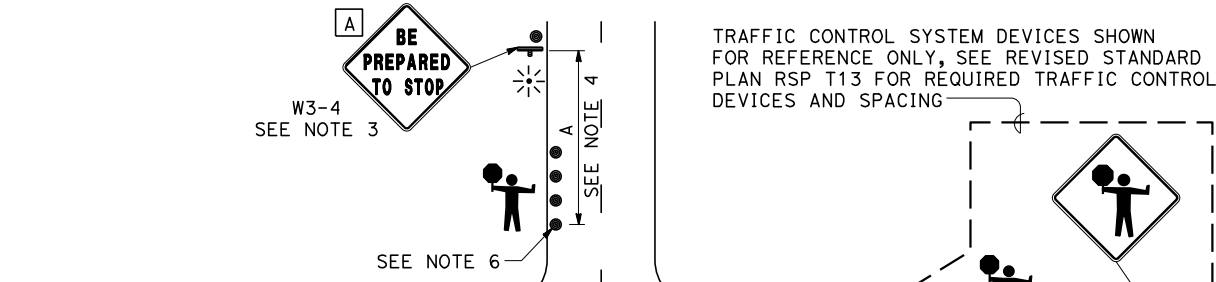
April 20, 2026
PLANS APPROVAL DATE

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.

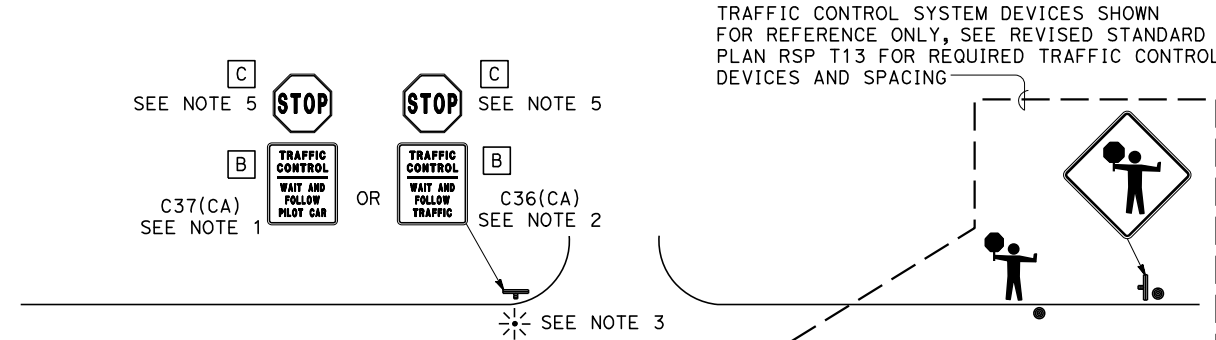
TO ACCOMPANY PLANS DATED July 6, 2026

- NOTES:**
- Place C37(CA) sign when pilot car is used.
 - Place C36(CA) sign when pilot car is not used.
 - Each advance warning sign must be equipped with at least two flags for daytime closure. Each flag must be at least 16" x 16" in size and must be orange or fluorescent red-orange in color. Place flashing beacons at the locations shown for lane closure during hours of darkness.
 - See Standard Plan T9, Table 3 for advance warning sign spacing.
 - Place temporary "STOP" sign when no existing "STOP" sign is installed.
 - Place a minimum of 4 cones at 50-foot spacing in advance of flagger station.

TRAFFIC CONTROL SYSTEM DEVICES SHOWN FOR REFERENCE ONLY, SEE REVISED STANDARD PLAN RSP T13 FOR REQUIRED TRAFFIC CONTROL DEVICES AND SPACING



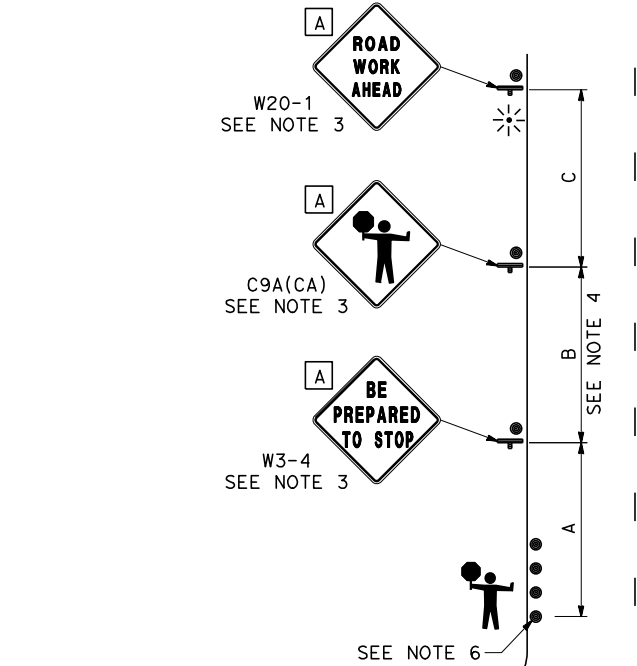
**REVERSIBLE TRAFFIC CONTROL WITH ADDITIONAL FLAGGERS
FOR SIDE ROADS AND BUSINESS DRIVEWAYS**



**REVERSIBLE TRAFFIC CONTROL WITH SIGNS
FOR RESIDENTIAL DRIVEWAYS AND LOW VOLUME SIDE ROADS**

SIGN PANEL SIZE (Min)	
A	48" x 48"
B	36" x 42"
C	30" x 30"

- LEGEND:**
-  FLAGGER
 -  PORTABLE FLASHING BEACON
 -  TEMPORARY TRAFFIC CONTROL SIGN
 -  TRAFFIC CONE



**REVERSIBLE TRAFFIC CONTROL WITH ADDITIONAL FLAGGERS
AT HIGH VOLUME INTERSECTIONS**

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL SYSTEM
TWO LANE CONVENTIONAL HIGHWAYS**

NO SCALE

RSP T13B DATED APRIL 20, 2026 SUPERSEDES STANDARD PLAN T13B
DATED SEPTEMBER 19, 2025 - PAGE 333 OF THE STANDARD PLANS BOOK DATED 2025.

REVISED STANDARD PLAN RSP T13B

2025 REVISED STANDARD PLAN RSP T13B