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

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Link to the 2025 Edition of the Standard Specifications	Page 26

The Bid Package contains 15 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. 01A6677
Quote Due Date: September 21, 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
1727 30th Street, MS 65
SACRAMENTO, CA 95816-7006
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General Contractors Instructions/Checklist

Solicitation No. 01A6677

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-qnvd6IAxWPKkQIHcH3HiIQFnoECAcQAQ&usg=AOvVaw37dYPswR47anIRTKPDAvXb.
- ☐ 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.

STATE OF CALIFORNIA - DEPARTMENT OF GENERAL SERVICES

STANDARD AGREEMENT

STD 213 (Rev. 04/2020)

AGREEMENT NUMBER	PURCHASING AUTHORITY NUMBER (If Applicable)
01A6677	

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.

INFORMATION HANDOUT

For Contract No. 01A6677
At 01-Men-20-20.0

Identified by
Project ID 0124000212
Project EA 01-0P2504

AGREEMENTS

Mendocino Redwood Company, Lease Agreement and Insurance Requirements

OTHER INFORMATION

Supplemental Access Information

STANDARD LEASE COMMUNICATIONS SITE

LEASE COVERING PREMISES LOCATED AT MRC FOREST SITES – Upper 20 Mendocino County
LESSOR'S FED. TAX. I.D., NO. OR SOCIAL SECURITY NO. [redacted]
TENANT AGENCY California Department of Transportation 56LA56012700

THIS LEASE is made by and between MENDOCINO REDWOOD COMPANY, LLC a Delaware limited liability company hereinafter called the LESSOR, and the State of California, Department of Transportation, hereinafter called the STATE;

WITNESSETH

DESCRIPTION

1. The LESSOR hereby leases unto the STATE and the STATE hereby hires from the LESSOR those certain Premises consisting of a plot of land for the installation of micro radio equipment and an antenna on Lessor's timberlands situated in Mendocino County, State of California, more particularly described as follows:

A. The Premises consist of a site described in Exhibit A, attached hereto.

B. A certain amount of site preparation is necessary to make the plot of land usable for the intended purpose of installing radio equipment. The preparatory tasks and LESSOR compensation for such tasks are described in Exhibit A. All site preparation work performed by the Lessor shall be completed within 60 days after the Commencement Date of this agreement.

C. The radio site is located on LESSOR's timberlands in close proximity to State Highway 20. Access to the site will be over LESSOR's logging roads which LESSOR hereby grants the right for the STATE to use for installation and servicing the site. Throughout the term of this Lease periodic road maintenance will be required to keep the site accessible to the STATE for maintenance and repair. The road designated for site access, period of use, type of vehicles and obligations for road maintenance accepted by LESSOR and compensation for performance of such tasks are described in Exhibit A.

TERM

2. The term of this lease shall commence on November 1st, 2024 (the "Commencement Date") and shall end on June 30, 2029 (the "Expiration Date"), unless sooner

terminated pursuant to the terms of this Lease.

A. The Commencement Date shall be the next first of the month after the last party signs and dates this lease on Page 7. The Commencement Date may be adjusted from this determination by the mutual agreement of both parties to accommodate a STATE budget impasse.

HOLDOVER

3. In the event the STATE remains in possession of the Premises after the expiration of the Lease Term, or any extension thereof, this Lease shall be automatically extended on a month-to-month basis, subject to thirty (30) days termination by either party, and otherwise on the terms and conditions herein specified, so far as applicable.

EARLY TERMINATION

4. LESSOR and STATE may terminate this lease under the following conditions:

A. LESSOR reserves the right at any time after the third-year anniversary of this Lease during the remaining term thereof to terminate this Lease on giving STATE not less than ninety (90) days prior written notice of intention to do so, and in the event of exercise of such termination, LESSOR shall refund to STATE any prepaid rent for periods after the expiration of such sixty-day period.

B. STATE shall have the right at any time during the term hereof to terminate this Lease on giving LESSOR not less than sixty (60) days prior written notice of intention to do so, and in the event of exercise of such termination, In the event that STATE terminates this Lease prior to the Expiration Date, STATE shall pay to Lessor an amount of liquidated damages equal to six months' Rent calculated from the date of termination.

C. If a catastrophic event makes the Access Road described in Exhibit A impassable for passage of a standard pickup truck without repairs above and beyond the Annual Maintenance described in Exhibit A, LESSOR, at its sole discretion, shall determine if it will repair the road at its own expense to a passable condition as well as the schedule for such repairs. During the period that the road is not passable by a standard pickup truck STATE may use alternative means of accessing the Premises that are agreeable to LESSOR. If the closing of the Access Road and the failure of the STATE to secure acceptable alternative access to the Premises makes the radio site unusable for STATE purposes for 60 days, STATE may terminate this Lease by giving LESSOR not less than sixty (60) days prior written notice if intention to do so, and in the event of exercise of such termination, LESSOR shall refund to STATE any prepaid rent for periods after the expiration of such sixty-day period. Upon termination of this Lease under such conditions, STATE agrees to implement the provisions of Paragraph 19 for removal of improvements and restoration of the Premises.

(a) A catastrophic event is defined as either a major landslide, major slip out, washouts, falling timber, or acts of God. A major landslide

is defined as blockage of the Access Road by 20 (twenty) cubic yards or more of displaced earth, gravel or rock material preventing the passage of a standard pickup truck across the affected area. A major slipout is defined as the loss of 20 (twenty) cubic yards or more of road base or earth fill material from the access road preventing the passage of a standard pickup truck through the affected area.

RENT

5. [redacted]

NOTICES

6. All notices and correspondence herein provided to be given, or which may be given by either party to the other, shall be deemed to have been fully given when made in writing and deposited in the United States Mail, certified and postage prepaid and addressed as follows:

To the LESSOR: Mendocino Redwood Company

Attn: Contract Management
P.O. Box 996
Ukiah, CA 95492

To the STATE: Department of Transportation
Office of Radio Communications
1120 N Street, Mail Station 77
Sacramento, CA 95814
Ferdinand Milanes (916) 837-8755

ALL NOTICES AND CORRESPONDENCE MUST REFERENCE PREMISES ADDRESS

Nothing herein contained shall preclude the giving of any such written notice by personal service. The address to which notices and correspondence shall be mailed to either party may be changed by giving written notice to the other party.

SUBLET & ASSIGN

7. The STATE shall not assign or sublease this lease without prior written consent of the LESSOR.

QUIET POSSESSION

8. The LESSOR agrees that the STATE, while keeping and performing the covenants herein contained, shall at all times during the existence of this lease, peaceably and quietly have, hold, and enjoy the Premises without suit, trouble, or hindrance from the LESSOR or any person claiming under LESSOR.

INSPECTION

9. The LESSOR reserves the right to enter and inspect the Premises at reasonable times, and to render services and make any necessary repairs to the Premises.

INDEMNITY

10. To the extent permitted by law each party does hereby agree to indemnify and save each other, its officers, agents, and employees, harmless from any loss, damage, or liability which shall be caused by or may arise from the negligence, willful misconduct or strict liability of such party, or its agents, employees, representatives, contractors, and from all claims, demands, and causes of action that may be brought against each party, its successors, or assigns, caused by, arising out of, or in any way connected with the exercise by the parties of any of the rights herein granted. By law, State is generally not able to indemnify third parties.

INSURANCE

11. LESSOR understands and agrees to the following:

A. The State of California has elected to be insured for its motor vehicle and general liability exposures through a self-insurance program. The State Attorney General

administers the general liability program through an annual appropriation from the General Fund. The Office of Risk and Insurance Management administers the motor vehicle liability program.

B. Under this form of insurance, the STATE and its employees (as defined in Section 810.2 Government Code) are insured for any tort liability that may develop through carrying out official activities, including STATE official operations on non-STATE owned property. Should any claims arise by reason of such operations or under an official contract or license agreement, they should be referred to the Attorney General, State of California, Tort Liability Section, 1515 "K" Street, Suite 511, Sacramento, California 95814. Claims arising from operations of a STATE-owned vehicle should be forwarded to the Office of Risk and Insurance Management, Auto Self-Insurance, 1325 "J" Street, Suite 1800, Sacramento, California 95814.

C. The State of California has entered into a Master Agreement with the State Compensation Insurance Fund to administer workers' compensation benefits for all State employees, as required by the Labor Code.

D. Should the State of California sublease or hire any subcontractors ("Subs") to perform work upon the Premises, all Subs shall throughout the life of this Lease, carry and maintain, at Lessee's expense, the following required insurance coverages:

1. Commercial General Liability coverage extended to include Contractual and Completed Operations, providing Bodily Injury and Property Damage Liability coverage (with respect to automobiles and exposures other than automobiles) with a Combined Single Limit of $2,000,000.00 any one occurrence.

2. Commercial Automobile Liability coverage providing Bodily Injury and Property Damage Liability coverage with Combined Single Limit of $2,000,000.00 any one occurrence.

3. If Subs use employees to perform work which may be allowed under this Lease, sublessee shall provide Statutory Workers' Compensation insurance covering Lessee's employees as required by law. Such coverage shall also provide Coverage B, Employers' Liability limits of at least $2,000,000/$2,000,000/$2,000,000.

4. Prior to performance under this Lease, Lessee shall furnish Lessor (MENDOCINO REDWOOD COMPANY, LLC, P.O. Box 966, Ukiah, CA 95482, Fax: (707) 463-5530), certificate(s) of insurance from an insurer satisfactory to Lessor evidencing compliance with the provisions of this Section, and shall contain the following provisions:

   a. Such insurances shall not be canceled or materially altered without first giving thirty (30) days' written notice to Company;

   b. Such insurances shall be primary to any owned by Company

and any coverage held by Lessor, if any, shall not be required to respond to such liabilities;

c. With respect to subparagraphs (1) and (2) above, Lessor shall be named as an additional insured for operations arising out of this Lease, and:

d. With respect to subparagraphs (1) and (2) above, insurance certificate(s) must be accompanied by the Insurance Company's endorsement form.

SUBBROGATION

12. To the extent authorized by any fire and extended coverage insurance policy issued to LESSOR on the herein Premises, LESSOR hereby waives the subrogation rights of the insurer, and releases the STATE from liability for any loss or damage covered by said insurance.

UTILITIES & SERVICES

13. Electrical service is not available at the Premises. LESSOR shall not be obligated nor does LESSOR agree to provide commercial and standby electric service to STATE.

ADDITION OF SERVICES & UTILITIES

14.

A. It is mutually agreed that the STATE shall have the right to run electric lines, telephone lines and/or other communication facilities to the demised Premises and shall have the right of ingress and egress to and from the same over other lands owned by the LESSOR, adjacent to the demised Premises along the course or courses designated by the LESSOR. The cost of any installation shall not be the responsibility of the LESSOR.

B. If the STATE determines that installation of electric lines is not cost effective it may power the radio equipment with a solar source. Selection of a solar panel location shall be made to minimize any tree removal. After the initial solar panel installation and site preparation work the STATE shall be responsible for limb trimming maintenance of the solar site.

STANDARDS

15. The STATE agrees to install, maintain, and operate its electronic equipment in accordance with the specific site standards and any other statutes pertaining to the use of electronic equipment.

ELIMINATION OF INTERFERENCE

16.

(A) In the event that the STATE'S installation or operation obstructs or interrupts the radio or electronic equipment of the LESSOR, or any tenant at said site, at the time of the STATE's initial

occupancy of the Premises, the State shall, at its sole cost and expense, and upon receipt of written notification, cease the interfering installation or operation. In the event of STATE's inability or refusal to immediately cease such interference, LESSOR may, at its option, immediately terminate this Lease.

(B) LESSOR further agrees it will not lease or rent the use of the Premises to another person or entity if such use would cause interference with STATE's then-in-use frequencies and signals, or with the STATE's equipment, or result in STATE's use of the Premises to causing interference with the other person's or entities' frequencies or signals.

(C) If LESSOR breaches its obligation under (B) above, LESSOR, upon receiving notice from STATE of any such breach, will take all steps necessary to correct and eliminate such interference, including, without limitation, enforcing provisions in any license or other agreement between LESSOR and the other persons or entities causing such interference that compel such persons or entities to cease operation, modify their equipment and/or antennas, or remove their equipment and/or antennas from the facilities or towers owned or leased and/or managed by the LESSOR at the Premises.

(D) Both parties shall comply with the Federal Communications Commission's (FCC) regulations regarding electromagnetic noninterference. Parties agree to notify the other in writing of any interference issue. It shall by the responsibility of the party causing the interference to use its best efforts to resolve the interference issue.

AMENDMENTS & MODIFICATIONS

17. It is mutually understood and agreed that no amendments or modifications of the terms of this lease shall be valid unless made in writing and signed by the parties hereto, and that no oral understanding or agreement not incorporated herein, shall be binding on any of the parties hereto.

SERVICE CONTACTS

18. Within fifteen (15) days after occupancy of the Premises by the STATE, the LESSOR and the STATE shall provide each party with the name, address, and telephone number of an agency or person convenient to the parties as a local source of service with regard to the parties responsibilities under this lease as to repairs, maintenance, and servicing of the Premises and any or all related equipment, fixtures, and appurtenances.

SURRENDOR OF POSSESSION

19. Upon termination of this lease, the STATE will peacefully surrender to the LESSOR the Premises in as good order and condition as when received, except for reasonable use and wear thereof and damage by earthquake, fire, public calamity, the elements, acts of God, or circumstances over which STATE has no control or for which LESSOR is responsible pursuant to this lease. The STATE shall remove any improvements or fixtures placed by it on the Premises and restore any portion of the Premises altered by it, save and except in the event such removal causes damages or injury to the Premises, and then only to the extent of any such damage or injury. In lieu of the removal of any improvement and/or fixture the State may transfer ownership of improvements or fixtures or a portion thereof to Lessor in lieu of payment of any applicable termination fee or State may transfer said improvements or fixtures to Lessor for monetary compensation at fair market value by the mutual agreement of both parties.

ESSENCE OF TIME

20. Time is of the essence of this lease, and the terms and provisions of this lease shall extend to and be binding upon and inure to the benefit of the heirs, executors, administrators, successors, and assigns to the respective parties hereto. All of the parties hereto shall be jointly and severally liable hereunder.

IN WITNESS WHEREOF, this lease has been executed by the parties hereto as of the date written below.

LESSOR

MENDOCINO REDWOOD COMPANY, LLC

APPROVED:

By: _____
John W. Kuhry
Asset Manager

Date: October 9th, 2024

STATE

STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION:

APPROVED:

By: _____
Ferdinand Milanes, Chief
Office of Radio Communications

Date: October 4, 2024

LEGAL

By: _____

Date: 10/4/2024

EXHIBIT A

MRC UPPER 20

SITE LOCATION:

PREMISES DESCRIPTION: That portion of the Northeast quarter of the Southeast quarter of Section 10, Township 17 North, Range 15 West, M.D.B.& M. lying Southerly of the Southern boundary line of the Jackson State Forest.

PREMISES ADDRESS: ASSESSORS PARCEL NUMBER: 021-380-10-00

SITE PREPARATION:

Lessor Shall:

- Remove and trim the identified trees and brush to allow for Southern solar exposure to the site. Southern solar exposure is defined as unobstructed exposure of at least 5 hours of winter sun at the 20ft level of the installed antenna mounting structure.
- Remove brush 6 feet around the planned 12' x 12' site gravel area.

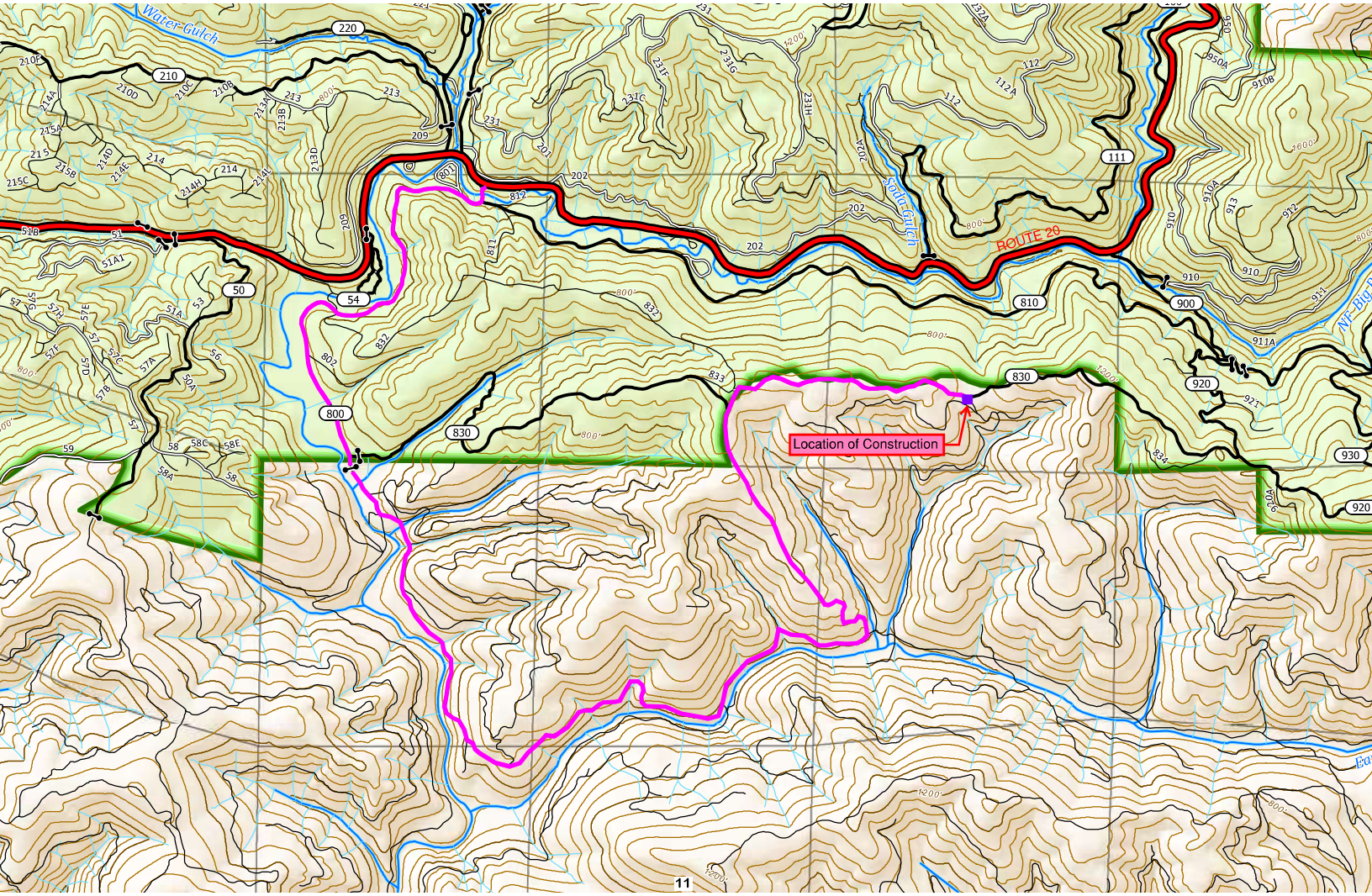
State Shall:

- Gravel 12' x 12' the site area for wood pole and radio cabinet installation.

Compensation for the above site preparation work shall be [redacted] paid by State to Lessor upon completion of such work.

ACCESS ROAD:

1. Road Maintenance to be arranged by separate agreement with Jackson Demonstration State Forest.
2. Seasonal Access: Subject to agreement with Jackson Demonstration State Forest.


Water Gulch
Solo Gulch
ROUTE 20
Location of Construction
11

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

Notice to Bidders

And

Special Provisions

For Construction In Mendocino County About 13 Miles West of Willits On Road 830
2.4 Miles Southwest Of The Intersection of Route 20 And Road 900
In District 01 On Route 20
Under

Standard Specifications dated 2025

Project plans approved: July 9, 2026

Standard Plans dated 2025

Identified by
Contract No. 01A6677
01-Men-20-20.0
Project ID: 0124000212
Project EA: 01-0P2504

Small Business Minor B Solicitation

Quotes open: Monday, September 21, 2026
Dated: August 26, 2026

Revised 03/26/2026

****

SPECIAL NOTICES

- **See section 2-1.08 for mandatory pre-bid job site visit requirements.**

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.

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

HIGHWAY



Mark Gorona — 07-09-2026

REGISTERED CIVIL ENGINEER — DATE

ELECTRICAL (ROADWAY)



Zachary Ting — 6-30-2026

REGISTERED ELECTRICAL ENGINEER — DATE

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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)**

EXCAVATION AND BACKFILL

A62A	**Excavation and Backfill - Miscellaneous Details**

FENCES

A85	**Chain Link Fence**
A85A	**Chain Link Fence Details**
A85B	**Chain Link Fence Details**

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 WATER POLLUTION CONTROL

T56	**Temporary Water Pollution Control Details (Temporary Fiber Roll)**
T59	**Temporary Water Pollution Control Details (Temporary Concrete Washout Facility)**

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**

ELECTRICAL SYSTEMS - LEGEND AND ABBREVIATIONS

ES-1A	**Electrical Systems (Legend)**
ES-1B	**Electrical Systems (Legend)**
ES-1C	**Electrical Systems (Legend)**

ELECTRICAL SYSTEMS - CONTROLLER CABINETS

ES-3C	Electrical Systems (Controller Cabinet Foundation and Pad Details)
	ELECTRICAL SYSTEMS - LIGHTING STANDARDS
ES-6B	Electrical Systems (Electrolier Anchorage and Grouting for Type 15 and Type 21, Barrier Rail Mounted)
	ELECTRICAL SYSTEMS - SIGNAL AND LIGHTING STANDARD DETAILS
ES-7M	Electrical Systems (Signal and Lighting Standard, Details No. 1)
ES-7N	Electrical Systems (Signal and Lighting Standard, Details No. 2)
RSP ES-7O	Electrical Systems (Signal and Lighting Standard, Details No. 3)
	ELECTRICAL SYSTEMS - PULL BOX
ES-8A	Electrical Systems (Non-Traffic Pull Box)
	ELECTRICAL SYSTEMS - ISOFOOTCANDLE CURVES AND FOUNDATION DETAILS
ES-11	Electrical Systems (Foundation Installations)
	ELECTRICAL SYSTEMS - CAMERA AND VEHICLE DETECTION SYSTEM POLES
RSP ES-16C	Electrical Systems (High Mast Camera Pole 50' to 90')

Notice to Bidders

Quotes open: Monday, September 21, 2026

Dated: August 26, 2026

General work description: Construct communication system.

The Department of Transportation (Department) will receive quotes for Construction In Mendocino County About 13 Miles West of Willits On Road 830 2.4 Miles Southwest Of The Intersection Of Route 20 and Road 900.

District-County-Route-Post Mile: 01-Men-20-20.0

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 $220,000

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

Analyst's Email: arlena.tedder@dot.ca.gov

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

Quotes received after this time will not be accepted.

A mandatory pre-bid job site visit is scheduled for September 9th, 2026, at 11:00 am. See section 2-1.08 for mandatory prebid job site visit requirements.

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

Submit and view bidders' inquiries to the District at:

CALTRANS North Region Construction Office

E-MAIL: inquiry.nr.bid@dot.ca.gov

WEBSITE: https://dot.ca.gov/caltrans-near-me/district-3/d3-programs/d3-construction/d3-minor-b

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: Arlena Tedder
Email: arlena.tedder@dot.ca.gov
Phone: (279)234-2434

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 .

Special Provisions

Division I General Provisions
1 General

Add to section 1-1.01:

Bid Items and Applicable Sections

Item code	Item description	Applicable section
034264	COMMUNICATION SYSTEM	87

Replace the definition of *Bid Item List* in Section 1-1.07B with:

Bid Item List: List of bid items and the associated quantities on the **Price Quote Proposal for Unit Items**.

Replace the definition of *Director* in Section 1-1.07B with:

Director: Department's District Director.

Add the following to Section 1-1.07B:

Quote: Bid for an agreement with bidders limited to only Small Businesses under Section 2-1.05.

Add the following to the table in Section 1-1.11:

Reference or agency or department unit	Website	Address	Telephone Number
Office of Civil Rights	https://dot.ca.gov/programs/civil-rights	1500 5th Street, MS 79 Sacramento, CA 95814	(916) 324-0449

^^

2 Bidding

Replace Section 2-1.05 with:

2-1.05 Bidder Eligibility

Bidder must be certified as a small business at the time and date of bid opening and on the date of contract award or have submitted a complete application to the Department of General Services (DGS), Office of Small Business and DVBE Services. The complete application and any required substantiating documentation must be received by DGS by 5:00 p.m. on the bid opening date.

Replace Section 2-1.06A with:

2-1.06A General

Standard Specifications and **Standard Plans** may be viewed at: https://dot.ca.gov/programs/design/ccs-standard-plans-and-standard-specifications .

The **Bid Package** may be viewed and obtained at the Cal eProcure website.

The **Bid Package** includes the **Invitation for Bid**, **Notice to Bidders**, Special Provisions, Project Plans, Revised Standard Plans, and a web link to the Standard Specifications and Standard Plans.

Add between the 1st and 2nd paragraphs of section 2-1.06B:

The Department makes the following supplemental project information available:

Supplemental Project Information

Means	Description
Included in the *Information Handout*	1. Mendocino Redwood Company, Lease Agreement and Insurance Requirements 2. Supplemental Access Information

Replace the 3rd paragraph of Section 2-1.06B with:

If an **Information Handout** or cross sections are available, you may view and obtain them at the Cal eProcure website.

Replace section 2-1.08 with:

2-1.08 MANDATORY PREBID JOB SITE VISIT

The Department will conduct a mandatory pre-bid job site visit for this contract. The purpose of the visit is to provide bidders access to the job site.

Each bidder must attend the mandatory pre-bid job site visit. The bidder's representative must be a company officer, project superintendent, or project estimator. For a joint venture, one of the parties must attend the mandatory pre-bid job site visit.

Bidders must register for the mandatory pre-bid job site visit by September 4th, 2026 at:

https://lp.constantcontactpages.com/ev/reg/pnmz5ed/lp/489c554f-3102-4066-af4c-ef1863ab4b2d

The exact location of the mandatory job site visit will be provided during registration

The Department does not accept a bid from a bidder who did not attend the mandatory job site visit.

The Department provides transportation to and from the job site from the location provided during registration. Provide your own safety gear, including appropriate footwear, hard hat, eye protection, and gloves.

A sign-in sheet will be used to identify the attendees. Each bidder must include the name and title of the company representative attending the job site visit.

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.

If an agent other than the authorized corporate officer or a partnership member signs the bid, file a Power of Attorney with the Department either before opening bids or with the bid. Otherwise, the bid may be nonresponsive.

Delete Section 2-1.34

Delete the second paragraph of Section 2-1.40.

Replace Section 2-1.43 with:

2-1.43 Bid Opening

The Department opens the bids after the time shown in the **Notice to Bidders**.

Replace the first paragraph of Section 2-1.47 with:

2-1.47 Bid Relief

The Department may grant bid relief under Public Contract Code Sections 5100 et seq. Submit any request for bid relief to DPAC. The **Relief of Bid Request** form is available at the Department's website.

^^

3 Contract Award and Execution

Add the following to Section 3-1.02A:

For a unit price-based bid, submit the bid with a unit price and the item total (the product of the unit price and the quantity) for each item and a total price (the sum of the item totals) in the spaces provided on the Bid Item List. Prices submitted on the Bid Item List are the basis of comparison of bids except:

1. If a discrepancy between the unit price and the item total exists, the unit price prevails except:
   1.1. If the unit price is illegible, omitted, or the same as the item total, item total prevails, and the unit price is the quotient of the item total and the quantity.
   1.2. If a decimal error is apparent in the product of the unit price and the quantity, the Department will use either the unit price or item total based on the closest by percentage to the unit price or item total in the Department's Final Estimate.
2. If the unit price and the item total are illegible or are omitted, the bid may be determined nonresponsive.
3. Bids on lump sum items are item totals. If a unit price for a lump sum item is entered and it differs from the item total, the item total prevails.
4. Entries are to be expressed in dollars or decimal fractions of a dollar. Symbols such as commas and dollar signs are ignored and have no significance in establishing unit price or item total.
5. Unit prices and item totals are interpreted by the number of digits and decimal placement. Do not round item totals or the total bid.

Replace Section 3-1.04 with:

3-1.04 Contract Award

If the Department awards the contract, the award is made to the lowest responsible bidder within 30 days after bid opening.

Replace Section 3-1.05 with:

3-1.05 Contract Bonds

If the total bid exceeds $25,000, the successful bidder must furnish a payment bond to secure the claim payments of laborers, workers, mechanics, or materialmen providing goods, labor, or services under 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.

^^

4 Scope of Work

Delete Section 4-1.07C.

Delete Section 4-1.07D.

^^

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 section 5-1.20B:

5-1.20B(5) Lease Agreement

The Contract includes a lease agreement with Mendocino Redwood Company. The Department makes the provisions of the agreement available in the *Information Handout* in the document titled "Lease Agreement and Insurance Requirements." Comply with the insurance requirements in the document.

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.

^^

6 Control of Materials

Add to the beginning of section 6-1.02:

The Department furnishes you with controller cabinets at 21340 BAECHTEL RD, WILLITS CA 95490. At least 48 hours before you pick up the materials, inform the Engineer of what you will pick up and when you will pick it up.

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.

Add to section 6-1:

6-1.08 ENVIRONMENTAL PRODUCT DECLARATIONS FOR HOT MIX ASPHALT AND CONCRETE

Section 6-1.08 includes specifications for environmental product declarations for hot mix asphalt and concrete materials and products.

See section 6-1.06B for definitions.

For projects with bid opening dates after February 1, 2025, with a total bid over $1 million and 175 or more original working days, materials or products specified in the following table require facility-specific, product stage, environmental product declarations as informational submittals:

Material or product	Material specifications
Hot mix asphalt[a]	Section 39-2, "Hot Mix Asphalt" Excludes RHMA, OGFC, and BWC materials.
Concrete[b]	Section 28-2, "Lean Concrete Bases," Section 28-3, "Rapid Strength Concrete Base," Section 28-4, "Lean Concrete Base Rapid Setting," Section 28-5, "Concrete Base," Section 40, "Concrete Pavement," Section 47-5, "Type 6 Retaining Walls," Section 49-3, "Cast-In-Place Concrete Piling," Section 49-4, "Steel Soldier Piling," Section 51, "Concrete Structures," Section 58-2, "Masonry Block," Section 73, "Concrete Curbs and Sidewalks," Section 83, "Railings and Barriers," and Section 99, "Building Construction." Excludes volumetric-proportioned rapid strength concrete and Section 90-4 PC concrete members.

[a]For each hot mix asphalt plant providing 2,250 tons or more on the project by job mix formula.
[b]For each concrete plant providing 250 cubic yards or more on the project by mix design.

The requirements in section 6-1.08 do not apply to seasonal plants operating fewer than 6 months per year.

The requirements in section 6-1.08 do not apply to informal-bid contracts.

For product category rules for hot mix asphalt or concrete, go to the METS website. Use the product category rule in effect on the date of bid opening unless otherwise authorized. An environmental product declaration for hot mix asphalt or concrete is not required for either of the following conditions:

1. Applicable product category rule has expired without replacement as of the bid opening date.
2. Applicable product category rule was issued less than 50 days before the bid opening date.

Immediately notify the Engineer if a program operator has determined their product category rule does not allow for development of a facility-specific environmental product declaration. Include written correspondence from the program operator with your notification to the Engineer. If the Engineer

determines the development of a facility-specific environmental product declaration cannot be achieved, an environmental product declaration will not be required for that material or product.

You must register on the Department's Data Interchange for Materials Engineering (DIME) at least 15 days before submitting environmental product declarations. Follow the registration process at:

https://dime.dot.ca.gov/

Within 30 days of initial placement of each applicable material or product, submit a facility-specific, product stage, environmental product declaration informational submittal to DIME and provide proof of submission in PDF file format to the Engineer. The DIME entry information must include intended use of materials and estimated quantities of materials to be used as represented by the environmental product declaration.

Failure to provide a required environmental product declaration informational submittal will result in a $6,000 performance failure withhold for each missing declaration. The Department returns the withhold within 30 days after receipt of the compliant declaration if submitted prior to Contract acceptance. Withholds become permanent deductions if the declaration is not submitted before Contract acceptance.

^^

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.

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. 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 that will be available for fire control during working hours.

The pickup truck and operator must patrol the area of construction 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.

^^

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 row for *DBE and DVBE* in the table in the 2nd paragraph of section 8-1.03 with:

DVBE	Final utilization reports

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.

^^

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.

^^

DIVISION II GENERAL CONSTRUCTION

10 GENERAL

Replace section 10-1.03 with:

10-1.03 TIME CONSTRAINTS

Road 830 is maintained by Jackson Demonstration State Forest and is typically closed to motorized vehicles from October 1 to June 1 each year. Verify closure dates with Jackson Demonstration State Forest at (707) 964-5674 prior to starting work.

^^

DIVISION III EARTHWORK AND LANDSCAPE
17 GENERAL

Add after the first paragraph of section 17-2.01:

Trees within clearing and grubbing areas will be felled by others prior to contract award.

Replace the 4th paragraph in section 17-2.03A with:

Clear and grub vegetation only within the excavation and embankment slope lines.

^^

21 EROSION CONTROL

Add to section 21-2.02H:

Straw must be certified weed free from the harvest site by the local County Agricultural Commission or the Department of Food and Agriculture.

Add to the end of the 1st paragraph of section 21-2.02P:

Straw must be certified weed free from the harvest site by the local County Agricultural Commission or the Department of Food and Agriculture.

^^

DIVISION VI STRUCTURES
49 PILING

Add to section 49-3.02A(3):

49-3.02A(3)(l) Experience Qualifications

At least 15 days before the start of CIDH concrete pile construction, submit as an informational submittal the following experience qualifications in compliance with section 49-3.02A(4)(f):

1. List of CIDH concrete pile installations performed by the drilling contractor. The submittal must include:
   1.1. Project description
   1.2. Name and phone number of the owner
   1.3. CIDH pile plans
   1.4. Log of test borings
   1.5. Estimated dates of major CIDH pile installation activities
   1.6. CIDH pile acceptance testing reports
2. List of on-site foremen and drill rig operators who will perform the CIDH concrete pile work and a summary of each individual's experience. The submittal must include:

2.1. Detailed summary of each individual's experience in CIDH pile excavation operations and placement of assembled reinforcing cages and concrete
2.2. Experience from at least 3 relevant projects, including:
  2.2.1. Project Description
  2.2.2. Date of work
  2.2.3. Actual work performed
  2.2.4. Name and phone number of a reference person for each project
2.3. Proof of on-site foremen and drill rig operators experience qualifications

Add to section 49-3.02A(4):

49-3.02A(4)(f) Experience Qualifications

The drilling contractor must have successfully constructed at least 3 separate foundation projects in the last 5 years. The foundation projects must:

1. Have CIDH piles of similar or larger diameter and depth, and installed under similar substructure conditions to this contract
2. Demonstrate experience with drilling fluids and successful construction of CIDH piles under the wet conditions

Each on-site foremen and drill rig operator must have 2 years of experience installing CIDH concrete piles on at least 3 projects. The CIDH pile foundations must be of similar or larger diameter and depth, and installed under similar subsurface conditions to this contract.

On-site foremen experience must be supervising construction of CIDH concrete pile foundations. Indirect supervision of on-site CIDH concrete pile construction operations is not acceptable.

Drill rig operator experience must be in construction of CIDH concrete pile foundations.

Add to section 49-3.02B(6)(c):

The synthetic slurry must be one of the materials shown in the following table:

Material	Manufacturer
SlurryPro CDP	KB INTERNATIONAL LLC 735 BOARD ST STE 209 CHATTANOOGA TN 37402 (423) 266-6964
Super Mud	PDS CO INC 105 W SHARP ST EL DORADO AR 71731 (870) 863-5707
Shore Pac	CETCO 2870 FORBS AVE HOFFMAN ESTATES IL 60192 (800) 527-9948
Terragel or Novagel Polymer	GEO-TECH SERVICES LLC 220 N. ZAPATA HWY STE 11A-449A LAREDO TX 78043 (210) 259-6386
BIG FOOT	MATRIX CONSTRUCTION PRODUCTS 50 S MAIN ST STE 200 NAPERVILLE IL 60540 (877) 591-3137
POLY-BORE	BAROID INDUSTRIAL DRILLING PRODUCTS 3000 N SAM HOUSTON PKWY EAST HOUSTON TX 77032 (877) 379-7412

Use synthetic slurries in compliance with the manufacturer's instructions. Synthetic slurries shown in the above table may not be appropriate for a given job site.

Synthetic slurries must comply with the Department's requirements for synthetic slurries to be included in the above table. The requirements are available from:

OFFICES OF BRIDGE DESIGN
P.O. BOX 168041
MS# 9-4/11G
SACRAMENTO, CA 95816-8041

SlurryPro CDP synthetic slurry must comply with the requirements shown in the following table:

SlurryPro CDP

Quality characteristic	Test method	Requirement
Density: During drilling (pcf) Before final cleaning and immediately before placing concrete (pcf)	Mud weight (density), API RP 13B-1, section 5	 ≤ 67.0[a] ≤ 64.0[a]
Viscosity: During drilling (sec/qt) Before final cleaning and immediately before placing concrete (sec/qt)	Marsh funnel and cup, API RP 13B-1, section 7.2	 50–120 ≤ 70
pH	Glass electrode pH meter or pH paper	6.0–11.5
Sand content, percent by volume: Before final cleaning and immediately before placing concrete (%)	Sand, API RP 13B-1, section 10	 ≤ 1.0

NOTE: Slurry temperature must be at least 40 °F when tested.
[a]If authorized, you may use slurry in a salt water environment. The allowable density of slurry in a salt water environment may be increased by 2 pcf.

Super Mud synthetic slurry must comply with the requirements shown in the following table:

Super Mud

Quality characteristic	Test method	Requirement
Density: During drilling (pcf) Before final cleaning and immediately before placing concrete (pcf)	Mud weight (density), API RP 13B-1, section 5	 ≤ 64.0[a] ≤ 64.0[a]
Viscosity: During drilling (sec/qt) Before final cleaning and immediately before placing concrete (sec/qt)	Marsh funnel and cup, API RP 13B-1, section 7.2	 32–60 ≤ 60
pH	Glass electrode pH meter or pH paper	8.0–10.0
Sand content, percent by volume: Before final cleaning and immediately before placing concrete (%)	Sand, API RP 13B-1, section 10	 ≤ 1.0

NOTE: Slurry temperature must be at least 40 °F when tested.
[a]If authorized, you may use slurry in a salt water environment. The allowable density of slurry in a salt water environment may be increased by 2 pcf.

Shore Pac synthetic slurry must comply with the requirements shown in the following table:

Shore Pac

Quality characteristic	Test method	Requirement
Density: During drilling (pcf) Before final cleaning and immediately before placing concrete (pcf)	Mud weight (density), API RP 13B-1, section 5	 ≤ 64.0[a] ≤ 64.0[a]
Viscosity: During drilling (sec/qt) Before final cleaning and immediately before placing concrete (sec/qt)	Marsh funnel and cup, API RP 13B-1, section 7.2	 33–132 ≤ 118
pH	Glass electrode pH meter or pH paper	8.0–11.0
Sand content, percent by volume: Before final cleaning and immediately before placing concrete (%)	Sand, API RP 13B-1, section 10	 ≤ 1.0

NOTE: Slurry temperature must be at least 40 °F when tested.
[a]If authorized, you may use slurry in a salt water environment. The allowable density of slurry in a salt water environment may be increased by 2 pcf.

Terragel or Novagel Polymer synthetic slurry must comply with the requirements shown in the following table:

Terragel or Novagel Polymer

Quality characteristic	Test method	Requirement
Density: During drilling (pcf) Before final cleaning and immediately before placing concrete (pcf)	Mud weight (density), API RP 13B-1, section 5	 ≤ 67.0[a] ≤ 64.0[a]
Viscosity: During drilling (sec/qt) Before final cleaning and immediately before placing concrete (sec/qt)	Marsh funnel and cup, API RP 13B-1, section 7.2	 45–104 ≤ 104
pH	Glass electrode pH meter or pH paper	6.0–11.5
Sand content, percent by volume: Before final cleaning and immediately before placing concrete (%)	Sand, API RP 13B-1, section 10	 ≤ 1.0

NOTE: Slurry temperature must be at least 40 °F when tested.
[a]If authorized, you may use slurry in a salt water environment. The allowable density of slurry in a salt water environment may be increased by 2 pcf.

BIG-FOOT synthetic slurry must comply with the requirements shown in the following table:

BIG-FOOT

Quality characteristic	Test method	Requirement
Density: During drilling (pcf) Before final cleaning and immediately before placing concrete (pcf)	Mud weight (density), API RP 13B-1, section 5	 ≤ 64.0[a] ≤ 64.0[a]
Viscosity: During drilling (sec/qt) Before final cleaning and immediately before placing concrete (sec/qt)	Marsh funnel and cup, API RP 13B-1, section 7.2	 30–125 55–114
pH	Glass electrode pH meter or pH paper	8.5–10.5
Sand content, percent by volume: Before final cleaning and immediately before placing concrete (%)	Sand, API RP 13B-1, section 10	 ≤ 1.0

NOTE: Slurry temperature must be at least 40 °F when tested.
[a]If authorized, you may use slurry in a salt water environment. The allowable density of slurry in a salt water environment may be increased by 2 pcf.

POLY-BORE synthetic slurry must comply with the requirements shown in the following table:

POLY-BORE

Quality characteristic	Test method	Requirement
Density: During drilling (pcf) Before final cleaning and immediately before placing concrete (pcf)	Mud weight (density), API RP 13B-1, section 5	 62.8–65.8[a] 62.8–64.0[a]
Viscosity: During drilling (sec/qt) Before final cleaning and immediately before placing concrete (sec/qt)	Marsh funnel and cup, API RP 13B-1, section 7.2	 50–80 50–80
pH	Glass electrode pH meter or pH paper	7.0–10.0
Sand content, percent by volume: Before final cleaning and immediately before placing concrete (%)	Sand, API RP 13B-1, section 10	 ≤ 1.0

NOTE: Slurry temperature must be at least 40 °F when tested.
[a]If authorized, you may use slurry in a salt water environment. The allowable density of slurry in a salt water environment may be increased by 2 pcf.

^^

DIVISION X ELECTRICAL WORK
86 GENERAL

Add to the list in the 2nd paragraph of section 86-1.02C(1):

15. *COMMUNICATION* for a communication system

Replace the 4th paragraph of section 86-1.02F(1) with:

Conductors must be copper.

Replace the 2nd paragraph of section 86-1.02F(2)(c)(ii) with:

An equipment grounding conductor must be bare.

^^

87 ELECTRICAL SYSTEMS

Replace section 87-9 with:

87-9 COMMUNICATION SYSTEMS

87-9.01 GENERAL

Section 87-9 includes specifications for constructing communication systems.

Communication system includes:

1. Foundations
2. Pull boxes
3. Conduit
4. Conductors
5. Standards
6. Grounding electrode
7. Department-furnished controller cabinet

The components of a communication system are shown on the project plans.

87-9.02 MATERIALS

Not Used

87-9.03 CONSTRUCTION

Perform the conductor and operational tests for the system.

87-9.04 PAYMENT

Not Used

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

INDEX OF PLANS

SHEET No. | DESCRIPTION

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2	CONSTRUCTION DETAILS
3	SUMMARY OF QUANTITIES
4-5	EROSION CONTROL LEGEND AND PLANS
6-8	ELECTRICAL PLANS, DETAILS AND QUANTITIES
9	SPECIAL ELECTRICAL STRUCTURES
10-15	REVISED STANDARD PLANS

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

IN MENDOCINO COUNTY

ABOUT 13 MILES WEST OF WILLITS

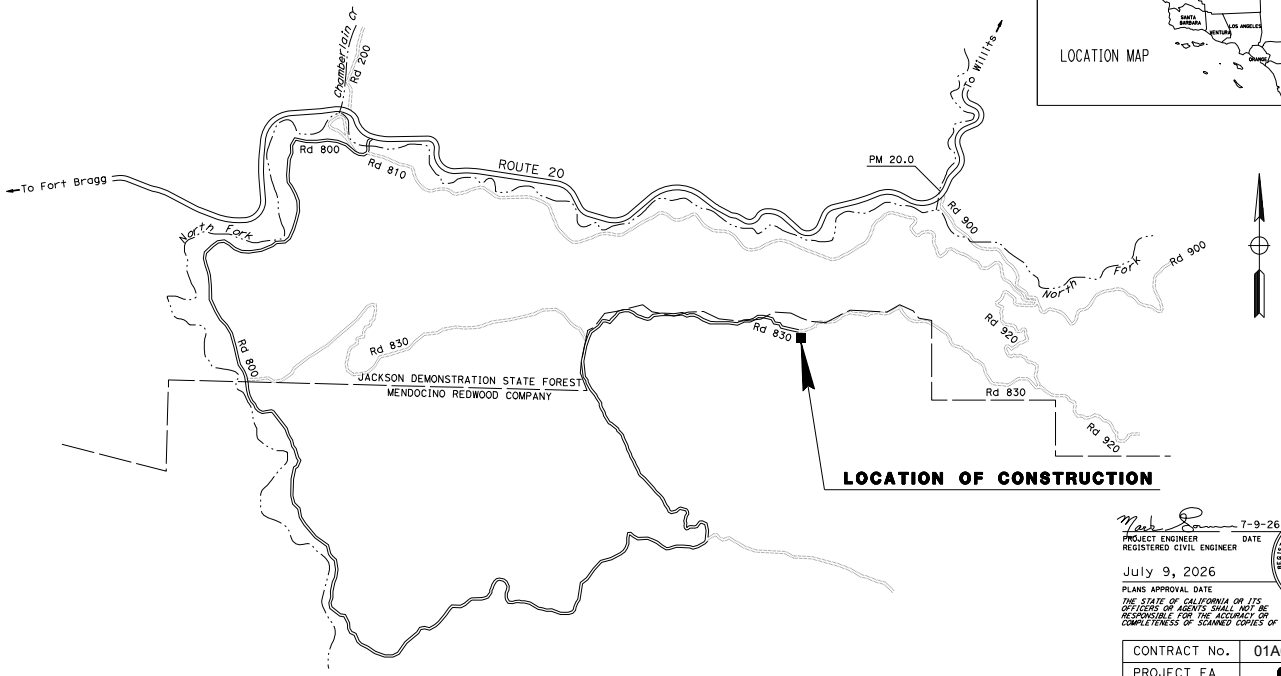
ON ROAD 830 2.4 MILES SOUTHWEST OF

THE INTERSECTION OF ROUTE 20 AND ROAD 900

TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2025

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	20	20.0	1	15





NO SCALE

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

PROJECT ENGINEER
REGISTERED CIVIL ENGINEER
7-9-26
DATE

REGISTERED PROFESSIONAL ENGINEER
MARK A. GORONA
No. C 63675
Exp. 9-30-27
CIVIL
STATE OF CALIFORNIA

July 9, 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.	01A6677
PROJECT EA	01-0P2504
PROJECT ID	0124000212

DESIGN MANAGER: MIKE THIEL
PROJECT MANAGER: MIKE THIEL

DATE PLOTTED => 9-JUL-2026
TIME PLOTTED => 16:42

BORDER LAST REVISED 10/28/2022 | CALTRANS WEB SITE IS: HTTP//WWW.DOT.CA.GOV/ | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => s152448 DGN FILE => 0124000212ab001.dgn | UNIT 0038 | PROJECT NUMBER & PHASE 01240002121

Contract No. 01A6677

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	20	20.0	2	15

REGISTERED CIVIL ENGINEER — DATE 7-9-26

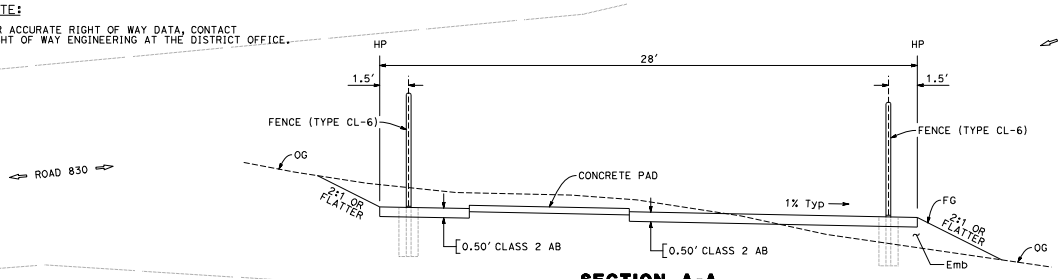
PLANS APPROVAL DATE July 9, 2026

MARK A. GORONA No. C 65675 Exp. 9-30-27 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

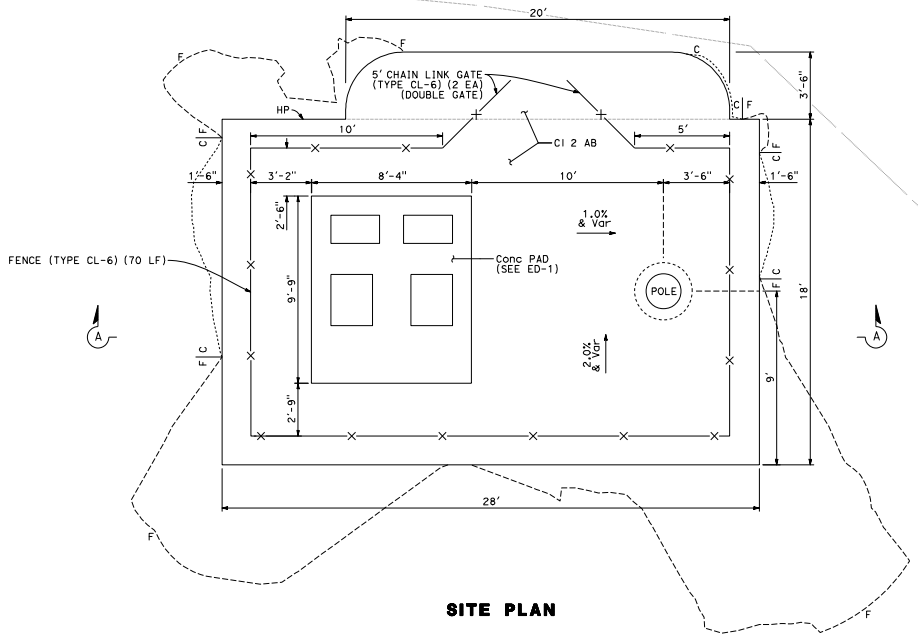
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NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



SECTION A-A



SITE PLAN



LOGGING ROAD

CONSTRUCTION DETAILS

NO SCALE

C-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISED BY	DATE REVISED
Caltrans. **MINOR B**	MIKE THIEL	BENJAMIN FIELDS / MARK GORONA / CHECKED BY		

DATE PLOTTED => 9-JUL-2026
TIME PLOTTED => 16:42
07-09-26

BORDER LAST REVISED 7/2/2010	USERNAME => e152448 DGN FILE => 0124000212gg001.dgn	RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3	UNIT 0038	PROJECT NUMBER & PHASE	01240002121

Contract No. 01A6677

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	20	20.0	3	15

REGISTERED CIVIL ENGINEER — DATE 7-9-26

PLANS APPROVAL DATE July 9, 2026

MARK A. GORONA, No. C 65675, Exp. 9-30-27, CIVIL, REGISTERED PROFESSIONAL ENGINEER, 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.

EARTHWORK QUANTITIES

LOCATION	ROADWAY EXCAVATION	(N) EMBANKMENT
	CY	CY
WITHIN PROJECT LIMITS	10	8
TOTAL	10	8

(N) - NOT A SEPARATE BID ITEM

CLASS 2 AGGREGATE BASE QUANTITIES

LOCATION	CLASS 2 AGGREGATE BASE (CY)
	CY
WITHIN PROJECT LIMITS	10.6
TOTAL	10.6

FENCE QUANTITIES

LOCATION	CHAIN LINK FENCE (TYPE CL-6)	5' CHAIN LINK GATE (TYPE CL-6)
	LF	EA
WITHIN PROJECT LIMITS	70	2
TOTAL	70	2

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

LOCATION	TEMPORARY FIBER ROLL	TEMPORARY TACKED STRAW
	LF	SQYD
WITHIN PROJECT LIMITS	110	55
TOTAL	110	55

SUMMARY OF QUANTITIES

Q-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION | FUNCTIONAL SUPERVISOR: MIKE THIEL | CALCULATED-DESIGNED BY: BENJAMIN FIELDS | CHECKED BY: MARK GORONA | REVISED BY | DATE REVISED

MINOR B

BORDER LAST REVISED 7/2/2010 | USERNAME => s152448 | DGN FILE => 0124000212pa001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0038 | PROJECT NUMBER & PHASE 01240002121

LAST REVISED DATE PLOTTED => 9-JUL-2026 07:09:26 | TIME PLOTTED => 16:43

Contract No. 01A6677

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	20	20.0	4	15

Mark Gorona 7-9-26
REGISTERED CIVIL ENGINEER DATE

July 9, 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 — MARK A. GORONA — No. C 65675 — Exp. 9-30-27 — CIVIL — STATE OF CAL FORNIA

WOOD MULCH

ITEM	MATERIAL		APPLICATION RATE
	DESCRIPTION	TYPE	
WOOD MULCH	SHREDDED REDWOOD BARK	SHREDDED BARK MULCH	405 CY/AC

EROSION CONTROL QUANTITIES

LOCATION	WOOD MULCH
	CY
WITHIN PROJECT LIMITS	2.3
TOTAL	2.3

EROSION CONTROL LEGEND

ECL-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
MINOR B
FUNCTIONAL SUPERVISOR: MIKE THIEL
CALCULATED-DESIGNED BY: BENJAMIN FIELDS
CHECKED BY: MARK GORONA
REVISED BY
DATE REVISED

BORDER LAST REVISED 7/2/2010
USERNAME => e152448
DGN FILE => 01240002121c001.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0038
PROJECT NUMBER & PHASE 01240002121

LAST REVISED DATE PLOTTED => 9-JUL-2026
07-09-26 TIME PLOTTED => 16:43

Contract No. 01A6677

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	20	20.0	5	15

REGISTERED CIVIL ENGINEER — DATE 7-9-26

PLANS APPROVAL DATE July 9, 2026

MARK A. GORONA, No. C 65675, Exp. 9-30-27, CIVIL, REGISTERED PROFESSIONAL ENGINEER, STATE OF CALIFORNIA

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NOTE:

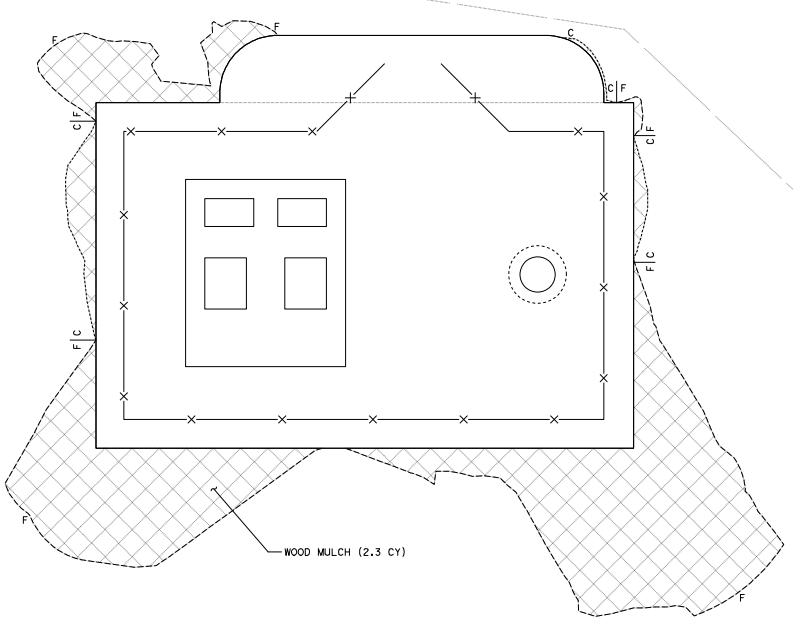
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

LEGEND:

WOOD MULCH

ROAD 830

LOGGING ROAD



EROSION CONTROL PLAN

NO SCALE

EC-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISED BY	DATE REVISED
Caltrans. MINOR B	MIKE THIEL	BENJAMIN FIELDS		
		CHECKED BY		
		MARK GORONA		

CAD REVISED | DATE PLOTTED => 9-JUL-2026 | 07-09-26 | TIME PLOTTED => 16:43

BORDER LAST REVISED 7/2/2010 | USERNAME => e152448 | DGN FILE => 01240002121e001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0038 | PROJECT NUMBER & PHASE 01240002121

Contract No. 01A6677

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	20	20.0	6	15

Hieu Nguyen 6-30-26
REGISTERED ELECTRICAL ENGINEER DATE

July 9, 2026
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
HIEU NGUYEN
No. E25140
Exp. 9-30-26
ELECTRICAL
STATE OF CALIFORNIA

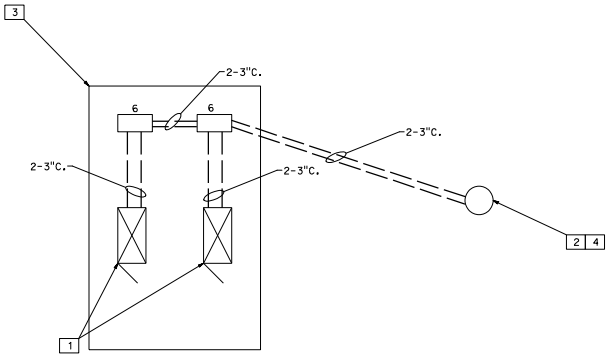
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. SEE SHEET C-1 FOR THE LOCATION OF INSTALLATION.

LEGENDS: (THIS SHEET ONLY)

1. DEPARTMENT-FURNISHED MODEL 332LS CONTROLLER CABINET.
2. Mod HM POLE 60. SEE SHEET SES-1 FOR DETAILS.
3. CONCRETE PAD. SEE SHEETS C-1 AND ED-1 FOR MORE DETAILS.
4. PHOTOVOLTAIC PANELS AND ANTENNAS TO BE INSTALLED BY OTHER.



COMMUNICATION SYSTEM

NO SCALE

E-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
ELECTRICAL DESIGN

FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISED BY
MARY ANN HUDSPETH	RAAHIM BEG	
	CHECKED BY	DATE REVISED
	HIEU NGUYEN	

LAST REVISION DATE PLOTTED => 9-JUL-2026
02-24-26 TIME PLOTTED => 16:43

BORDER LAST REVISED 7/2/2010 | USERNAME => e152448 DGN FILE => 0124000212ua001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0402 | PROJECT NUMBER & PHASE 01240002121

Contract No. 01A6677

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	20	20.0	7	15

Hieu Nguyen 6-30-26
REGISTERED ELECTRICAL ENGINEER DATE

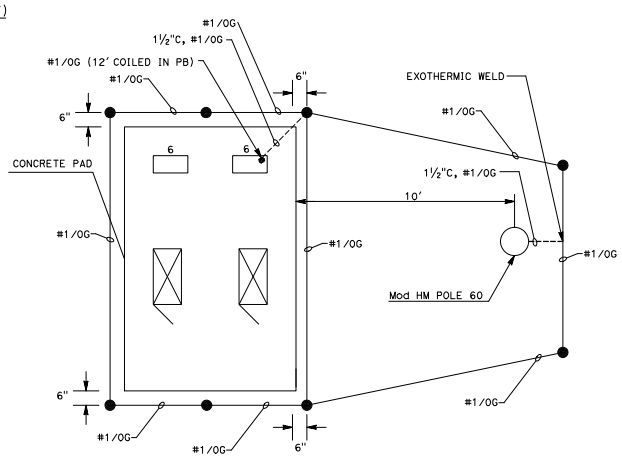
July 9, 2026
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
HIEU NGUYEN
No. E25140
Exp. 9-30-26
ELECTRICAL
STATE OF CALIFORNIA

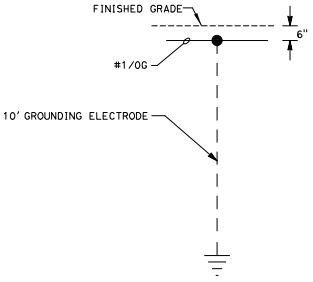
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

SYMBOL: (THIS SHEET ONLY)

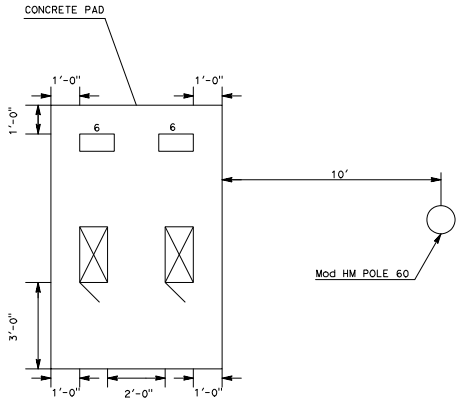
● GROUNDING ELECTRODE WITH EXOTHERMIC WELD



DETAIL A
GROUNDING LAYOUT



DETAIL B
GROUNDING ELECTRODE DEPTH



DETAIL C
CONCRETE PAD SPACING

ELECTRICAL SYSTEMS DETAILS

NO SCALE **ED-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
ELECTRICAL DESIGN
FUNCTIONAL SUPERVISOR: MARY ANN HUDSPETH
CALCULATED-DESIGNED BY: RAAHIM BEG
CHECKED BY: HIEU NGUYEN
REVISED BY
DATE REVISED

LAST REVISION DATE PLOTTED => 9-JUL-2026
02-24-26 TIME PLOTTED => 16:43

BORDER LAST REVISED 7/2/2010 | USERNAME => e152448 DGN FILE => 0124000212ub001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0402 | PROJECT NUMBER & PHASE 01240002121

Contract No. 01A6677

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	20	20.0	8	15

Hieu Nguyen 6-30-26
REGISTERED ELECTRICAL ENGINEER DATE

July 9, 2026
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
HIEU NGUYEN
No. E25140
Exp. 9-30-26
ELECTRICAL
STATE OF CALIFORNIA

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NOTE:

ELECTRICAL SYSTEMS QUANTITY TABLES SUMMARIZE SIGNIFICANT COMPONENTS. SEE ELECTRICAL SYSTEMS PLANS AND SPECIFICATIONS TO DETERMINE ALL MATERIALS NEEDED FOR EACH SYSTEM.

COMMUNICATION SYSTEM

SHEET No.	(N) Mod HM POLE 60	(N) CONCRETE PAD	(N) GROUNDING ELECTRODE	(N) No.6 PULL BOX	(N) 1½"C (TYPE 3)	(N) 3"C (TYPE 3)	(N) #1/0 GROUNDING CONDUCTOR
	EA	EA	EA	EA	LF	LF	LF
E-1	1	1	8	2	20	50	120

(N) - NOT A SEPARATE BID ITEM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans · ELECTRICAL DESIGN

FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	RAAHIM BEG	REVISED BY	
MARY ANN HUDSPETH	CHECKED BY	HIEU NGUYEN	DATE REVISED	

ELECTRICAL SYSTEMS QUANTITIES
EQ-1

LAST REVISION 02-24-26 | DATE PLOTTED => 9-JUL-2026 | TIME PLOTTED => 16:43

BORDER LAST REVISED 7/2/2010 | USERNAME => e152448 | DGN FILE => 0124000212uc001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0402 | PROJECT NUMBER & PHASE 01240002121

Contract No. 01A6677

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	20	20.0	9	15

REGISTERED CIVIL ENGINEER — DATE 4/27/26

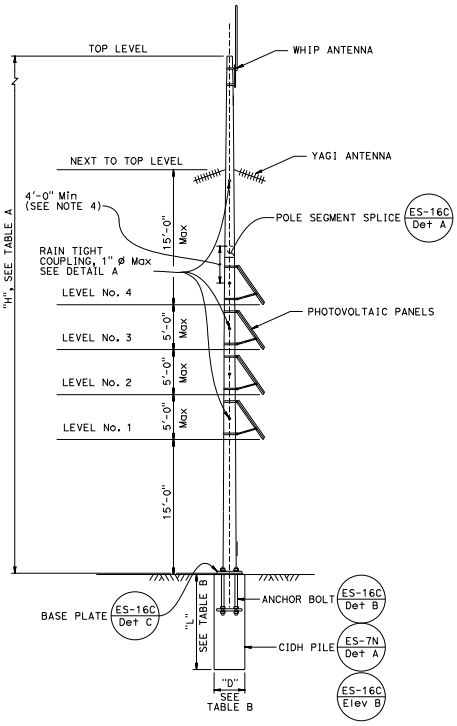
PLANS APPROVAL DATE July 9, 2026

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REGISTERED PROFESSIONAL ENGINEER — WOLDE DEMBELO HERENO — No. C 92727 — Exp. 12/31/27 — CIVIL — STATE OF CALIFORNIA

TABLE A

POLE TYPE	POLE DATA					BASE PLATE DATA					"D" = 4' ø CIDH PILE
	HEIGHT "H"	MINIMUM OD		THICKNESS BOTTOM SEGMENT (Min 25' LONG)	MINIMUM THICKNESS UPPER SEGMENT(S)	Dia	THICKNESS	ANCHOR BOLT SIZE		BC = BOLT CIRCLE	
		BASE	TOP					TOTAL	"d"		"L"
Mod HM POLE 60	60'	22"	13 3/16"	0.3125"	0.25"	36"	3"	12	2 1/4"	29"	17'-0"



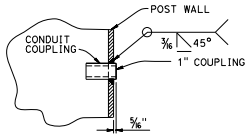
ELEVATION
NO SCALE

TABLE B-LIMITATION ON ATTACHMENTS

LOCATION	MAXIMUM TOTAL AREA PER LEVEL (SQUARE FEET)	MAXIMUM TOTAL WEIGHT PER LEVEL (lb)
LEVEL No. 1 *	11**	100**
LEVEL No. 2 *		
LEVEL No. 3 *		
LEVEL No. 4 *		
NEXT TO TOP LEVEL	3	50
TOP LEVEL	16	130

* Maximum horizontal extent beyond pole face is 4 feet.

** Solar panel arrangement can be modified where panels at level 3 & 4 are mounted at level 1 & 2 (i.e. maximum area at each level is 22 square feet and total weight at each level is 200 pounds).



1" COUPLING
DETAIL A

NOTES:

1. Pole details shall be submitted to the Engineer for approval.
2. For details not shown, See Standard Plans and see Electrical Plans.
3. For central void drain holes in mortar, see Standard Plans, sheet ES-6B Detail N.
4. If required, adjust coupling elevation to meet 4'-0".

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

JUAN JAUREGUI
BRANCH CHIEF

	BY	CHECKED
DESIGN	My Zakaria Elazhari	Hereno Wolde
DETAILS	Alex Neumann	My Zakaria Elazhari
QUANTITIES	X	X

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
OFFICE OF DESIGN AND TECHNICAL SERVICES
SPECIAL DESIGNS BRANCH A

BRIDGE No. XX-XXXX
POST MILE 20

Mod HM POLE 60
POLE DETAILS

SES-1

SPECIAL DESIGN BRANCH A BORDER SHEET (ENGLISH) (REV. 6/5/2023)

DATE PLOTTED => 9-JUL-2026
FILE => 0124000212uh001.rev

TIME PLOTTED => 16:31
USERNAME => a161856

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: 3619
PROJECT NUMBER & PHASE: 0124000212

COUNTY/ROUTE/ZONE: MEN/020/2
CONTRACT No.: 01-0P2504

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES			SHEET	OF
12/4/25	4/27/26	5/28/26	1	1

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Contract No. 01A6677

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	20	20.0	10	15

Davinder Minhas
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.

REGISTERED PROFESSIONAL ENGINEER — Davinder Minhas — No. C70022 — Exp. 9-30-26 — CIVIL — STATE OF CALIFORNIA

TO ACCOMPANY PLANS DATED 07-09-2026

A

AB	AGGREGATE BASE
ABBC	ASBESTOS BONDED BITUMINOUS COATED
ABM	AIR-BLOWN MORTAR
Abn	ABANDON
ABS	ACRYLONITRILE-BUTADIENE-STYRENE
Abut	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
Alt	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/Pl	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
Blt 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
BP	BOOSTER PUMP, BYPASS
BPA	BACKFLOW PREVENTER ASSEMBLY
BPB	BICYCLE PUSH BUTTON
BPE	BACKFLOW PREVENTER ENCLOSURE
B/Pl	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
Cat6	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
Cntl	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
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
Dbl	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
Ell	ELBOW
Emb	EMBANKMENT
EMS	EXTINGUISHABLE MESSAGE SIGN
Encl	ENCLOSURE
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

GENERAL RULES:

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

UNITS OF MEASUREMENT:

1. See Tables A, B and C on Revised Standard Plan RSP A3C.
2. Units of measurement are not part of abbreviations and acronyms. The above abbreviation and acronym general rules do not apply.

SYMBOLS:

1. See Table D on Revised Standard Plan RSP A3C.

SLOPES, FLARES, AND TAPERS:

1. Side slopes:
   X:Y - horizontal:vertical
2. Flares and tapers:
   X:Y - longitudinal:lateral

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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

2025 REVISED STANDARD PLAN RSP A3A

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12-29-25

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Contract No. 01A6677

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	20	20.0	11	15

Davinder Minhas
REGISTERED CIVIL ENGINEER

April 20, 2026
PLANS APPROVAL DATE

Davinder Minhas
No. C70022
Exp. 9-30-26
CIVIL
STATE OF CALIFORNIA

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TO ACCOMPANY PLANS DATED 07-09-2026

G

G	GROOVE, EQUIPMENT GROUNDING CONDUCTOR
g	ACCELERATION DUE TO GRAVITY
Ga	GAUGE
Galv	GALVANIZED
GARV	GARDEN VALVE
GARVA	GARDEN VALVE ASSEMBLY
GB	GROUND BUS
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GM	GRAVEL MULCH
GP	GRADING PLANE
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GR	GUARD RAILING
Grn	GREEN
GSP	GALVANIZED STEEL PIPE
Gtr	GUTTER
GV	GATE VALVE

H

H	HEIGHT, HALF CIRCLE
HAR	HIGHWAY ADVISORY RADIO
h, hr	HOUR
HD	HORIZONTAL DRAIN
HDPE	HIGH DENSITY POLYETHYLENE
hdwl	HEADWALL
Hex	HEXAGONAL
Hex Hd	HEXAGONAL HEAD
HMA	HOT MIX ASPHALT
Horiz	HORIZONTAL
HOV	HIGH OCCUPANCY VEHICLE
HP	HINGE POINT, HORSEPOWER
HPL	HIGH PRESSURE LINE
HPS	HIGH PERFORMANCE STEEL, HIGH PRESSURE SODIUM
HS	HIGH STRENGTH
HSS	HOLLOW STRUCTURAL SECTION
HW	HEADWALL, HIGH WATER
HWM	HIGH WATER MARK
Hwy	HIGHWAY

I

IB	IMPORTED BORROW
IC	IRRIGATION CONTROLLER
ICC	IRRIGATION CONTROLLER(S) IN CONTROLLER ENCLOSURE CABINET
ID	INSIDE DIAMETER
IF	INSIDE FACE
IFS	IRRIGATION FILTRATION SYSTEM
IISNS	INTERNALLY ILLUMINATED STREET NAME SIGN
Int	INTERIOR
Inv	INVERT
IP	INTERNET PROTOCOL
IPS	IRON PIPE SIZE
IPT	IRON PIPE THREAD
Irr	IRRIGATION
ISL	INDUCTION SIGN LIGHTING

J

Jct	JUNCTION
JP	JOINT POLE
JPCP	JOINTED PLAIN CONCRETE PAVEMENT
JS	JUNCTION STRUCTURE
Jt	JOINT

K

L

L	LENGTH, ANGLE (STRUCTURAL STEEL SHAPE)
Lat	LATITUDE
LCB	LEAN CONCRETE BASE
LED	LIGHT EMITTING DIODE
LMA	LUMINAIRE MAST ARM
Ln	LANE
Loc	LOCATION
LOL	LAYOUT LINE
Long	LONGITUDE
Longit	LONGITUDINAL
LPS	LOW PRESSURE SODIUM
LS	LUMP SUM
Lt	LEFT
Ltg	LIGHTING
Lum	LUMINAIRE

M

M	METERED
Maint	MAINTENANCE
MAS	MAST ARM MOUNTING SIDE ATTACHMENT
MAT	MAST ARM MOUNTING TOP ATTACHMENT
Max	MAXIMUM
MB	METAL BEAM
MBB	METAL BEAM BARRIER
MBGR	METAL BEAM GUARD RAILING
MBPS	MANUAL BYPASS SWITCH
MCV	MANUAL CONTROL VALVE
Med	MEDIAN
MGS	MIDWEST GUARDRAIL SYSTEM
MH	MANHOLE
MIC	MASTER IRRIGATION CONTROLLER
Min	MINIMUM
MIPT	MALE IRON PIPE THREAD
Misc	MISCELLANEOUS
Misc I & S	MISCELLANEOUS IRON AND STEEL
Mkr	MARKER
M/M	MULTIPLE TO MULTIPLE TRANSFORMER
Mod	MODIFIED, MODIFY
Mon	MONUMENT
MP	METAL PLATE
MPGR	METAL PLATE GUARD RAILING
MR	MOVEMENT RANGE
MRS	MICROWAVE RADAR SYSTEM
MSE	MECHANICALLY STABILIZED EMBANKMENT
Mt	MOUNTAIN, MOUNT
Mtg	MOUNTING
Mtl	MATERIAL
MV	MERCURY VAPOR LIGHTING FIXTURE
MVDS	MICROWAVE VEHICLE DETECTION SYSTEM
MVP	MAINTENANCE VEHICLE PULLOUT

N

N	NORTH, NEUTRAL (GROUNDED CONDUCTOR)
NB	NORTHBOUND, NEUTRAL BUS
NC	NORMALLY CLOSE

N continued

NCN	NO COMMON NAME
NL	NOZZLE LINE
NO	NORMALLY OPEN
No.	NUMBER (MUST HAVE PERIOD)
Nos.	NUMBERS (MUST HAVE PERIOD)
NPS	NOMINAL PIPE SIZE
NPT	NATIONAL PIPE THREAD
NS	NEAR SIDE
NTS	NOT TO SCALE

O

Oblr	OBLITERATE
OC	OVERCROSSING
O/C	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OG	ORIGINAL GROUND
OGAC	OPEN GRADED ASPHALT CONCRETE
OGFC	OPEN GRADED FRICTION COURSE
OH	OVERHEAD
OHWM	ORDINARY HIGH WATER MARK
OL	OVERLAP
O-O	OUT TO OUT
Opp	OPPOSITE
OSD	OVERSIDE DRAIN

P

P	PAGE, PITCH, PART CIRCLE, NUMBER OF POLES FOR A CIRCUIT BREAKER
PAP	PERFORATED ALUMINUM PIPE
PB	PULL BOX
PBA	PUSH BUTTON ASSEMBLY
PC	POINT OF CURVATURE, PRECAST
PCC	POINT OF COMPOUND CURVE, PORTLAND CEMENT CONCRETE
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
PCP	PERFORATED CONCRETE PIPE, PRESTRESSED CONCRETE PIPE
PCVC	POINT OF COMPOUND VERTICAL CURVE
PDA	POWER DISTRIBUTION ASSEMBLY
PE	POLYETHYLENE
PEC	PERMIT TO ENTER AND CONSTRUCT, PHOTOELECTRIC CONTROL
Ped	PEDESTRIAN
Perm Mtl	PERMEABLE MATERIAL
PEU	PHOTOELECTRIC UNIT
PG	PROFILE GRADE
PI	POINT OF INTERSECTION
PJP	PARTIAL JOINT PENETRATION
Pkt	PACKET
Pkwy	PARKWAY
PL	PLATE
Pl	PLASTIC
P/L	PROPERTY LINE
PLS	PURE LIVE SEED
Plt	PLANT, PLANTING
Plt Estb	PLANT ESTABLISHMENT

P continued

PM	POST MILE, TIME FROM NOON TO MIDNIGHT
PN	PAVING NOTCH
POC	POINT OF HORIZONTAL CURVE, PEDESTRIAN OVERCROSSING
POE	POWER OVER ETHERNET
POT	POINT OF TANGENT
POVC	POINT OF VERTICAL CURVE
PP	PIPE PILE, PLASTIC PIPE, POWER POLE
PPL	PREFORMED PERMEABLE LINER
PPP	PERFORATED PLASTIC PIPE
PR	PRESSURE RATED
PRC	POINT OF REVERSE CURVE
PRF	PAVEMENT REINFORCING FABRIC
PRLV	PRESSURE RELIEF VALVE
PRV	PRESSURE REGULATING VALVE
PRVC	POINT OF REVERSE VERTICAL CURVE
PS&E	PLANS, SPECIFICATIONS AND ESTIMATES
PS	PRESTRESSED
P/S	PRESTRESSED
PSP	PERFORATED STEEL PIPE
PT	POINT OF TANGENCY, CONDUIT WITH PULL TAPE
PTR	POWER TRANSFER RELAY
PUC	PEDESTRIAN UNDERCROSSING
PVC	POLYVINYL CHLORIDE
Pvmt	PAVEMENT

Q

Q	QUARTER CIRCLE
QCV	QUICK COUPLING VALVE
Qty	QUANTITY

R

R	RADIUS
R & D	REMOVE AND DISPOSE
R & S	REMOVE AND SALVAGE
R/C	RATE OF CHANGE
RCA	REINFORCED CONCRETE ARCH
RCB	REINFORCED CONCRETE BOX
RCP	REINFORCED CONCRETE PIPE
RCPA	REINFORCED CONCRETE PIPE ARCH
RCV	REMOTE CONTROL VALVE
RCVM	REMOTE CONTROL VALVE (MASTER)
RCVMF	REMOTE CONTROL VALVE (MASTER) W/FLOW SENSOR
RCVP	REMOTE CONTROL VALVE W/PRESSURE REGULATOR
RCW	RECYCLED WATER
Rd	ROAD
Rdwy	ROADWAY
RE	RELOCATED EQUIPMENT
RECP	ROLLED EROSION CONTROL PRODUCT
Reinf	REINFORCED, REINFORCEMENT, REINFORCING

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

2025 REVISED STANDARD PLAN RSP A3B

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12-15-25

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Contract No. 01A6677

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	20	20.0	12	15

Davinder Minhas
REGISTERED CIVIL ENGINEER

April 20, 2026
PLANS APPROVAL DATE

Davinder Minhas No. C70022 Exp. 9-30-26 CIVIL STATE OF CALIFORNIA

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TO ACCOMPANY PLANS DATED 07-09-2026

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
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

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
ø	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

2025 REVISED STANDARD PLAN RSP A3C

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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	20	20.0	13	15

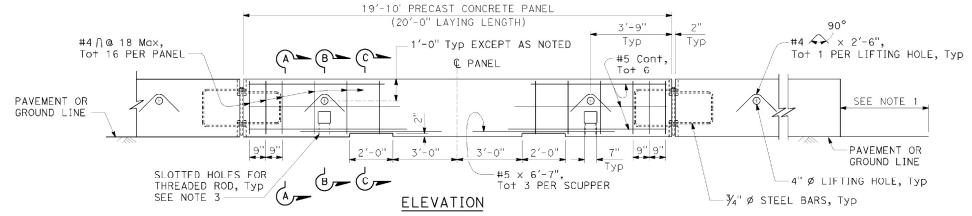
Malik Rehman
REGISTERED CIVIL ENGINEER

April 20, 2026
PLANS APPROVAL DATE

Malik Rehman
No. C83390
Exp. 3-31-27
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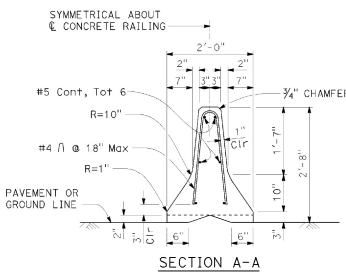
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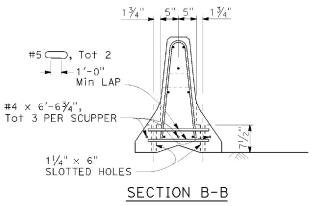
ELEVATION

TYPICAL PANEL

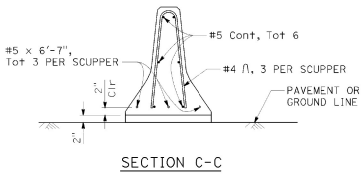
Weight per panel: 3.9 tons



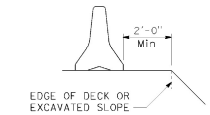
SECTION A-A



SECTION B-B



SECTION C-C

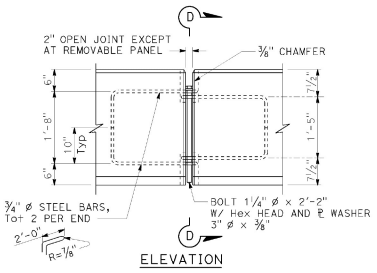


MINIMUM EDGE DISTANCE

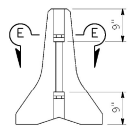
See Note 3

NOTES:

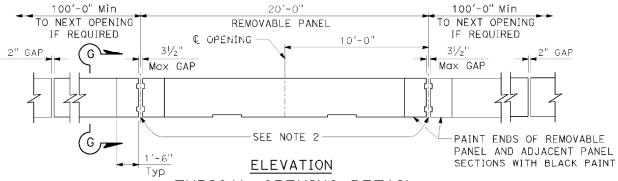
1. For end treatment, layout and crash cushions, where needed, see Project Plans or Special Provisions.
2. All 3½" gaps at removable panels are to be backed at the base with #8 x 10" dowel or 1" ø pin each side of joint, see Section G-G.
3. Where the offset distance from the exposed edge of deck to the closest edge of the temporary railing is less than 2'-0", attach each panel to deck slab with 1" diameter threaded rods (total four per panel) inserted through the slotted holes of the panel and bond in drilled holes 6" deep in the deck slabs. See Bridge Design Memo 13.1.



ELEVATION

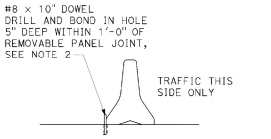


SECTION D-D



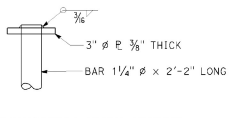
ELEVATION

TYPICAL OPENING DETAIL

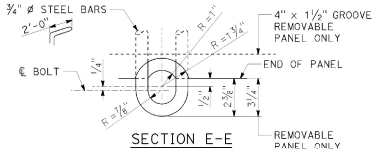


SECTION G-G *

* Section G-G is for concrete pavement. Alternative detail, 1" ø pins 2'-0" long driven in existing AC or HMA.

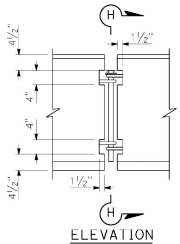


ALTERNATIVE HEAD DETAIL

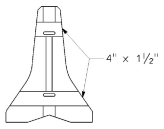


SECTION E-E

BOLT CONNECTION DETAILS



ELEVATION



SECTION H-H

REMOVABLE PANEL GROOVE DETAILS

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY RAILING (TYPE K)

NO SCALE

RSP T3A DATED APRIL 20, 2026 SUPERSEDES STANDARD PLAN T3A DATED SEPTEMBER 19, 2025 - PAGE 312 OF THE STANDARD PLANS BOOK DATED 2025.

REVISED STANDARD PLAN RSP T3A

2025 REVISED STANDARD PLAN RSP T3A

PLOTTED => 9-24-2026 11:44

USERNAME => s152448
DGN FILE => 0124000212va004.dgn

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Contract No. 01A6677

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	20	20.0	14	15

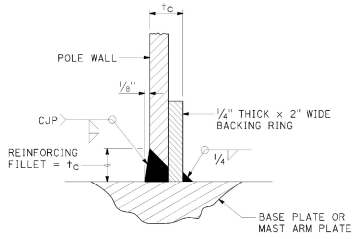
REGISTERED CIVIL ENGINEER

April 20, 2026
PLANS APPROVAL DATE

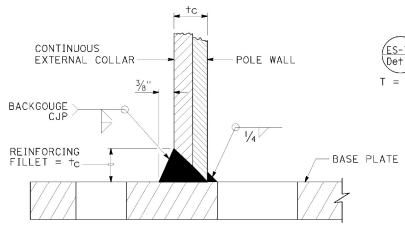
REGISTERED PROFESSIONAL ENGINEER
Mahesh Shrestha
No. C80133
Exp. 9-30-26
CIVIL
STATE OF CALIFORNIA

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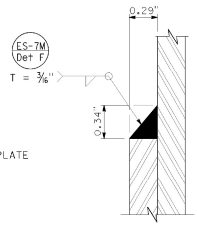
TO ACCOMPANY PLANS DATED 07-09-2026



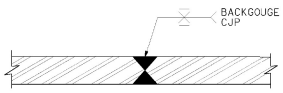
DETAIL B



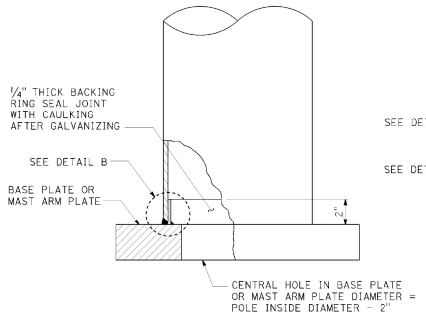
DETAIL C1



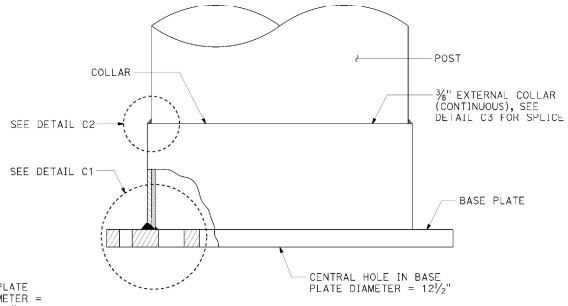
DETAIL C2



DETAIL C3

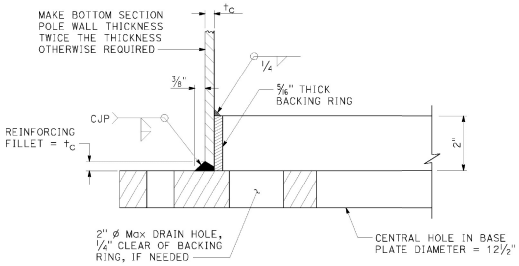


ELEVATION B



ELEVATION C

For alternative base, see Detail C4.



DETAIL C4

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (SIGNAL AND LIGHTING STANDARD, DETAILS No. 3)

NO SCALE

RSP ES-7O DATED APRIL 20, 2026 SUPERSEDES STANDARD PLAN ES-7O
DATED SEPTEMBER 19, 2025 - PAGE 578 OF THE STANDARD PLANS BOOK DATED 2025.

REVISED STANDARD PLAN RSP ES-7O

2025 REVISED STANDARD PLAN RSP ES-7O

DATE PLOTTED => 9-JUL-2026
TIME PLOTTED => 09:48

USERNAME => s152448
DGN FILE => 0124000212va005.dgn

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12-24-25

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Contract No. 01A6677

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	Men	20	20.0	15	15

REGISTERED CIVIL ENGINEER

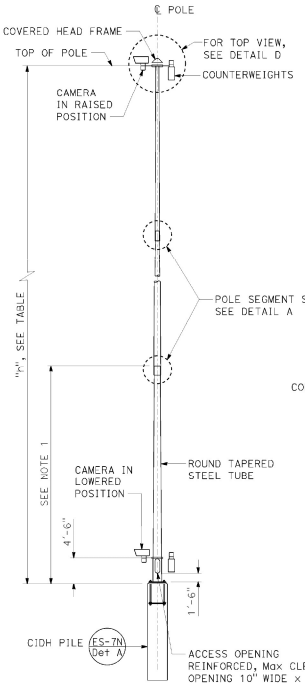
April 20, 2026
PLANS APPROVAL DATE

Mahesh Shrestha
No. C80133
Exp. 9-30-26
CIVIL
STATE OF CALIFORNIA

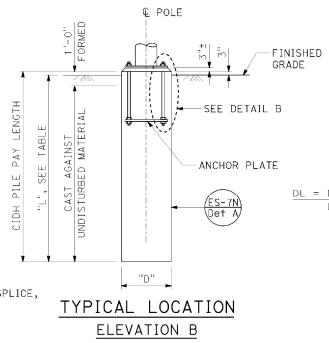
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TO ACCOMPANY PLANS DATED 07-09-2026

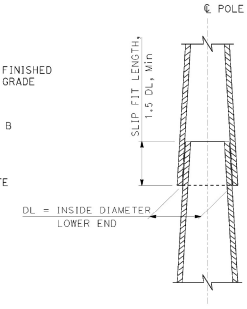
POLE TYPE	POLE DATA					BASE PLATE DATA					CIDH PILE DATA	
	HEIGHT "h"	Min OD		THICKNESS BOTTOM SEGMENT (Min 25' LONG)	Min THICKNESS UPPER SEGMENT(S)	Dia	THICKNESS	ANCHOR BOLT SIZE		BC	"D"	"L"
		BASE	TOP					TOTAL	"d"			
HM CAMERA POLE 50	50'	18"	10⅛"	0.3125"	0.1875"	32"	2"	12	2¼"	25"	3'-6"	13'-0"
HM CAMERA POLE 60	60'		9½"									
HM CAMERA POLE 70	70'	22"	12"			36"	3"			29"	4'-0"	14'-0"
HM CAMERA POLE 80	80'	22"	11⅝"	0.375"	0.25"	39"			3"	30"	4'-6"	
HM CAMERA POLE 90	90'	25"	17⅛"			46"				37"	6'-0"	15'-0"



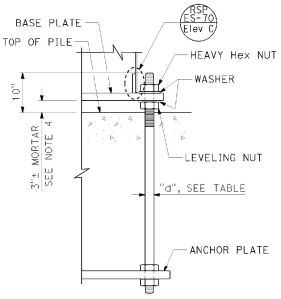
POLE
ELEVATION A



TYPICAL LOCATION
ELEVATION B



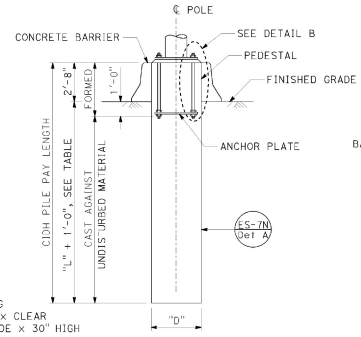
POLE SPLICE SEGMENT
DETAIL A



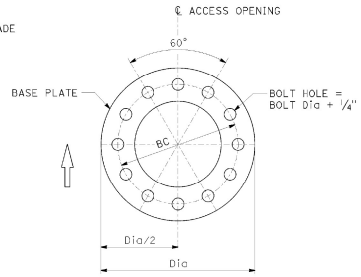
ANCHOR BOLT
DETAIL B

NOTES:

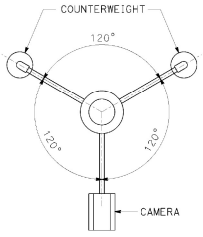
1. Pole details shall suit the lowering device and this foundation plan. Pole details shall be submitted to the Engineer for approval.
2. Access opening shall be located on the downstream side of traffic unless otherwise determined by the Engineer.
3. Foundation design is based on a 3-second wind gust of 100 mph.
4. For central void and drain holes in mortar, see Standard Plan ES-6B Detail N.
5. For wind loading, see Standard Plan ES-7M.
6. Materials (Structural Stee):
   fy = 55,000 psi (tapered steel tube)
   fy = 50,000 psi (unless otherwise noted)



MEDIAN LOCATION
ELEVATION C



BASE PLATE
DETAIL C



TOP VIEW
DETAIL D

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS
(HIGH MAST CAMERA POLE 50' TO 90')

NO SCALE

RSP ES-16C DATED APRIL 20, 2026 SUPERSEDES STANDARD PLAN ES-16C
DATED SEPTEMBER 19, 2025 - PAGE 603 OF THE STANDARD PLANS BOOK DATED 2025.

REVISED STANDARD PLAN RSP ES-16C

2025 REVISED STANDARD PLAN RSP ES-16C

DATE PLOTTED => 5-JUL-2026
TIME PLOTTED => 09:49

USERNAME => s152448
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