

**WARNING:** ALL INDIVIDUALS INTERESTED IN BIDDING ON THIS PROJECT MUST OBTAIN THE FINAL PLANS AND SPECIFICATIONS FROM THE DEPARTMENT MANAGING THE PROJECT OR AS OTHERWISE STATED IN THE ADVERTISEMENT FOR BIDS FOR THE PROJECT. DO NOT USE THE PLANS AND SPECIFICATIONS POSTED ON THE CLERK OF THE BOARD'S WEBSITE FOR BIDDING ON THIS PROJECT.

# **NOTICE TO BIDDERS AND SPECIAL PROVISIONS FOR CONSTRUCTION ON**

## ***DOLA DITCH AND LANZIT DITCH BRIDGE REPLACEMENT***

For use in connection with the following publications of the State of California,  
Department of Transportation:

1. California Department of Transportation (Caltrans) 2023 Standard Specifications, unless specified otherwise in these Special Provisions.
2. Caltrans Standard Plans dated 2023, unless specified otherwise in these Special Provisions.
3. Labor Surcharge and Equipment Rental Rates effective on the date work is accomplished.

***SAN BERNARDINO COUNTY  
DEPARTMENT OF PUBLIC WORKS***

***-- TRANSPORTATION --***



The Notice to Bidders and Special Provisions, prepared for construction on

**DOLA DITCH AND LANZIT DITCH BRIDGE REPLACEMENT**

have been recommended for approval under the direction of the following:

  
\_\_\_\_\_ 6/6/24

Noel Castillo, P.E.  
Director of Public Works

Date:



  
\_\_\_\_\_ 6/5/2024

Mervat Mikhail, P.E.  
Deputy Director of Public Works

Date:



have been prepared by or under the direction of the following Registered Engineers:

  
\_\_\_\_\_ 5/23/2024

Rosa Griggs, P.E.  
Bridge Design Engineer Date:



  
\_\_\_\_\_ 5/23/2024

Matt Atkinson, P.E.  
Roadway Engineer

Date:



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NOT FOR BID

## NOTICE TO BIDDERS

**NOTICE IS HEREBY GIVEN** that the Board of Supervisors of the San Bernardino County, State of California, will receive sealed proposals until

**10:00 A.M., THURSDAY, AUGUST 1, 2024**

in the building of:

San Bernardino County Department of Public Works  
Front Reception Desk  
825 East 3<sup>rd</sup> Street  
San Bernardino, CA 92415-0835

**PLEASE NOTE: All bidders and subcontractors, including, but not limited to persons or entities that deliver ready-mix concrete, must be registered with: 1) the Department of Industrial Relations (with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)); and 2) the County's ePro system prior to the date and time to receive sealed proposals or they will be disqualified. The lowest responsive and responsible bidder and its subcontractors must also be registered with the Department of Industrial Relations at the time of award of the contract and must remain registered throughout the term of the contract pursuant to Labor Code section 1771.1. For more information on the requirements of Labor Code section 1771.1, please see <http://www.dir.ca.gov/Public-Works/SB854.html>.**

Bids (also referred to as "proposals") in response to this solicitation can be submitted through the San Bernardino County Electronic Procurement Network (ePro) <https://epro.sbcounty.gov/bsol/>. **(However, if the bid is submitted in ePro, the bidder's security described herein must still be submitted in person in a sealed envelope prior to the proposal opening date and time)** or hard copy in person, with **the bidder's security described herein in a sealed envelope prior to the proposal opening date and time**, to the San Bernardino County Department of Public Works at which time they will be transmitted, publicly opened and declared via video and teleconference via [goto.com/Meeting](https://goto.com/Meeting) using meeting ID 434-769-549. See the flyer available under the bid posting on ePRO for further login information for the following project:

### ***DOLA DITCH AND LANZIT DITCH BRIDGE REPLACEMENT***

**2.0 Miles East of Kelbaker Road to 2.8 Miles East of Kelbaker Road**

**LENGTH: 0.8 Miles**

**W.O.: H15220**

**AREA: Amboy**

**ROAD NO: 586600-120**

The work, in general, consists of removing two timber bridges and replacing them with two concrete bridges.

This project requires a **Class A** contractor's license issued by the California Contractors State Licensing Board. The Contractor must maintain this license from contract award through contract acceptance. All contractors, including any out-of-state contractors/subcontractors, must comply with all applicable laws and regulations of the State of California at the time of bid and award.

\*\*\*\*\*

A non-mandatory pre-bid meeting is scheduled for

**10:00 A.M., WEDNESDAY, JULY 17, 2024**

To be held via video and teleconference via goto.com using meeting ID 434-769-549. See the flyer available under the bid posting on ePRO for further login information. Handouts from the Pre-bid meeting will be post on ePRO shortly after the Pre-Bid meeting. **All bidders and interested small businesses are encouraged to attend this meeting.**

**This meeting is to inform bidders of project requirements and subcontractors of subcontracting and material supply opportunities.** Bidder's attendance at this meeting is not mandatory, but all bidders are encouraged to attend this meeting.

**NOTICE: BIDDERS MUST OBTAIN BIDDING DOCUMENTS AND PREPARE THEIR BIDS ON FORMS OBTAINED DIRECTLY FROM THE SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS OR FROM THE SAN BERNARDINO COUNTY ELECTRONIC PROCUREMENT NETWORK (ePRO) <https://epro.sbcounty.gov/bsol>. BIDS PREPARED ON FORMS OBTAINED FROM OTHER SOURCES WILL NOT BE ACCEPTED. BIDDERS MUST BE LISTED ON THE OFFICIAL PLAN HOLDERS LIST AT THE TIME BIDS ARE PUBLICLY OPENED. BIDS RECEIVED FROM BIDDERS WHO ARE NOT LISTED ON THE OFFICIAL PLAN HOLDERS LIST WILL NOT BE ACCEPTED.**

Bids shall be prepared in accordance with these Special Provisions and the following:

1. California Department of Transportation (Caltrans) 2023 Standard Specifications, unless specified otherwise in these Special Provisions.
2. Caltrans Standard Plans dated 2023, unless specified otherwise in these Special Provisions.
3. Labor Surcharge and Equipment Rental Rates effective on the date work is accomplished.

These publications are published by Caltrans and may be reviewed at the following website:  
<http://www.dot.ca.gov/des/oe/construction-contract-standards.html>.

The bids must also be accompanied by cash, cashier's check, certified check, or bidder's bond executed by an admitted surety insurer, made payable to the San Bernardino County in the amount of at least ten percent of the amount of the bid given as a guarantee that the bidder will enter into a contract. The contract shall be signed by the successful bidder and returned **within 10 days**, and the contract bonds, copy of insurance policies, and Certificates of Insurance, with documents to verify any self-insurance coverage shall be provided **within 10 days**, not including Saturdays, Sundays and legal holidays, after the bidder has received the contract for execution.

The Engineer will issue two (2) Notices to Proceed, the first being a Notice to Proceed with Submittals, and the second being a Notice to Proceed with Construction. The Contractor shall begin construction work **within 15 days** after the Notice to Proceed with Construction (excluding Saturday, Sunday, and holidays). Pursuant to Section 1-1.07, "DEFINITIONS", of the Standard Specifications, "day" means "24 consecutive hours running from midnight to midnight; calendar day".

**The Plans and Special Provisions may be obtained at no cost by visiting <http://epro.sbcounty.gov/bsol>**

With the purchase, a return address must be furnished which the purchaser thereby agrees is sufficient to reach him/her. Please note that, upon payment of the purchase price, the purchased copy of the plans and Special Provisions become the property of the purchaser and are not to be returned to the County for refund.

**QUESTIONS:** Bidders must submit all questions in writing, by mail, fax, or e-mail. The deadline for bidder questions is **4:00 P.M. on FRIDAY, July 19, 2024**

**BONDS:** The successful bidder will be required to furnish a Labor and Materials Bond and a Faithful Performance Bond, each in a penal sum equal to one hundred percent of the contract price.

Notice is hereby given that the successful bidder who is awarded the contract may avail itself to Public Contract Code section 22300 which allows substitute securities to be deposited in lieu of retention payments withheld to insure performance.

**ePRO:** Attention is directed to Section 2, "Proposal Requirements and Conditions" regarding the San Bernardino County's Electronic Procurement Network (ePro) system. THIS SYSTEM REQUIRES NEW REGISTRATION FOR ALL VENDORS DOING BUSINESS WITH THE COUNTY.

**EQUAL EMPLOYMENT OPPORTUNITY:** During the term of the Agreement, Contractor shall not discriminate against any employee or applicant for employment because of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, sexual orientation, age, or military and veteran status. Contractor shall comply with Executive Orders 11246, 11375, 11625, 12138, 12432, 12250, 13672, Title VI and Title VII of the Civil Rights Act of 1964, the California Fair Housing and Employment Act and other applicable Federal, State of California and County laws and regulations and policies relating to equal employment and contracting opportunities, including laws and regulations hereafter enacted.

This contract is subject to the State of California contract nondiscrimination and compliance requirements pursuant to Government Code section 12990.

**EMERGING SMALL BUSINESS ENTERPRISE PROGRAM:** Contractors are encouraged to participate in the San Bernardino County Emerging Small Business Enterprise (ESBE) Program. Questions regarding the ESBE Program should be directed to the Department of Public Works, Contracts Division at (909) 387-7920.

**CONFLICT OF INTEREST AND FORMER COUNTY OFFICIALS:** Attention is directed to the Conflict of Interest and Former County Officials requirements in the special provisions.

**REPORT BID RIGGING:** Please report any suspected bid rigging, bidder collusion, and other fraudulent activities in order for the County to identify and investigate highway construction contract fraud and abuse. You may report such activities by calling the Department's Contracts Division phone number at (909) 387-7920.

**PREVAILING WAGES:** Pursuant to section 1773 of the Labor Code, the general prevailing rates of wages in the San Bernardino County have been determined and are listed in the State of California Department of Industrial Relations Director's General Prevailing Wage Determinations (<https://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). In addition, these wages are set forth in the General Prevailing Wage Rates included in these Special Provisions. The Contractor and subcontractors shall not pay less than the prevailing wage. Copies of the prevailing wage rates are also on file at the San Bernardino County Department of Public Works Contracts Division office (address identified above) and shall be made available to any interested party on request. A copy of the determination of the Director of prevailing rate of per diem wages shall be posted at each job site. More specifically, the Contractor shall post the general prevailing wage rates at a prominent place at the job site (Labor Code section 1773.2).

Future effective general prevailing wage rates, which have been predetermined and are on file with the California Department of Industrial Relations are referenced but not printed in the general prevailing wage rates.

**LABOR CODE REQUIREMENTS REGARDING REGISTRATION AS CONTRACTOR OR SUBCONTRACTOR REQUIRED PRIOR TO BID PROPOSAL SUBMISSION:** Contractor shall comply with Labor Code section 1771.1, including, but not limited to, the following requirements: (1) no contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 (with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)); (2) no contractor or subcontractor may be awarded a contract for public work or perform work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5; (3) this Project is subject to compliance monitoring and enforcement by the Department of Industrial Relations; (4) Contractor shall post job site notices regarding compliance monitoring and enforcement by the Department of

Industrial Relations; and (5) Contractor must submit certified payroll at least monthly to the Labor Commissioner in a format prescribed by the Labor Commissioner.

As provided in Labor Code section 1771.1:

(a) A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.

(b) Notice of the requirement described in subdivision (a) shall be included in all bid invitations and public works contracts, and a bid shall not be accepted nor any contract or subcontract entered into without proof of the contractor or subcontractor's current registration to perform public work pursuant to Section 1725.5.

(c) An inadvertent error in listing a subcontractor who is not registered pursuant to Section 1725.5 in a bid proposal shall not be grounds for filing a bid protest or grounds for considering the bid nonresponsive, provided that any of the following apply:

(1) The subcontractor is registered prior to the bid opening.

(2) Within 24 hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in subparagraph (E) of paragraph (2) of subdivision (a) of Section 1725.5.

(3) The subcontractor is replaced by another registered subcontractor pursuant to Section 4107 of the Public Contract Code.

(d) Failure by a subcontractor to be registered to perform public work as required by subdivision (a) shall be grounds under Section 4107 of the Public Contract Code for the contractor, with the consent of the awarding authority, to substitute a subcontractor who is registered to perform public work pursuant to Section 1725.5 in place of the unregistered subcontractor.

(e) The department shall maintain on its Internet Web site a list of contractors who are currently registered to perform public work pursuant to Section 1725.5.

(f) A contract entered into with any contractor or subcontractor in violation of subdivision (a) shall be subject to cancellation, provided that a contract for public work shall not be unlawful, void, or voidable solely due to the failure of the awarding body, contractor, or any subcontractor to comply with the requirements of Section 1725.5 or this section.

(g) If the Labor Commissioner or his or her designee determines that a contractor or subcontractor engaged in the performance of any public work contract without having been registered in accordance with this section, the contractor or subcontractor shall forfeit, as a civil penalty to the state, one hundred dollars (\$100) for each day of work performed in violation of the registration requirement, not to exceed an aggregate penalty of eight thousand dollars (\$8,000) in addition to any penalty registration fee assessed pursuant to clause (ii) of subparagraph (E) of paragraph (2) of subdivision (a) of Section 1725.5.

(h) (1) In addition to, or in lieu of, any other penalty or sanction authorized pursuant to this chapter, a higher tiered public works contractor or subcontractor who is found to have entered into a subcontract with an unregistered lower tier subcontractor to perform any public work in violation of the requirements of Section 1725.5 or this section shall be subject to forfeiture, as a civil penalty to the state, of one hundred dollars (\$100) for each day the unregistered lower tier subcontractor performs work in violation of the registration requirement, not to exceed an aggregate penalty of ten thousand dollars (\$10,000).

(2) The Labor Commissioner shall use the same standards specified in subparagraph (A) of paragraph (2) of subdivision (a) of Section 1775 when determining the severity of the violation and what penalty to assess, and may waive the penalty for a first time violation that was

unintentional and did not hinder the Labor Commissioner's ability to monitor and enforce compliance with the requirements of this chapter.

(3) A higher tiered public works contractor or subcontractor shall not be liable for penalties assessed pursuant to paragraph (1) if the lower tier subcontractor's performance is in violation of the requirements of Section 1725.5 due to the revocation of a previously approved registration.

(4) A subcontractor shall not be liable for any penalties assessed against a higher tiered public works contractor or subcontractor pursuant to paragraph (1). A higher tiered public works contractor or subcontractor may not require a lower tiered subcontractor to indemnify or otherwise be liable for any penalties pursuant to paragraph (1).

(i) The Labor Commissioner or his or her designee shall issue a civil wage and penalty assessment, in accordance with the provisions of Section 1741, upon determination of penalties pursuant to subdivision (g) and subparagraph (B) of paragraph (1) of subdivision (h). Review of a civil wage and penalty assessment issued under this subdivision may be requested in accordance with the provisions of Section 1742. The regulations of the Director of Industrial Relations, which govern proceedings for review of civil wage and penalty assessments and the withholding of contract payments under Article 1 (commencing with Section 1720) and Article 2 (commencing with Section 1770), shall apply.

(j) (1) Where a contractor or subcontractor engages in the performance of any public work contract without having been registered in violation of the requirements of Section 1725.5 or this section, the Labor Commissioner shall issue and serve a stop order prohibiting the use of the unregistered contractor or the unregistered subcontractor on all public works until the unregistered contractor or unregistered subcontractor is registered. The stop order shall not apply to work by registered contractors or subcontractors on the public work.

(2) A stop order may be personally served upon the contractor or subcontractor by either of the following methods:

(A) Manual delivery of the order to the contractor or subcontractor personally.

(B) Leaving signed copies of the order with the person who is apparently in charge at the site of the public work and by thereafter mailing copies of the order by first class mail, postage prepaid to the contractor or subcontractor at one of the following:

(i) The address of the contractor or subcontractor on file with either the Secretary of State or the Contractors' State License Board.

(ii) If the contractor or subcontractor has no address on file with Secretary of State or the Contractors' State License Board, the address of the site of the public work.

(3) The stop order shall be effective immediately upon service and shall be subject to appeal by the party contracting with the unregistered contractor or subcontractor, by the unregistered contractor or subcontractor, or both. The appeal, hearing, and any further review of the hearing decision shall be governed by the procedures, time limits, and other requirements specified in subdivision (a) of Section 238.1.

(4) Any employee of an unregistered contractor or subcontractor who is affected by a work stoppage ordered by the commissioner pursuant to this subdivision shall be paid at his or her regular hourly prevailing wage rate by that employer for any hours the employee would have worked but for the work stoppage, not to exceed 10 days.

(k) Failure of a contractor or subcontractor, owner, director, officer, or managing agent of the contractor or subcontractor to observe a stop order issued and served upon him or her pursuant to subdivision (j) is guilty of a misdemeanor punishable by imprisonment in county jail not exceeding 60 days or by a fine not exceeding ten thousand dollars (\$10,000), or both.

(l) This section shall apply to any bid proposal submitted on or after March 1, 2015, and any contract for public work entered into on or after April 1, 2015. This section shall also apply to the

performance of any public work, as defined in this chapter, on or after January 1, 2018, regardless of when the contract for public work was entered.

(m) Penalties received pursuant to this section shall be deposited in the State Public Works Enforcement Fund established by Section 1771.3 and shall be used only for the purposes specified in that section.

(n) This section shall not apply to work performed on a public works project of twenty-five thousand dollars (\$25,000) or less when the project is for construction, alteration, demolition, installation, or repair work or to work performed on a public works project of fifteen thousand dollars (\$15,000) or less when the project is for maintenance work.

**LABOR CODE REQUIREMENTS FOR ENTITIES HAULING OR DELIVERING READY-MIXED CONCRETE:**

Adherence to the prevailing wage requirements found in Labor Code section 1720.9 for the hauling and delivery of ready-mixed concrete is required. This includes, but is not limited to, a requirement for the person or entity that delivers ready-mixed concrete to register with the Department of Industrial Relations (DIR) as specified in Labor Code section 1725.5. For more information, please see the DIR website: <http://www.dir.ca.gov/>.

**IRAN CONTRACTING ACT OF 2010 (Public Contract Code section 2200 et seq.) (Applicable only to Contracts of One Million Dollars (\$1,000,000) or More):** In accordance with Public Contract Code section 2204(a), the bidder certifies that at the time the bid is submitted, the bidder signing the bid is not identified on a list created pursuant to subdivision (b) of Public Contract Code section 2203 as a person (as defined in Public Contract Code section 2202(e)) engaging in investment activities in Iran described in subdivision (a) of Public Contract Code section 2202.5, or as a person described in subdivision (b) of Public Contract Code section 2202.5, as applicable.

**RUSSIAN SANCTION/EXECUTIVE ORDER N-6-22 (Applicable for all Contracts of five million dollars (\$5,000,000) or more utilizing State funding.):** 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 (<https://home.treasury.gov/policy-issues/financial-sanctions/sanctions-programs-and-country-information/ukraine-russia-related-sanctions>), as well as any sanctions imposed under state law (<https://www.dgs.ca.gov/OLS/Ukraine-Russia>). The EO directs state agencies and their contractors (including by agreement or receipt of a grant) to terminate contracts with, and to refrain from entering any new contracts with, individuals or entities that are determined to be a target of Economic Sanctions. Accordingly, should it be determined that Contractor is a target of Economic Sanctions or is conducting prohibited transactions with sanctioned individuals or entities, that shall be grounds for termination of this agreement. Contractor shall be provided advance written notice of such termination, allowing Contractor at least 30 calendar days to provide a written response. Termination shall be at the sole discretion of the County.

**PAYMENT BY ELECTRONIC FUND TRANSFER:** Contractor shall accept all payments from County via electronic funds transfer (EFT) directly deposited into the Contractor's designated checking or other banking account. Contractor shall promptly comply with directions and accurately complete forms provided by County required to process EFT payments.

**CALIFORNIA AIR RESOURCES BOARD (CARB) IN-USE OFF-ROAD DIESEL-FUELED FLEETS**

**REGULATION COMPLIANCE CERTIFICATION:** This Project is subject to the California Air Resources Board (CARB) approved amendments relating to In-Use Off Road Diesel-Fueled Fleets found at California Code of Regulations Title 13, sections 2449, 2449.1, and 2449.2 (the "Regulations"). The Regulations require a Prime Contractor, bidding on a public works project to be awarded by any public works awarding body, to certify that the Contractor's off-road diesel-fueled fleets comply with CARB regulations. Section 2249(b) includes a list of off-road diesel-fueled fleets subject to these regulations. It is the responsibility of the Contractor to verify if their fleet is subject to these regulations.

Contractor is required to obtain and submit Certificates of Reported Compliance from all subcontractors that are listed in the bid submission. Failure to provide Contractor's CARB compliance number may constitute a material irregularity rendering their bid non-responsive and non-responsible, and subject to rejection for non-responsiveness.

No award shall be made to a Contractor that has failed to provide its CARB compliance certificates, unless the Contractor confirms that no equipment subject to the regulation will be used to execute the Contract Work. By submitting a bid, the Bidder hereby certifies that it is aware of the requirements set forth in Sections 2449, 2449.1, and 2449.2, Title 13, California Code of Regulations and any successful Bidder and its subcontractors shall comply with sections 2449, 2449.1, 2449.2 of Title 13 of the California Code of Regulations, including by providing Certificate(s) of Reported Compliance for In-Use Off-Road Diesel-Fueled Fleets for the fleet selected for the contract and their listed subcontractors, if applicable, with its bid.

Contractor shall not enter into a contract with a fleet for which it does not have a valid Certificate of Reported Compliance for the fleet and Contractor's listed subcontractors, if applicable, prior to entering into a new or renewed contract with that fleet. Contractor shall only allow fleets with valid Certificates of Reported Compliance on Contractor's job sites. The Certificates of Reported Compliance received by the Contractor for this Project must be retained for three (3) years after the Project's completion. Upon request by CARB, these records must be provided to CARB within five (5) business days of the request. Between March 1 and June 1 of each year, Contractor must collect new valid Certificates of Reported Compliance for the current compliance year, as defined in Regulation Section 2449(n), from all fleets that have an ongoing contract with the Contractor as of March 1 of that year. Contractor must not write contracts to evade this requirement.

If Contractor discovers that any fleet intending to operate vehicles subject to the Regulation for Contractor does not have a valid Certificate of Reported Compliance, as defined in Regulation section 2449(n), or if Contractor observes any noncompliant vehicles subject to the Regulation on Contractor's job site, then Contractor must report the required information to CARB within the time period contained in in the Regulations.

Upon request by CARB, Contractor must immediately disclose to CARB the name and contact information of each responsible party for all vehicles subject to the Regulation operating at the job site or for Contractor. If applicable, Contractor shall prominently display signage for any project where vehicles subject to the Regulation as provided and within the time period contained in the Regulation.

Situations in which prime contractors or public works awarding bodies, as applicable, are contracting for projects that are considered emergency operations, as defined in section 2449(c)(18), are exempt from the requirements in section 2449(i)(1)-(3), but must still retain records verifying vehicles subject to the regulation that are operating on the emergency operations project are actually being operated on the project for emergency operations only. These records must include a description of the emergency, the address or a description of the specific location of the emergency, the dates on which the emergency operations were performed, and an attestation by the fleet that the vehicles are operated on the project for emergency operations only.

Contractor shall complete and return the "California Air Resources Board (CARB) In-Use Off-Road Diesel-Fueled Fleets Certification of Compliance" form attached hereto as a condition to bidding this Project.

The addition of these requirements shall be considered in concert with existing documents in preparation of bids.

**NOEL CASTLLO, P.E., DIRECTOR**  
**DEPARTMENT OF PUBLIC WORKS**



By:  
**ANDY SILAO, P.E., Engineering Manager**  
Contracts Division

DATE: \_\_\_\_\_



2. Office Engineer, Engineer or Director -- The Director of the Department of Public Works acting either directly or through properly authorized agents, engineer, assistants, inspectors and superintendents acting severally within the scope of the particular duties delegated to them.
3. Attorney General -- The San Bernardino County Board of Supervisors.
4. Laboratory -- Any laboratory authorized by the Department of Public Works to test materials and work involved in the contract.
5. Liquidated Damages -- In accordance with Section 8-1.10 of the Standard Specifications, the amount prescribed in Section 8 of the Special Provisions to be paid to the County pursuant to the indicated conditions.
6. Engineer's Estimate -- The lists of estimated quantities of work to be performed as contained in the contract documents.
7. State -- San Bernardino County.
8. Awarding Authority - Means the authorized body or officer that awarded the public works contract.
9. Consultant - Means person(s), sole proprietorships, partnerships, associations, joint ventures, corporations, institutions or other entities who provide expert, professional assistance to the County under a contract.
10. Contract - Means an agreement between two parties consisting of an offer and an acceptance resulting from solicitation of bids or proposals, in which each party commits to stipulated prices, terms and conditions, or materials or services.
11. Contractor - Means any person, sole proprietorship, partnership, association, corporation, joint venture, institution or other entity which is a party to a contract.
12. Minority -- Means the same as defined in Public Contract Code section 2051(c).
13. Small Business Concern -- Means a small business as defined by Section 3 of the Small Business Act and relevant regulations found in Title 13 Part 121 of the CFR.
14. Procurement - Includes the acquisition of material, supplies, goods equipment, systems, construction and services through both formal (including competitive bids) and informal transactions which result in purchase orders and/or contracts.
15. Public Works Contract - Is an agreement to perform the work described in Public Contract Code section 22002.
16. Purchase - Means a method of procurement which results in an order for materials, supplies, goods, equipment, systems or services.
17. Purchase Order - Is defined as a form of contract which is used to order supplies, equipment, goods, systems or services. These are either unilateral, or one signature in nature, subject to performance by a vendor to form a contractual obligation.
18. Purchasing Agent - Means the Director of the Purchasing Department.
19. Bidder/Proposer - Means any person or entity making an offer or proposal to provide goods and/or services to the County.
20. Subcontractor - Means an individual or business firm contracting to perform part or all of another's contract.
21. Bid Item List -- Means the schedule of items found in the Proposal pages starting on P-1 of these Special Provisions.
22. Bid book -- Means the Proposal pages starting on P-1 of these Special Provisions.
23. Estimated Cost -- Is the estimated cost of the project.

24. Holiday – Holidays shown in the following

<b>Holidays</b>	
Holiday	Date observed
Every Sunday	Every Sunday
New Year's Day	January 1st
Birthday of Martin Luther King, Jr.	3rd Monday in January
Washington's Birthday	3rd Monday in February
Memorial Day	Last Monday in May
Juneteenth	June 19
Independence Day	July 4th
Labor Day	1st Monday in September
Columbus Day	2nd Monday in October
Veterans Day	November 11th
Thanksgiving Day	4th Thursday in November
Day after Thanksgiving Day	Day after Thanksgiving Day
Christmas Day Eve	December 24th
Christmas Day	December 25th
New Year's Day Eve	December 31st

If a holiday falls on a Sunday the next weekday that is not a holiday will be taken as a holiday.

If a holiday falls on a Saturday the previous weekday that is not a holiday will be taken as a holiday.

25. Informal-bid contract – Means a contract that has "Informal Bid Authorized by Public Contract Code section 22032(b)" on the cover of the Notice to Bidders and Special Provisions.

26. Labor Surcharge and Equipment Rental Rates - Means Caltrans publication that lists labor surcharge and equipment rental rates.

27. Offices of Structure Design or OSD means the Engineer.

28. "Labor Compliance Office of the district" or "Labor Compliance Office" means the Department's Contracts Division.

29. Business Day - Day on the calendar except a Saturday, Sunday and a holiday.

30. Working Day – This definition is the same as that provided in the Standard Specifications except for the exclusion in subsection 2.1 of the definition of "working day" found in section 1-1.07B, "Glossary," which is revised to state "Saturday, Sunday and a holiday."

Other terms appearing in the Standard Specifications and these Special Provisions shall have the intent and meaning specified in Section 1, "General," of the Standard Specifications. In the event of a conflict between the above terms and definitions and the terms and definitions identified in the Standard Specifications, the terms and definitions used in these Special Provisions shall control. Pursuant to section 1-1.07, "DEFINITIONS," of the Standard Specifications, unless otherwise noted as a "working day" or "business day," "day" in these Special Provisions means "24 consecutive hours running from midnight to midnight; calendar day."

**Delete section 1-1.08, "DISTRICTS."**

**Delete section 1-1.11, "WEB SITES, ADDRESSES, AND TELEPHONE NUMBERS."**

**Replace section 1-1.12, "MISCELLANY," with:**

**1-1.12 MISCELLANY**

Make checks and bonds payable to the San Bernardino County.

AA

## 2 BIDDING

**Add the following paragraphs to section 2-1.01, "GENERAL":**

The bidder must comply with the provisions in Section 2, "Bidding" of the Standard Specifications and these Special Provisions for the requirements and conditions which the bidder must observe in the preparation of the proposal form and the submission of the bid.

In addition to the subcontractors required to be listed in conformance with Section 2-1.10, "Subcontractor List," of the Standard Specifications, each proposal must have listed therein the portion of work that will be done by each subcontractor listed. A sheet for listing the subcontractors is included in the Proposal.

In accordance with Public Contract Code section 7106, a Noncollusion Declaration is included in the Proposal. All bidders must review, sign and submit the Noncollusion Declaration with their bid. **Any bid that fails to include an executed Noncollusion Declaration shall be considered nonresponsive.**

**The Proposal, including all required forms, must be signed by the bidder or an authorized representative of bidder. PROPOSALS THAT ARE NOT SIGNED WILL BE DEEMED NONRESPONSIVE AND REJECTED.**

**Replace the 6th paragraph of section 2-1.04, "Pre-bid Outreach Meeting," with:**

The Department may hold a single pre-bid meeting for more than one contract. Sign the sign-in sheet for the contract you intend to bid on. If you are bidding on multiple contracts, sign each sign-in sheet for each contract you intend to bid on. The sign-in sheets, with the names of all companies in attendance at each pre-bid meeting, will be made available through ePro and/or the Department for all bidders to view

**Delete section 2-1.04, "PREBID OUTREACH MEETING"**

**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 <i>Information Handout</i>	<u>Cross Sections</u>
Available as specified in the <i>Standard Specifications</i>	<u>Foundation Report, Dola Ditch Bridge, County Bridge No. 81, Caltrans Bridge No. 54C0285 and Foundation Report, Lanzit Ditch Bridge, County Bridge No. 82, Caltrans Bridge No. 54C0286</u>
Included with the project plans	<u>Log of Test Borings</u>

**Delete the 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> Paragraph of section 2-1.06, "SUPPLEMENTAL PROJECT INFORMATION"**

**Replace section 2-1.06A, "General," with:**

#### 2-1.06A General

The Proposal, which includes the Bid Item List, can be found in these Special Provisions and on the San Bernardino County Electronic Procurement Network (<https://epro.sbcounty.gov/bsol/>) as described further herein, and shall be used.

**Replace section 2-1.06B, "Supplemental Project Information," with:**

#### 2-1.06B Supplemental Project Information

The County makes supplemental information available as specified in these Special Provisions.

If supplemental project information is available for inspection, bidders may view it by phoning in a request. The Contracts Division phone number is (909) 387-7920. Make your request at least 7 days before viewing. Include in your request:

1. Project title
2. Work order number
3. Viewing date
4. Contact information, including telephone number

The supplemental information may be available to interested parties at the following address:

San Bernardino County Department of Public Works  
Contracts Division  
825 East 3<sup>rd</sup> Street, Room 147  
San Bernardino, CA 92415-0835

**Replace section 2-1.10, "SUBCONTRACTOR LIST," with:**

#### **2-1.10 SUBCONTRACTOR LIST**

On the Subcontractor List form, list each subcontractor to perform work in an amount in excess of 1/2 of 1 percent of the total bid or \$10,000, whichever is greater (Pub Cont Code § 4100 et seq.).

For each subcontractor listed, the Subcontractor List form must show:

1. Business name and the location of its place of business.
2. California contractor license number for a non-federal-aid contract.
3. Department of Industrial Relations public works contractor registration number.
4. The portion of work it will perform. The prime contractor shall list only one subcontractor for each portion as is defined by the prime contractor in his or her bid.

**Delete Section 2-1.12, "DISADVANTAGED BUSINESS ENTERPRISES"**

**Delete section 2-1.15, "DISABLED VETERAN BUSINESS ENTERPRISES."**

**Delete section 2-1.18, "SMALL BUSINESS AND NON-SMALL BUSINESS SUBCONTRACTOR PREFERENCES."**

**Delete section 2-1.27, "CALIFORNIA COMPANIES."**

**Delete section 2-1.31, "OPT OUT OF PAYMENT ADJUSTMENTS FOR PRICE INDEX FLUCTUATIONS."**

**Add the following paragraphs to section 2-1.33, "BID DOCUMENT COMPLETION AND SUBMITTAL":**

#### **ePRO**

Bids must be received by the designated date and time. An electronic bid can be submitted through the San Bernardino County Electronic Procurement Network (ePro) <https://epro.sbcounty.gov/epro/>. Submittals in ePro will be opened from the system's "encrypted lock box" and evaluated as stated in this solicitation. If the bid is submitted through ePro, the bid may also be withdrawn OR retrieved, adjusted, and re-submitted by the bidder at any time prior to the scheduled deadline for submission of the bid. Paper responses will also be accepted at the location identified in the solicitation and can be withdrawn at

any time prior to the scheduled deadline for submission of the bid. If the bid is submitted through ePro, the bidder acknowledges that its electronic signature is legally binding. All bidders must register with the ePro system prior to the date and time to receive the bid or they will be disqualified. Late or incomplete bids will be considered non responsive. A "complete" bid is defined as a bidder's submittal that includes all bid documents (i.e., the bid / proposal, bidder's security in a separately sealed envelope, and any other bid documents required for the project). System-related issues in ePro shall be directed to Vendor support at [ePro.Vendors@buyspeed.com](mailto:ePro.Vendors@buyspeed.com) or at (855) 800-5046. For procurement questions involving ePro, please contact the Purchasing Department at (909) 387-2060. **NOTE: If sending the bid or bid bond to the Public Works Department in a mail envelope (i.e. U.S. Postal Office, Federal Express, etc.) please enclose the bid and/or bond inside the mail envelope in a separately sealed envelope bearing the title of the project, the name of the bidder, and marked "Bid Proposal and/or Bid Bond". All mail, including Priority and Express Mail, sent via the U.S. Postal Service is received by the County's mail room then distributed to the Public Works Department. This can cause a delay in the receipt of bids. The County is not responsible for any delays caused by mail service to a different County location. It is Bidder's responsibility to ensure bids and bid bonds are received at the Public Works Department, 825 East 3rd Street, Front Reception Desk, San Bernardino, CA, on or before the time set for opening of bids.**

**REQUIRED LISTING OF SUBCONTRACTORS** A sheet for listing the subcontractors, as required herein, is included in the Proposal.

**Delete section 2-1.33A, "General."**

**Delete section 2-1.33B, "Bid Form Submittal Schedules."**

**Replace section 2-1.34, "BIDDER'S SECURITY," with:**

#### **2-1.34 PROPOSAL GUARANTY**

• All bids/proposals shall be presented either under sealed cover or submitted through the San Bernardino County Electronic Procurement Network (ePro) and accompanied by one of the following forms of bidder's security:

Cash, a cashier's check, a certified check, or a bidder's bond executed by an admitted surety insurer, made payable to the County of San Bernardino.

• The security shall be in an amount equal to at least 10 percent of the amount of bid. A bid / proposal will not be considered unless it is accompanied by one of the forms of bidder's security, in accordance with what is stated below.

• The bidder's bond shall conform to the bond form labeled as "Bid Bond" in the "Proposal" section of these Special Provisions, and shall be properly filled out and executed. The "Bid Bond" form provided in the "Proposal" section of these Special Provisions may be used. Upon request, copies of the "Bid Bond" forms may be obtained from the Department.

If the bid is submitted through the ePro, bidder shall scan the bid security (bid bond) and submit the scanned copy with the bid submittal in ePro. **In addition, bidder shall mail or submit in person the original bid security, in a separate sealed envelope labeled "Bid Bond" with the title of the work and the name of the bidder clearly marked on the outside, to: Department of Public Works, 825 E. 3rd Street, Front Reception, San Bernardino, California, 92415-0835. Any mailed or submitted bid security must be received on or before the time set for the opening of the bids.**

**Any bid/proposal that fails to include an original paper submission of the bidder's security in a separately sealed mailed or otherwise submitted envelope shall be considered nonresponsive.** Bidder's attention is directed to Section 2-1.33, "ePro," of these Special Provisions for further details

**Delete the 1st paragraph of section 2-1.40, "BID WITHDRAWAL."**

**Replace section 2-1.43, "BID OPENING," with:**

#### **2-1.43 PUBLIC OPENING OF THE BID**



the Department of Industrial Relations; and (5) Contractor must submit certified payroll at least monthly to the Labor Commissioner in a format prescribed by the Labor Commissioner. As provided in Labor Code section 1771.1:

(a) A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.

(b) Notice of the requirement described in subdivision (a) shall be included in all bid invitations and public works contracts, and a bid shall not be accepted nor any contract or subcontract entered into without proof of the contractor or subcontractor's current registration to perform public work pursuant to Section 1725.5.

(c) An inadvertent error in listing a subcontractor who is not registered pursuant to Section 1725.5 in a bid proposal shall not be grounds for filing a bid protest or grounds for considering the bid nonresponsive, provided that any of the following apply:

(1) The subcontractor is registered prior to the bid opening.

(2) Within 24 hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in subparagraph (E) of paragraph (2) of subdivision (a) of Section 1725.5.

(3) The subcontractor is replaced by another registered subcontractor pursuant to Section 4107 of the Public Contract Code.

(d) Failure by a subcontractor to be registered to perform public work as required by subdivision (a) shall be grounds under Section 4107 of the Public Contract Code for the contractor, with the consent of the awarding authority, to substitute a subcontractor who is registered to perform public work pursuant to Section 1725.5 in place of the unregistered subcontractor.

(e) The department shall maintain on its Internet Web site a list of contractors who are currently registered to perform public work pursuant to Section 1725.5.

(f) A contract entered into with any contractor or subcontractor in violation of subdivision (a) shall be subject to cancellation, provided that a contract for public work shall not be unlawful, void, or voidable solely due to the failure of the awarding body, contractor, or any subcontractor to comply with the requirements of Section 1725.5 or this section.

(g) If the Labor Commissioner or his or her designee determines that a contractor or subcontractor engaged in the performance of any public work contract without having been registered in accordance with this section, the contractor or subcontractor shall forfeit, as a civil penalty to the state, one hundred dollars (\$100) for each day of work performed in violation of the registration requirement, not to exceed an aggregate penalty of eight thousand dollars (\$8,000) in addition to any penalty registration fee assessed pursuant to clause (ii) of subparagraph (E) of paragraph (2) of subdivision (a) of Section 1725.5.

(h) (1) In addition to, or in lieu of, any other penalty or sanction authorized pursuant to this chapter, a higher tiered public works contractor or subcontractor who is found to have entered into a subcontract with an unregistered lower tier subcontractor to perform any public work in violation of the requirements of Section 1725.5 or this section shall be subject to forfeiture, as a civil penalty to the state, of one hundred dollars (\$100) for each day the unregistered lower tier subcontractor performs work in violation of the registration requirement, not to exceed an aggregate penalty of ten thousand dollars (\$10,000).

(2) The Labor Commissioner shall use the same standards specified in subparagraph (A) of paragraph (2) of subdivision (a) of Section 1775 when determining the severity of the violation

and what penalty to assess, and may waive the penalty for a first time violation that was unintentional and did not hinder the Labor Commissioner's ability to monitor and enforce compliance with the requirements of this chapter.

(3) A higher tiered public works contractor or subcontractor shall not be liable for penalties assessed pursuant to paragraph (1) if the lower tier subcontractor's performance is in violation of the requirements of Section 1725.5 due to the revocation of a previously approved registration.

(4) A subcontractor shall not be liable for any penalties assessed against a higher tiered public works contractor or subcontractor pursuant to paragraph (1). A higher tiered public works contractor or subcontractor may not require a lower tiered subcontractor to indemnify or otherwise be liable for any penalties pursuant to paragraph (1).

(i) The Labor Commissioner or his or her designee shall issue a civil wage and penalty assessment, in accordance with the provisions of Section 1741, upon determination of penalties pursuant to subdivision (g) and subparagraph (B) of paragraph (1) of subdivision (h). Review of a civil wage and penalty assessment issued under this subdivision may be requested in accordance with the provisions of Section 1742. The regulations of the Director of Industrial Relations, which govern proceedings for review of civil wage and penalty assessments and the withholding of contract payments under Article 1 (commencing with Section 1720) and Article 2 (commencing with Section 1770), shall apply.

(j) (1) Where a contractor or subcontractor engages in the performance of any public work contract without having been registered in violation of the requirements of Section 1725.5 or this section, the Labor Commissioner shall issue and serve a stop order prohibiting the use of the unregistered contractor or the unregistered subcontractor on all public works until the unregistered contractor or unregistered subcontractor is registered. The stop order shall not apply to work by registered contractors or subcontractors on the public work.

(2) A stop order may be personally served upon the contractor or subcontractor by either of the following methods:

(A) Manual delivery of the order to the contractor or subcontractor personally.

(B) Leaving signed copies of the order with the person who is apparently in charge at the site of the public work and by thereafter mailing copies of the order by first class mail, postage prepaid to the contractor or subcontractor at the address on file with either of the following:

(i) The Contractors' State License Board.

(ii) The Secretary of State.

(3) The stop order shall be effective immediately upon service and shall be subject to appeal by the party contracting with the unregistered contractor or subcontractor, by the unregistered contractor or subcontractor, or both. The appeal, hearing, and any further review of the hearing decision shall be governed by the procedures, time limits, and other requirements specified in subdivision (a) of Section 238.1.

(k) Failure of a contractor or subcontractor, owner, director, officer, or managing agent of the contractor or subcontractor to observe a stop order issued and served upon him or her pursuant to subdivision (j) is guilty of a misdemeanor punishable by imprisonment in county jail not exceeding 60 days or by a fine not exceeding ten thousand dollars (\$10,000), or both.

(l) This section shall apply to any bid proposal submitted on or after March 1, 2015, and any contract for public work entered into on or after April 1, 2015. This section shall also apply to the performance of any public work, as defined in this chapter, on or after January 1, 2018, regardless of when the contract for public work was entered.

(m) Penalties received pursuant to this section shall be deposited in the State Public Works Enforcement Fund established by Section 1771.3 and shall be used only for the purposes specified in that section.

(n) This section shall not apply to work performed on a public works project of twenty-five thousand dollars (\$25,000) or less when the project is for construction, alteration, demolition, installation, or repair work or to work performed on a public works project of fifteen thousand dollars (\$15,000) or less when the project is for maintenance work

**Replace section 3-1.04, "CONTRACT AWARD," with:**

### **3-1.04 CONTRACT AWARD**

The award of the contract, if it be awarded, will be to the lowest responsible bidder whose proposal complies with all the requirements prescribed. The award, if made, will be made within 60 days after the opening of the proposals. This period will be subject to extension for such further period as may be agreed upon in writing between the Department and the bidder concerned.

Bid Protest: Any bidder submitting a bid to the County for this Project may file a protest of the County's proposed award of the contract for this Project, provided that each and all of the following are complied with:

1. The bid protest is in writing.
2. The bid protest is submitted to and received by the Department of Public Works, 825 E. Third Street., Room 147, San Bernardino, CA, 92415 **before 4:00 p.m. of the sixth (6th) business day following the bid opening.** Failure to timely submit a written protest shall constitute grounds for the County's denial of the bid protest without consideration of the grounds stated in the bid protest and a waiver of the right to protest. Untimely protests will not be accepted or considered.
3. The written bid protest shall set forth, in detail, all grounds for the bid protest (including without limitation all facts, supporting documentation, legal authorities and argument in support of the grounds for the bid protest), the form of relief required and the legal basis for such relief. Any grounds not set forth in the bid protest shall be deemed waived. All factual contentions must be supported by competent, admissible and credible evidence. The bid protests shall include the name of the project manager and the name and Work Order number of the bid Project. Any bid protest not conforming to the foregoing shall be rejected as invalid.

If a valid protest is timely filed and complies with the above requirements, the Department shall review and evaluate the bid protest. All bidders, including the protesting bidder, shall have three business days to respond to the Department and to provide any information requested by the Department. The Department shall respond to the protesting bidder and state the Department's findings regarding the bid protest. The Department Director's decision shall be final, unless overturned by the Board of Supervisors.

**Replace section 3-1.05, "CONTRACT BONDS (Pub Cont Code §§ 10221 AND 10222)," with:**

### **3-1.05 CONTRACT BONDS**

Both the payment bond and the performance bond shall be in a sum equal to the total contract amount. The bond provider must be an admitted surety insurer (Code of Civil Procedure section 995.311) authorized to do business in the State of California.

**Delete section 3-1.07, "INSURANCE POLICIES."**

**Delete section 3-1.08, "SMALL BUSINESS PARTICIPATION REPORT."**

**Delete section 3-1.11, "PAYEE DATA RECORD."**

**Delete section 3-1.13, "FORM FHWA-1273."**

**Replace section 3-1.18, "CONTRACT EXECUTION," with:**

### **3-1.18 CONTRACT EXECUTION**

The contract, along with the performance and payment bonds, copies of insurance policies, certificates of insurance, documents to verify any self-insurance coverage, and any other requested documents, shall be filled out appropriately and signed by the successful bidder and returned within 10 days (excluding Saturday, Sunday and holidays) after receiving those documents for execution.

Failure of the lowest responsible bidder, the second lowest responsible bidder, or the third lowest responsible bidder to execute the contract and file acceptable bonds as provided herein shall be just cause for the forfeiture of the proposal guaranty. The successful bidder may file with the County a written notice, signed by the bidder or the bidder's authorized representative, specifying that the bidder will refuse to execute the contract if it is presented. The filing of this notice shall have the same force and effect as the failure of the bidder to execute the contract and furnish acceptable bonds within the time hereinbefore prescribed.

**Add section 3-1.20, "DATA UNIVERSAL NUMBERING SYSTEM (D-U-N-S) NUMBER," which reads:**

### **3-1.20 DATA UNIVERSAL NUMBERING SYSTEM (D-U-N-S) NUMBER**

The successful bidder must provide the Department a D-U-N-S number.

Complete and sign the Data Universal Numbering System (D-U-N-S) Number form included in the contract documents. This form must be submitted with the executed contract.

If your company does not have a D-U-N-S number, you can obtain one by contacting Dun & Bradstreet at: <http://dnb.com/us/>

If you fail to submit this information with the executed contract, the San Bernardino County will not approve the contract.

**Add section 3-1.21, "CONFLICT OF INTEREST," which reads:**

### **3-1.21 CONFLICT OF INTEREST**

Contractor shall make all reasonable efforts to ensure that no County officer or employee, whose position in the County enables him/her to influence any award of this contract or any competing offer, shall have any direct or indirect financial interest resulting from the award of this contract or shall have any relationship to the Contractor or officer or employee of the Contractor.

**Add section 3-1.22, "FORMER COUNTY OFFICIALS," which reads:**

### **3-1.22 FORMER COUNTY OFFICIALS**

Contractor must provide information on former San Bernardino County Administrative officials (as defined below) who are employed by or represent their business. The information provided must include a list of former County Administrative Officials who terminated County employment within the last five years and who are now officers, principals, partners, associates or members of the business. This information should also include the employment and/or representative capacity and the dates these individuals began employment with or representation of their business. For purposes of this section, "County Administrative Official" is defined as a member of the Board of Supervisors or such officer's staff, group head, assistant department or group head, or any employee in the Exempt Group, Management Unit or Safety Management Unit.

**Failure to provide this information may result in the proposal being deemed nonresponsive.**

**Add section 3-1.23, "SAN BERNARDINO COUNTY EQUAL EMPLOYMENT OPPORTUNITY PROGRAM AND TITLE VI ASSURANCES," which reads:**

### **3-1.23 SAN BERNARDINO COUNTY EQUAL EMPLOYMENT OPPORTUNITY PROGRAM AND TITLE VI ASSURANCES**

During the term of the Contract, Contractor shall not discriminate against any employee or applicant for employment because of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, sexual orientation, age, or military and veteran status. Contractor shall comply with Executive Orders 11246, 11375, 11625, 12138, 12432, 12250, 13672, Title VI & VII of the Civil Rights Act of 1964, the California Fair Housing and Employment Act and other applicable Federal, State of California and County laws and regulations and policies relating to equal employment and contracting opportunities, including laws and regulations hereafter enacted.

### **TITLE VI ASSURANCES**

During the performance of this Agreement, the contractor, for itself, its assignees and successors in interest (hereinafter collectively referred to in this section as Contractor) agrees as follows:

(1) Compliance with Regulations: Contractor shall comply with the regulations relative to nondiscrimination in federally assisted programs of the Department of Transportation, Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to in this section as the Regulations), which are herein incorporated by reference and made a part of this agreement.

(2) Nondiscrimination: Contractor, with regard to the work performed by it during the AGREEMENT, shall not discriminate on the grounds of race, color, sex, national origin, religion, age, or disability in the selection and retention of sub-applicants, including procurements of materials and leases of equipment. Contractor shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices when the agreement covers a program set forth in Appendix B of the Regulations.

(3) Solicitations for Sub-agreements, Including Procurements of Materials and Equipment: In all solicitations either by competitive bidding or negotiation made by Contractor for work to be performed under a Sub-agreement, including procurements of materials or leases of equipment, each potential sub-applicant or supplier shall be notified by Contractor of the Contractor's obligations under this Agreement and the Regulations relative to nondiscrimination on the grounds of race, color, or national origin.

(4) Information and Reports: Contractor shall provide all information and reports required by the Regulations, or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the California Department of Transportation or the United States Department of Transportation Federal Highway Administration (FHWA) to be pertinent to ascertain compliance with such Regulations or directives. Where any information required of Contractor is in the exclusive possession of another who fails or refuses to furnish this information, Contractor shall so certify to the California Department of Transportation or the FHWA as appropriate, and shall set forth what efforts Contractor has made to obtain the information.

(5) Sanctions for Noncompliance: In the event of Contractor's noncompliance with the nondiscrimination provisions of this agreement, the California Department of Transportation shall impose such agreement sanctions as it or the FHWA may determine to be appropriate, including, but not limited to: (a) withholding of payments to Contractor under the Agreement within a reasonable period of time, not to exceed 90 days; and/or (b) cancellation, termination or suspension of the Agreement, in whole or in part. (6) Incorporation of Provisions: Contractor shall include the provisions of paragraphs (1) through

(6) in every sub-agreement, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto. Contractor shall take such action with respect to any sub-agreement or procurement as the California Department of Transportation or FHWA may direct as a means of enforcing such provisions including sanctions for noncompliance, provided, however, that, in the event Contractor becomes involved in, or is threatened with, litigation with a sub-applicant or supplier as a result of such direction, Contractor may request the California Department of Transportation enter into such litigation to protect the interests of the State, and, in addition, Contractor may request the United States to enter into such litigation to protect the interests of the United States.

**Add section 3-1.24, "REFERENCE CHECKS," which reads**

### **3-1.24 REFERENCE CHECKS**

Reference checks may be performed on the apparent low bidder, and if performed, the apparent low bidder shall be required to submit a list of references upon request.

**Add section 3-1.25, "IRAN CONTRACTING ACT OF 2010," which reads:**

### **3-1.25 IRAN CONTRACTING ACT OF 2010 (Public Contract Code section 2200 et seq.) (Applicable only to Contracts of One Million Dollars (\$1,000,000) or More):**

In accordance with Public Contract Code section 2204(a), the Contractor certifies that at the time the Contract is signed, the Contractor signing the Contract is not identified on a list created pursuant to





## 5 CONTROL OF WORK

### **Add to section 5-1.09A, "General," the following paragraphs:**

San Bernardino County will promote the formation of a "Partnering" relationship with the Contractor in order to effectively complete the contract to the benefit of both parties. The purpose of this relationship will be to maintain cooperative communication and mutually resolve conflicts at the lowest possible management level.

The County's share of such costs will be reimbursed to the Contractor in a change order written by the Engineer. The establishment of a "Partnering" relationship will not change or modify the terms and conditions of the contract and will not relieve either party of the legal requirements of the contract.

Further, nothing contained in this provision shall be construed as creating a joint venture, partnership, or employment arrangement between the parties hereto, nor shall either party have the rights, power or authority to create an obligation or duty, expressed or implied, on behalf of the other party hereto

### **Replace section 5-1.12, "ASSIGNMENT," with:**

#### **5-1.12 ASSIGNMENT**

The performance of the Contract or any Contract part may be assigned only with prior written consent from the County. To request consent, submit your request in writing to the Department Engineer. The County does not consent to any requested assignment that would relieve you or your surety of the responsibility to complete the work or any part of the work.

If you assign the right to receive Contract payments, the County accepts the assignment upon the Engineer's receipt of a written request. Assigned payments remain subject to deductions and withholds described in the Contract. The Department may use withheld payments for work completion whether the payments are assigned or not.

### **Add to section 5-1.13A, "General," the following paragraphs:**

Contractor must comply with section 5-1.13, "Subcontracting," of the Standard Specifications, Section 2, "Bidding" of these Special Provisions and Section 3, "Contract Award And Execution, D-U-N-S Number, Equal Employment Opportunity Program, Conflict Of Interest, And Former County Officials" of these Special Provisions.

Each subcontract must comply with the Contract and any lower tier subcontract that may in turn be made must comply with the Contract, including but not limited to Section 7, "Legal Relations and Responsibility to the Public," of these Special Provisions. Noncompliance shall be corrected. Payment for subcontracted work involved will be withheld from progress payments due, or to become due, until correction is made. Failure to comply may result in termination of the contract.

Pursuant to the provisions in Section 1777.1 of the Labor Code, the Labor Commissioner publishes and distributes a list of contractors ineligible to perform work as a subcontractor on a public works project. This list of debarred contractors is available from the Department of Industrial Relations web site at:

[http://www.dir.ca.gov/dir/Labor\\_law/DLSE/Debar.html](http://www.dir.ca.gov/dir/Labor_law/DLSE/Debar.html)

**Delete section 5-1.13B, "Disadvantaged Business Enterprises"**

**Delete section 5-1.13C, "Disabled Veteran Business Enterprises"**

**Delete section 5-1.13D, "Non-Small Businesses"**

**Add the following paragraphs to section 5-1.20B(1), "General":**

A copy of the PLACs are included in these Special Provisions.

The contractor shall make the Agreement, any extensions and amendments to the Agreement, and all related notification materials and California Environmental Quality Act (CEQA) documents, readily available at the project site at all times and shall be presented to CDFW personnel (if applicable), or personnel from another state, federal, or local agency upon request.

CDFW personnel may enter the project site at any time to verify compliance with the Agreement (if applicable)

**Replace the phrase "3. Structure name and number, if any" in section 5-1.23A, "General," with "Project name, structure or road number."**

**Delete all of the paragraphs in section 5-1.27E, "Change Order Bills," with the exception of the 1st paragraph.**

**Add the following paragraphs to section 5-1.36A, "General":**

Wherever work requires removing materials, the work and the unit price includes hauling and disposing of the materials outside of the project limits unless salvaging or incorporating the materials into the final work is described.

**High Risk Facility Notification:**

Certain underground facilities exist that may require special precautions be taken by the Contractor to protect the health, safety and welfare of workmen and of the public. Facilities requiring special precautions include, but are not limited to: underground electric supply system conductors or cables, either directly buried or in duct or conduit which do not have concentric grounded conductors or other effectively grounded metal shields or sheaths.

**Replace 2nd paragraph of section 5-1.36A, "General," with:**

Contractor must notify the Engineer and the appropriate regional notification center for operators of subsurface installations at least 2 working days, but not more than 14 days, prior to performing any excavation or other work close to any underground pipeline, conduit, duct, wire or other structure. Regional notification centers include but are not limited to the following:

Underground Service Alert of Southern California (USA) at 811 or 1-800-422-4133

**Add the following paragraphs to section 5-1.36C(1), "General":**

Attention is directed to Section 5-1.36C, "Non-Highway Facilities," and 15, "Existing Facilities," of the Standard Specifications and these Special Provisions.

The Contractor's attention is directed to the existence of certain underground facilities that may require special precautions be taken by the Contractor to protect the health, safety and welfare of workmen and of the public. Facilities requiring special precautions include, but are not limited to: underground electric supply system conductors or cables, either directly buried or in duct or conduit which do not have concentric grounded conductors or other effectively grounded metal shields or sheaths.

The Contractor shall notify the Engineer and the appropriate regional notification center for operators of subsurface installations at least 2 working days, but not more than 14 calendar days, prior to performing any excavation or other work close to any underground pipeline, conduit, duct, wire or other structure.

Regional notification centers include but are not limited to the following: Underground Service Alert of Southern California (USA) 1-800-227-2600 Attention is directed to other obstructions as follows: AGENCY CONTACTS The following utility/municipal agencies have facilities within the limits of the subject project:

AGENCY	CONTACT	ADDRESS/ PHONE/CELL
<u>Level 3 Communications / Lumen</u>	<u>Bryan D. Church</u> <u>Lead Network Implementation Engineer</u>	<u>bryan.church@lumen.com</u> <u>Lumen / CenturyLink / Level3 / TW Telecom</u> <u>1550 Marlborough Ave</u> <u>Riverside, CA 92507</u> <u>Cell Phone: 951-203-4415</u>

The contractor shall notify all listed utility companies two weeks prior to start of work.

The contractor is to notify Underground Service Alert at 1-800-227-2600, 48 hours prior to any construction operations in order for utilities to mark and identify locations of existing facilities.

1. During construction operations, all County-owned signs shall be relocated to clear the way for the Contractor's operations. When construction is complete, the County-owned signs shall be installed in final position as designated by the Engineer. (See "Reset Roadside Signs" elsewhere in these Special Provisions).
2. Existing guideposts (paddles) that interfere with construction shall be removed and disposed of.
3. Existing pavement markers, when no longer required for traffic lane delineation as directed by the Engineer, shall be removed and disposed of.
4. Special precaution shall be taken by the Contractor to protect existing utilities that may not be noticeably visible while working in the road shoulder areas.

Full compensation for conforming to the requirements of this section, not otherwise provided for, including furnishing all labor, materials, tools, equipment and incidentals, including utility adjustments to grade, providing utility windows and coordination, and for doing all work involved shall be considered as included in the contract prices paid for the various items of work and no additional compensation will be allowed therefore.

**Replace the 3rd paragraph of section 5-1.36C(3), "Nonhighway Facility Rearrangement," with:**

Supplemental Work – The rearrangement of utilities is not anticipated work within the scope of the project.

**Replace section 5-1.36C(2) with:**

**5-1.36C(2) Nonhighway Facility Protection**

The utilities shown in the following table are not anticipated to interferewith the work and must be exposed or protected in place. Make arrangements with the utility owner (1) to conduct or witness all exposures .

**Utilities to Be Exposed and/or Protected in Place During Construction**

Utility	Location
<u>Underground Fiber Optic Line</u>	<u>2-20 feet north of westbound edge of pavement</u>

**Delete section 5-1.39C (2), "Plant Establishment Period of 3 Years or More."**

Revise the phrase “2. Bar to arbitration (Pub Cont Code § 10240.2)” in the fourth paragraph of section 5-1.43A, “General,” with:

Bar to pursue the claim in a court of law

**5-1.43E Dispute Resolution for Claims subject to Public Contract Code sections 9204, 20104, 20104.2, 20104.4 and/or 20104.6.**

Claims between the County and the Contractor shall be resolved in accordance with Public Contract Code section 9204 (which is a new law and applies to all public works contracts entered on or after January 1, 2017), as well as Public Contract Code sections 20104, 20104.2, 20104.4 and 20104.6 (if applicable), provided, however, that Public Contract Code section 20104.2(a) shall not supersede the requirements of the Contract Documents with respect to the Contractor's notification to the County of such claim or extend the time for giving of such notice as provided in the Contract Documents. The entire text of Public Contract Code sections 9204, 20104, 20104.2, 20104.4 and 20104.6 is incorporated herein and found at the end of these Special Provisions.

Please note that pursuant to Public Contract Code section 9204(c)(1), a “claim” means the following:

a separate demand by a contractor sent by registered mail or certified mail with return receipt requested, for one or more of the following: (A) A time extension, including, without limitation, for relief from damages or penalties for delay assessed by a public entity under a contract for a public works project. (B) Payment by the public entity of money or damages arising from work done by, or on behalf of, the contractor pursuant to the contract for a public works project and payment for which is not otherwise expressly provided or to which the claimant is not otherwise entitled. (C) Payment of an amount that is disputed by the public entity.

Add section 5-1.43G, “Civil Action,” which reads:

**5-1.43G Civil Action**

Any dispute which cannot be resolved between the Parties by first following the applicable and required potential claims and dispute resolution provisions stated in this section 5-1.43, may then be resolved through litigation in a court of competent jurisdiction of the State of California. **IMPORTANT: BEFORE CONTRACTOR MAY FILE A LAWSUIT AGAINST COUNTY, CONTRACTOR SHALL FIRST COMPLY WITH THE GOVERNMENT CLAIMS ACT, CALIFORNIA GOVERNMENT CODE SECTION 900 ET SEQ., INCLUDING, BUT NOT LIMITED TO, THE REQUIREMENT THAT CONTRACTOR PREPARE AND FILE A TIMELY CLAIM THAT SATISFIES THE GOVERNMENT CLAIMS ACT WITH THE FOLLOWING COUNTY DEPARTMENT:**

**San Bernardino County**

**Risk Management Division**

**222 W. Hospitality Lane, 3rd Floor San Bernardino, California 92415-0016**

A copy of the County’s standard claim form may be accessed at the Risk Management Division during normal business hours, or may be downloaded at [http://countyline.sbcounty.gov/riskmanagement/content/forms/claim\\_against\\_county.pdf](http://countyline.sbcounty.gov/riskmanagement/content/forms/claim_against_county.pdf).

Venue for any such litigation concerning this Project or Agreement shall be in the Superior Court of California, San Bernardino County, San Bernardino District and Contractor agrees to incorporate this provision into all subcontracts.

Each Party hereby waives any law or rule of court that would allow them to request or demand a change of venue. If any third party brings an action or claim concerning this Contract, the Parties hereto agree to use their best efforts to obtain a change of venue to the Superior Court of California, County of San Bernardino, San Bernardino District

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## 6 CONTROL OF MATERIALS

**Add the following paragraph to section 6-1.01, "GENERAL":**

Contractor must comply with Section 6, "Control of Materials," of the Standard Specifications and these Special Provisions

**Add the following paragraph to section 6-2.01, "GENERAL":**

All materials required to complete the work under this contract shall be furnished by the Contractor. The Department uses a Quality Assurance Program (QAP) to ensure a material is produced to comply with the Contract. Contractor may examine the records and reports of tests the Department performs if they are available at the job site. Schedule work to allow time for QAP.

**Replace section 6-2.01C, "Authorized Material Lists," with:**

### **6-3.05K Prequalified And Tested Materials For Traffic Control Devices**

Contractor must comply with section 6-3.02, "SPECIFIC BRAND OR TRADE NAME AND SUBSTITUTION," of the Standard Specifications and these Special Provisions.

The Department maintains a trade name list of approved prequalified and tested signing and delineation materials and products. Approval of prequalified and tested products and materials shall not preclude the Engineer from sampling and testing any of the signing and delineation materials or products at any time. Contractor may use a product that is equal to or better than the specified brand or trade name if authorized.

Materials and products will be considered for addition to said approved prequalified and tested list if the manufacturer of the material or product submits to the Traffic Division a sample of the material or product. The sample shall be sufficient to permit performance of all required tests. Approval of such materials or products will be dependent upon a determination as to compliance with the specifications and any test the Department may elect to perform.

Said list of approved prequalified and tested signing and delineation materials and products cover the following traffic control devices:

#### **MATERIAL**

Pavement markers, reflective and non-reflective

Temporary pavement markers

Striping and pavement marking tape

Flexible delineators and markers

Channelizers

Sign sheeting materials

Railing and barrier delineators

Traffic cones and reflective cone sleeves

A certificate of Compliance shall be furnished as specified in Section 6-3.05E, "Certificates of Compliance," of the Standard Specifications for signing and delineation products. Said certificate shall also certify that the signing and delineation product conforms to the prequalified testing and approval of the Department of Public Works, Traffic Division and were manufactured in accordance with the approved quality control program.

The Approved Prequalified and Tested Signing and Delineation Materials (also referred to as the "Authorized Materials List" or "Pre-Qualified Products List") are as follows:

**PAVEMENT MARKERS, PERMANENT TYPE**

Reflective pavement markers:

Apex (4x4)

Ray-O-Lite, Models SS, RS, and AA (4x4)

Stimsonite 88 (4x4)

Reflective pavement markers with abrasion resistant surface:

Stimsonite 911 (4x4)

Stimsonite 944 SB (2x4) - formerly model 947

Stimsonite 948 (2.3x4.7)

Non-reflective pavement markers for use with epoxy or bituminous adhesive:

Apex Universal, Ceramic

Ferro Corporation, Permark (ceramic)

Highway Ceramics Inc., Ceramic Safety

Signs Inc. "Safety Dot" Model SD4 (Polyester)

Traffic Control Signs Co., Titan, TM40WY (Polyester)

Non-reflective pavement markers for use only with bituminous adhesive:

Edco, Models A 1107, AY 1108 (ABS)

Valterra Products - P20-2000W and P20-2001Y (ABS)

**PAVEMENT MARKERS, TEMPORARY TYPE**

Temporary pavement markers for long-term day/night use (6 months or less):

Astro Optics Model TPM (4x4)

Flex-O-Lite Model RCM (4x4)

]Stimsonite 66 (4x4)

Stimsonite 66GB (Grabber Bottom) (4x4)

Swareflex 35573558 (4x4)

Temporary pavement markers for short-term day/night use (14 days or less):

Astro Optics Model TPM (4x4)

Davidson T.O.M. (Flexible)

Flex-O-Lite Model (RCM) (4x4)

Stimsonite Model 66 (4x4)

Stimsonite 66GB (Grabber Bottom) (4x4)

Swareflex Model 30023004 (4x4)

Swareflex Model 35573558 (4x4)

Valterra Products 12801281 Series (Flexible)

3M Scotch-Lane A200 Pavement Marking System

Temporary pavement markers for short-term day/night use (14 days and less) at seal coat locations:

Davidson T.R.P.M. with Reflexite PC-1000 Sheeting

Valterra Products – 128012

### **STRIPING AND PAVEMENT MARKING MATERIAL, PERMANENT**

Permanent traffic striping and pavement marking tape:

Brite-Line Series 1000

Swarco Industries "Director"

3M Stamark Brand Pliant Polymer Grade Series 5730

3M Stamark Brand Bisymmetric 1.75 Grade Series 5750 (For use on low-volume roadways only)

Temporary removable construction grade striping and pavement marking tape:

Advanced Traffic Marking ATM Series 200

3M Stamark Brand, Detour Grade, Series 5710

Swarco Industries "Director 2"

Temporary non-removable construction grade striping tape:

3M Scotch Lane Brand Construction Grade, Series 5160

### **ROADSIDE DELINEATORS**

One-piece drivable flexible type (48")

All West Plastics "Flexi-Guide 400"

Carsonite Curve-Flex CFRM-400

Carsonite Roadmarker CRM-375

FlexStake H-D Polyform, Inc., "Vista-Flex"

Non-drivable flexible type (48") (For special use only)

Carsonite "Impactor" with 18" soil anchor

Carsonite "Survivor" with 18" U-Channel anchor

Safe-Hit with 8" pavement anchor (SH248-GPR and SHAI-08-PI)

Safe-Hit with 15" soil anchor (SHA5-15C-GL)

Safe-Hit with 18" soil anchor (SH248-GPR and SHA#-18C-PL)

Uticom, U-Post, Series 1200 (Formerly Dura-Hit Mod. PC-5049)

Surface mount flexible type (48")

FlexStake Surface Mount H-D

### **CHANNELIZERS**

Surface mount type (36")

Carsonite "Survivor" Model SMD-353

Carsonite "Super Duck" (Flat SDF-436)(Round SDR-336)

Carsonite Super Duck II "The Channelizer"

FlexStake Surface Mount H-D The Line Connection "Dura-Post"

Repo, Models 300 and 400

Safe-Hit Guide Post with glue down base (SH236SMA)

#### **TRAFFIC CONES**

Highway Safety Products 28"

Radiator Specialty Company 28"

Roadmarker Company "Stacker" 42"

Bent Manufacturing Co., "T-Top" 42"

#### **TYPE "K" OBJECT MARKER (18")**

Carsonite Models SMD 615 and SMD 615-A

Repo, Models 300 and 400

Safe-Hit Model SH718SMA

#### **TYPE "K-4" OBJECT MARKER (24")**

Carsonite, Super Duck II

The Line Connection, "Dura-Post"

Repo, Models 300 and 400

Safe-Hit

#### **CONCRETE MEDIAN BARRIER DELINEATOR**

Impactable Type

All West Plastics "Flexi-Guide 235"

Duraflex Corp. "Flexi 2020"

Davidson Portable Concrete Barrier Marker (PCBM-12)

Reflexite Barrier Mount Delineator (Mod. 661-662)

#### **Non-impactable Type**

Astro-Optics JD Series

Stimsonite 967

#### **BARRIER DELINEATOR (16" GLUE DOWN TYPE)**

Safe-Hit

#### **GUARDRAIL DELINEATOR (27" NAIL ON TYPE)**

Carsonite Guardrail Delineator Post (CFGR 427)

Safe-Hit 27-inch Guardrail Delineator

All West Plastics "Flexi-Guide" 327

#### **METAL BEAM GUARDRAIL DELINEATOR**

Duraflex Corp. "Railrider"

**REFLECTIVE SHEETING FOR TEMPORARY CHANNELIZERS, DELINEATORS AND TRAFFIC CONES**

3M High Intensity

Reflexite PC 1000 (Metalized Polycarbonate)

Reflexite AP-1000 (Metalized Polyester)

Seibulite ULG (Ultralite Grade)

SIGNING MATERIALS –The following Retro-reflective Sheeting Materials are Acceptable for use on County Maintained Road System Signs:

Regulatory Signs (Exclude STOP signs and Parking Signs):

T6500, ASTM D 4956-01, Type IV.

Stop Signs:

DG3, ASTM D 4956-09, Type XI.

Warning Signs (Exclude School Signs):

T6501, ASTM D 4956-01, Type IV.

School Warning Signs:

FYG, ASTM D 4956-01, Type IX. SP - 41

Guide Signs:

T6501, ASTM D 4956-01, Type IV. Construction Signs: FDG, ASTM D 4956-01, Type IX.

Signs Utilizing Super Engineering Grade (e.g. No Parking Sign):

ASTM D 4956-01, Type II

Signs Utilizing Engineering Grade:

ASTM D 4956-01, Type I

SIGNING MATERIALS LEGEND:

ASTM = American Standard for Testing Materials

DG = Diamond Grade

LDP = Long Distance Performance

FDG = Fluorescent Diamond Grade

FYG = Fluorescent Yellow Green

**6-4 QUALITY CONTROL PROGRAM (QCP)**

Quality Control Program (QCP) shall conform to the provisions in section 5-1.01, "General", section 6 "Control of Materials", section 19-5.03, "Construction" and section 39-2.01A "General" and other related sections of the Caltrans 2023 Standard Specifications, these Special Provisions, County Quality Assurance Program (QAP) and as directed by the Engineer.

The Contractor shall submit for approval their QCP which outlines the testing for the entire project which outlines the equipment used, construction phasing plan, as well as testing in the field and at the plant.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals for doing all the work involved in developing, preparing, obtaining approval of, revising, amending, and implementation of the QCP as specified in the Standard Specifications, these special provisions, shall be included in the contract lump sum price for **Quality Control Program** and no additional compensation will be allowed therefor.

The contract lump sum price paid for **Quality Control Program** shall include furnishing of plans, services, equipment, implementing and for doing all the work involved in quality control and assurance as specified herein and no additional compensation will be allowed therefor.

This **Quality Control Program** will be paid as percentage of total item based on development and approval of the QCP (15%), weekly inspections reports (70% divided by number of weeks of project), and final documentation submittal (15%). Payment will be withheld for failure to submit weekly inspection forms and will be retro paid when submitted.

## **7 LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC**

### **Add the following paragraphs to section 7-1.02I(2), "Nondiscrimination":**

Contractor must comply with section 7-1.02I (2), "Nondiscrimination" of the Standard Specifications, and to the "Standard California Nondiscrimination Construction Contract Specifications" set forth therein.

During the term of the Contract, Contractor and its subcontractors shall not discriminate against any employee or applicant for employment because of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, sexual orientation, age, or military and veteran status. Contractor shall comply with Executive Orders 11246, 11375, 11625, 12138, 12432, 12250, 13672, Title VI & VII of the Civil Rights Act of 1964, the California Fair Housing and Employment Act and other applicable Federal, State of California and County laws and regulations and policies relating to equal employment and contracting opportunities, including laws and regulations hereafter enacted. Contractor shall include the nondiscrimination and compliance provisions of this paragraph in all subcontracts to perform work under the contract.

### **Replace the 2nd and 3rd paragraphs of section 7-1.02K(2), "Wages," with:**

Pursuant to section 1773 of the Labor Code, the general prevailing rates of wages in the San Bernardino County have been determined and are listed in the State of California Department of Industrial Relations Director's General Prevailing Wage Determinations

<https://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>).

In addition, these wages are set forth in the General Prevailing Wage Rates included in these Special Provisions. The Contractor and subcontractors shall not pay less than the prevailing wage. Copies of the prevailing wage rates are also on file at the San Bernardino County Department of Public Works Contracts Division office (address identified above) and shall be made available to any interested party on request. A copy of the determination of the Director of prevailing rate of per diem wages shall be posted at each job site. More specifically, the Contractor shall post the general prevailing wage rates at a prominent place at the job site (Labor Code section 1773.2).

Future effective general prevailing wage rates, which have been predetermined and are on file with the California Department of Industrial Relations are referenced but not printed in the general prevailing wage rates.

The Federal minimum wages for this project as predetermined by the United States Secretary of Labor are set forth in the Federal Minimum Wages included in these Special Provisions and also available on the internet at: <https://www.wdol.gov/>.

Addenda to modify the Federal minimum wage rates, if necessary, will be issued to holders of the Special Provisions for the project.

Attention is directed to the prevailing wage requirements in the Special Provisions. The contractor and subcontractors shall pay not less than the federal minimum wages or the general prevailing wage rates. If there is a difference between the minimum wage rates predetermined by the Secretary of Labor and the general prevailing wage rates determined by the Director of the California Department of Industrial Relations for similar classifications of labor, the Contractor and subcontractors shall pay not less than the higher wage rate. The Department will not accept lower State wage rates not specifically included in the Federal minimum wage determinations. This includes "helper" (or other classifications based on hours of experience) or any other classification not appearing in the Federal wage determinations. Where Federal wage determinations do not contain the State wage rate determination otherwise available for use by the Contractor and subcontractors, the Contractor and subcontractors shall pay not less than the Federal minimum wage rate, which most closely approximates the duties of the employees in question.

**LABOR CODE REQUIREMENTS REGARDING REGISTRATION AS CONTRACTOR OR SUBCONTRACTOR REQUIRED PRIOR TO BID PROPOSAL SUBMISSION:** Contractor shall comply with Labor Code section 1771.1, including, but not limited to, the following requirements: (1) no contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 (with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)); (2) no contractor or subcontractor may be awarded a contract for public work or perform work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5; (3) this Project is subject to compliance monitoring and enforcement by the Department of Industrial Relations; (4) Contractor shall post job site notices regarding compliance monitoring and enforcement by the Department of Industrial Relations; and (5) Contractor must submit certified payroll at least monthly to the Labor Commissioner in a format prescribed by the Labor Commissioner.

As provided in Labor Code section 1771.1:

(a) A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.

(b) Notice of the requirement described in subdivision (a) shall be included in all bid invitations and public works contracts, and a bid shall not be accepted, nor any contract or subcontract entered into without proof of the contractor or subcontractor's current registration to perform public work pursuant to Section 1725.5.

(c) An inadvertent error in listing a subcontractor who is not registered pursuant to Section 1725.5 in a bid proposal shall not be grounds for filing a bid protest or grounds for considering the bid nonresponsive, provided that any of the following apply:

(1) The subcontractor is registered prior to the bid opening

(2) Within 24 hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee specified in subparagraph (E) of paragraph (2) of subdivision (a) of Section 1725.5.

(3) The subcontractor is replaced by another registered subcontractor pursuant to Section 4107 of the Public Contract Code.

(d) Failure by a subcontractor to be registered to perform public work as required by subdivision (a) shall be grounds under Section 4107 of the Public Contract Code for the contractor, with the consent of the awarding authority, to substitute a subcontractor who is registered to perform public work pursuant to Section 1725.5 in place of the unregistered subcontractor.

(e) The department shall maintain on its Internet Web site a list of contractors who are currently registered to perform public work pursuant to Section 1725.5.

(f) A contract entered into with any contractor or subcontractor in violation of subdivision (a) shall be subject to cancellation, provided that a contract for public work shall not be unlawful, void, or voidable solely due to the failure of the awarding body, contractor, or any subcontractor to comply with the requirements of Section 1725.5 or this section.

(g) If the Labor Commissioner or his or her designee determines that a contractor or subcontractor engaged in the performance of any public work contract without having been registered in accordance with this section, the contractor or subcontractor shall forfeit, as a civil penalty to the state, one hundred dollars (\$100) for each day of work performed in violation of the registration requirement, not to exceed an aggregate penalty of eight thousand dollars (\$8,000) in addition to any penalty registration fee assessed pursuant to clause (ii) of subparagraph (E) of paragraph (2) of subdivision (a) of Section 1725.5.

(h) (1) In addition to, or in lieu of, any other penalty or sanction authorized pursuant to this chapter, a higher tiered public works contractor or subcontractor who is found to have entered into a subcontract with an unregistered lower tier subcontractor to perform any public work in violation of the requirements of Section 1725.5 or this section shall be subject to forfeiture, as a civil penalty to the state, of one hundred dollars (\$100) for each day the unregistered lower tier subcontractor performs work in violation of the registration requirement, not to exceed an aggregate penalty of ten thousand dollars (\$10,000).

(2) The Labor Commissioner shall use the same standards specified in subparagraph (A) of paragraph (2) of subdivision (a) of Section 1775 when determining the severity of the violation and what penalty to assess and may waive the penalty for a first time violation that was unintentional and did not hinder the Labor Commissioner's ability to monitor and enforce compliance with the requirements of this chapter.

(3) A higher tiered public works contractor or subcontractor shall not be liable for penalties assessed pursuant to paragraph (1) if the lower tier subcontractor's performance is in violation of the requirements of Section 1725.5 due to the revocation of a previously approved registration.

(4) A subcontractor shall not be liable for any penalties assessed against a higher tiered public works contractor or subcontractor pursuant to paragraph (1). A higher tiered public works contractor or subcontractor may not require a lower tiered subcontractor to indemnify or otherwise be liable for any penalties pursuant to paragraph (1).

(i) The Labor Commissioner or his or her designee shall issue a civil wage and penalty assessment, in accordance with the provisions of Section 1741, upon determination of penalties pursuant to subdivision (g) and subparagraph (B) of paragraph (1) of subdivision (h). Review of a civil wage and penalty assessment issued under this subdivision may be requested in accordance with the provisions of Section 1742. The regulations of the Director of Industrial Relations, which govern proceedings for review of civil wage and penalty assessments and the withholding of contract payments under Article 1 (commencing with Section 1720) and Article 2 (commencing with Section 1770), shall apply.

(j) (1) Where a contractor or subcontractor engages in the performance of any public work contract without having been registered in violation of the requirements of Section 1725.5 or this section, the Labor Commissioner shall issue and serve a stop order prohibiting the use of the unregistered contractor or the unregistered subcontractor on all public works until the unregistered contractor or unregistered subcontractor is registered. The stop order shall not apply to work by registered contractors or subcontractors on the public work.

(2) A stop order may be personally served upon the contractor or subcontractor by either of the following methods:

(A) Manual delivery of the order to the contractor or subcontractor personally.

(B) Leaving signed copies of the order with the person who is apparently in charge at the site of the public work and by thereafter mailing copies of the order by first class mail, postage prepaid to the contractor or subcontractor at the address on file with either of the following:

(i) The Contractors' State License Board.

(ii) The Secretary of State.

(3) The stop order shall be effective immediately upon service and shall be subject to appeal by the party contracting with the unregistered contractor or subcontractor, by the unregistered contractor or subcontractor, or both. The appeal, hearing, and any further review of the hearing decision shall be governed by the procedures, time limits, and other requirements specified in subdivision (a) of Section 238.1.

(k) Failure of a contractor or subcontractor, owner, director, officer, or managing agent of the contractor or subcontractor to observe a stop order issued and served upon him or her pursuant to subdivision (j) is guilty of a misdemeanor punishable by imprisonment in county jail not exceeding 60 days or by a fine not exceeding ten thousand dollars (\$10,000), or both.

(l) This section shall apply to any bid proposal submitted on or after March 1, 2015, and any contract for public work entered into on or after April 1, 2015. This section shall also apply to the performance of any public work, as defined in this chapter, on or after January 1, 2018, regardless of when the contract for public work was entered.

(m) Penalties received pursuant to this section shall be deposited in the State Public Works Enforcement Fund established by Section 1771.3 and shall be used only for the purposes specified in that section.

(n) This section shall not apply to work performed on a public works project of twenty-five thousand dollars (\$25,000) or less when the project is for construction, alteration, demolition, installation, or repair work or to work performed on a public works project of fifteen thousand dollars (\$15,000) or less when the project is for maintenance work.

**LABOR CODE REQUIREMENTS FOR ENTITIES HAULING OR DELIVERING READY-MIXED**

**CONCRETE:** Adherence to the prevailing wage requirements found in Labor Code section 1720.9 for the hauling and delivery of ready-mixed concrete is required. This includes, but is not limited to, a requirement for the person or entity that delivers ready-mixed concrete to register with the Department of Industrial Relations (DIR) as specified in Labor Code section 1725.5. For more information, please see the DIR website: <http://www.dir.ca.gov/>.

**Replace the paragraphs in section 7-1.02K (3), "Certified Payroll Records (Labor Code § 1776)," with the following:**

Keep accurate payroll records.

Submit a copy of your certified payroll records, weekly, including those of subcontractors. Include:

1. Each employee's:

1.1. Full name

1.2. Address

1.3. Social security number

1.4. Work classification

1.5. Straight time and overtime hours worked each day and week

1.6. Actual wages paid for each day to each:

- 1.6.1. Journeyman
- 1.6.2. Apprentice
- 1.6.3. Worker
- 1.6.4. Other employee you employ for the work
- 1.7. Pay rate
- 1.8. Itemized deductions made
- 1.9. Check number issued

## 2. Apprentices and the apprentice-to-journeyman ratio

Each certified payroll record must include a Statement of Compliance form signed under penalty of perjury that declares:

1. Information contained in the payroll record is true, correct, and complete
2. Employer has complied with the requirements of sections 1771, 1811, and 1815 for any work performed by his or her employees on the public works project
3. Wage rates paid are at least those required by the Contract.

The Department allows the use of a form with identical wording as the Statement of Compliance form provided by the Department.

Submitted certified payrolls for hauling and delivering ready-mixed concrete must be accompanied by a written time record. The time record must include:

1. Truck driver's full name and address
2. Name and address of the factory or batching plant
3. Time the concrete was loaded at the factory or batching plant
4. Time the truck returned to the factory or batching plant
5. Truck driver's signature certifying under penalty of perjury that the information contained in this written time record is true and correct

Make certified payroll records available for inspection at all reasonable hours at your main office on the following basis:

1. Upon the employee's request or upon request of the employee's authorized representative, make available for inspection a certified copy of the employee's payroll record.
2. Refer the public's requests for certified payroll records to the Department. Upon the public's request, the Department makes available for inspection or furnishes copies of your certified payroll records. Do not give the public access to the records at your main office.

Make all payroll records available for inspection and copying or furnish a copy upon request of a representative of the:

1. Department
2. Division of Labor Standards Enforcement of the Department of Industrial Relations
3. Division of Apprenticeship Standards of the Department of Industrial Relations

Furnish the Department the location of the records. Include the street address, city, and county. Furnish the Department a notification of a location and address change within 5 business days of the change.

Comply with a request for the records within 10 days after you receive a written request. If you do not comply within this period, the Department withholds from progress payments a \$100 penalty for each day

or part of a day for each worker until you comply. You are not assessed this penalty for a subcontractor's failure to comply with Labor Code § 1776.

The Department withholds from progress payments for delinquent or inadequate records (Labor Code § 1771.5). If you have not submitted an adequate record by the month's 15th day for the period ending on or before the 1st of that month, the Department withholds up to 10 percent of the monthly progress estimate, exclusive of mobilization. The Department does not withhold more than \$10,000 or less than \$1,000.

Certified payroll records are required to be submitted weekly to the Engineer during the term of construction.

Contractor and subcontractors must furnish electronic certified payroll records directly to the Labor Commissioner (aka Division of Labor Standards Enforcement) pursuant to Labor Code section 1771.1 identified herein.

### **7-1.02K(6)(j)(ii) Lead Compliance Plan**

Section 7-1.02K(6)(j)(ii) applies if a bid item for a lead compliance plan is shown on the Bid Item List.

Regulations containing specific Cal/OSHA requirements when working with lead include 8 CA Code of Regs § 1532.1.

Submit a plan:

1. That documents your compliance program to prevent or minimize worker exposure to lead
2. Including the items listed in 8 CA Code of Regs § 1532.1(e)(2)(B)
3. Sealed and signed by a CIH with knowledge of and experience complying with 8 CA Code of Regs

Allow 7 days for review. Obtain authorization for the plan before starting any activity that presents the potential for lead exposure.

Before starting any activity that presents the potential for lead exposure to employees who have no prior training, including State employees, provide a safety training program to these employees that complies with 8 CA Code of Regs § 1532.1 and your lead compliance plan.

Submit copies of air monitoring or job site inspection reports made by or under the direction of the CIH under 8 CA Code of Regs § 1532.1 within 10 days after the date of monitoring or inspection.

Supply personal protective equipment, training, and washing facilities required by your lead compliance plan for 5 State employees.

### **Replace items 1, 3 and 4 in the list in the 22nd paragraph of section 7-1.04, "PUBLIC SAFETY," with:**

1. Excavations: Where the near edge of the excavation is within 15 feet from the edge of an open traffic lane except:
  - a. Trenches less than 1-foot wide for irrigation pipe or electrical conduit, or excavations less than 1-foot in diameter;
  - b. Excavations parallel to the lane for the purpose of pavement widening or reconstruction; and/or
  - c. Excavations within temporary traffic control zones that do not extend beyond a single daylight period, for these zones alternative barrier systems should be considered.
3. Storage areas: When material or equipment is stored within 12 feet of the edge of an open traffic lane and the storage is not otherwise prohibited by the Contract

4. Height differentials: When construction operations create a height differential greater than 1 foot within 15 feet of the edge of traffic lane

**Replace the 23rd paragraph of section 7-1.04, "PUBLIC SAFETY," with:**

Where lanes are adjacent to the area where the work is being performed or equipment is operated, including shoulders, the adjacent lane must be closed under any of the following conditions unless otherwise provided in the Standard Specifications and these Special Provisions:

1. Work is off the traveled way but within 6 feet of the edge of the traveled way, and the approach speed is greater than 45 miles per hour
2. Work is off the traveled way but within 3 feet of the edge of the traveled way, and the approach speed is less than 45 miles per hour

**Add the following sentences to the 25th paragraph of section 7-1.04, "PUBLIC SAFETY":**

Type K temporary railing must conform to the provisions in Section 12-3.08, "Type K Temporary Railing," of the Standard Specifications. Type K temporary railing, conforming to the details shown on Standard Plans T3A and T3B or approved equal by the Engineer may be used.

The locations of Type K temporary railing shall be shown on Traffic Control Plans for review and approval by the Engineer. The Contractor must comply with the Traffic Control System section elsewhere in these Special Provisions.

Contractor may propose to the Engineer an alternative to the use of Type K temporary railing and/or crash cushions in areas where the use of these devices is anticipated to be for a relatively short period of time but no more than five working days. Approval of the Engineer for the use of the proposed alternatives shall not relieve the contractor from being solely responsible for any damages resulting from the use of these alternatives in accordance with section 7-1.05A "General" of these Special Provisions.

Reflectors on Type K temporary railing must conform to the provisions in "Prequalified and Tested Materials for Traffic Control Devices" of these Special Provisions. Temporary crash cushion modules must conform to the specifications in section 12-3.15, "TEMPORARY CRASH CUSHION MODULE" of the Standard Specifications.

**Add the following paragraph between the 26th and 27th paragraphs of section 7-1.04, "PUBLIC SAFETY":**

Open trenches left open overnight must be protected by Type K temporary railing or other approved temporary traffic barrier as determined by the Engineer.

**Replace section 7-1.05A, "General," with:**

**7-1.05A General**

**Indemnification** – To the fullest extent possible permitted by law, Contractor assumes liability for and agrees, at the Contractor's sole cost and expense, to promptly and fully indemnify, defend (with counsel reasonably approved by County) (even if the allegations are false, fraudulent, or groundless), and hold harmless the County and its authorized officers, employees, agents and volunteers (Indemnitees) from and against any and all claims (including claims against the County seeking compensation for labor performed or materials used or furnished to be used in the work or alleged to have been furnished on the project, including all incidental or consequential damages resulting to the County from such claims), allegations,

actions, suits, arbitrations, administrative proceedings, regulatory proceedings, or other legal proceedings, demands, losses, costs, damages, judgments, liens, stop notices, penalties, anticipated losses of revenue and/or liability, and expenses (including, but not limited to, any fees of accountants, attorneys, experts or other professionals, or investigation expenses) arising out of, resulting from, or in any way (either directly or indirectly) related to the contract, the work, the project or any breach of the Contract by Contractor (or any of its officers, agents, employees, subcontractors, or any person performing any of the work, or from any cause whatsoever, including the acts, errors or omissions of any person and for any costs or expenses incurred by the Indemnitees on account of any claim except where such indemnification is prohibited by law. This indemnification provision shall apply regardless of the existence or degree of fault of indemnitees. The Contractor's indemnification obligation applies to the Indemnitee's "passive" negligence but does not apply to the Indemnitee's "sole" or "active" negligence or "willful misconduct" within the meaning of Civil Code section 2782 provided such "active" negligence or "willful misconduct" is determined by agreement of the parties or by findings of a court. In instances where an Indemnitee's "active" negligence accounts for only a percentage of the liability for the claim involved, the obligation of the Contractor will be for that entire percentage of liability for the claim not attributable to the "active" negligence or "willful misconduct" of the Indemnitees. The County shall be consulted with regard to any proposed settlement.

The duty of the Contractor to indemnify and hold harmless the Indemnitees includes the separate and independent duty to defend the Indemnitees, which duty arises immediately upon receipt by Contractor of the tender of any claim from the County. The Contractor's obligation to defend the County shall be at Contractor's sole expense, and not be excused because of the Contractor's inability to evaluate liability or because the Contractor evaluates liability and determines that the Contractor is not liable. The duty to defend shall apply whether or not a claim has merit or is meritless, or which involves claims or allegations that any or all of the Indemnitees were actively, passively, or concurrently negligent, or which otherwise asserts that the Indemnitees are responsible, in whole or in part, for any claim. The Contractor shall respond within thirty (30) calendar days to the tender of any claim for defense and/or indemnity by the County, unless the County agrees in writing to an extension of this time. The defense provided to the Indemnitees by Contractor shall be by well qualified, adequately insured, and experienced legal counsel acceptable to the County Counsel.

It is the intent of the parties to the Contract that the Contractor and its subcontractors of all tiers shall provide the Indemnitees with the broadest defense and indemnity permitted by law. In the event that any of the defense, indemnity, or hold harmless provisions are found to be ambiguous, or in conflict with one another, it is the parties' intent that the broadest and most expansive interpretation in favor of providing defense and/or indemnity to the Indemnitees be given effect.

Contractor shall ensure, by written subcontract agreement, that each of Contractor's subcontractors of every tier shall protect, defend, indemnify and hold harmless the Indemnitees with respect to all claims arising out, in connection with, or in any way related to each such subcontractor's work in the same manner in which Contractor is required to protect, defend, indemnify, and hold the Indemnitees harmless. In the event Contractor fails to obtain such defense and indemnity obligations from its subcontractors as required herein, Contractor agrees to be fully responsible to the Indemnitees according to the terms of this Section.

Contractor's indemnification and defense obligations set for in this Section are separate and independent from the insurance requirements and do not limit, in any way, the applicability, scope, or obligations set forth in such insurance requirements. The purchase of insurance by the Contractor with respect to the obligations required herein shall in no event be construed as fulfillment or discharge of such obligations.

Contractor's obligations under this Section are binding on Contractor's and its subcontractors' successors, heirs and assigns and shall survive the completion of the work or termination of the Contractor's performance of the work.

**Replace section 7-1.06 with:**

**7-1.06 INSURANCE**

**Additional Insured** – All policies, except for the Workers' Compensation, Errors and Omissions and Professional Liability policies, shall contain endorsements naming the **San Bernardino County** (a separate, legal public entity), and the **San Bernardino County Flood Control District** (a separate, legal public entity), collectively referred to in this section as the **County**, and all of their officers, employees, agents and volunteers as additional insureds with respect to liabilities arising out of the performance of services hereunder. Additionally, all policies, except for the Workers' Compensation, Errors and Omissions and Professional Liability policies, shall contain endorsements naming the City of San Bernardino and City of Redlands, and all of their officers, employees, agents and volunteers as additional insureds with respect to liabilities arising out of the performance of services hereunder.

The additional insured endorsements shall not limit the scope of coverage for the County as well as any other entities named herein to vicarious liability but shall allow coverage for the County as well as any other entities named herein to the full extent provided by the policy. Such additional insured coverage shall be at least as broad as Additional Insured (Form B) endorsement form ISO, CG 201011 85.

**Waiver of Subrogation Rights** – The Contractor shall require the carriers of required coverages to waive all rights of subrogation against the County, its officers, employees, agents, volunteers, contractors and subcontractors, as well as any other entities named herein. All general or auto liability insurance coverage provided shall not prohibit the Contractor and Contractor's employees or agents from waiving the right of subrogation prior to a loss or claim. The Contractor hereby waives all rights of subrogation against the County as well as any other entities named herein.

**Policies Primary and Non-Contributory** – All policies required herein are to be primary and non-contributory with any insurance or self-insurance programs carried or administered by the County or any other entities named herein.

**Severability of Interests** – The Contractor agrees to ensure that coverage provided to meet these requirements is applicable separately to each insured and there will be no cross liability exclusions that preclude coverage for suits between the Contractor and the County or between the County and any other insured or additional insured under the policy

**Proof of Coverage** – The Contractor shall furnish Certificates of Insurance to the County Department administering the contract evidencing the insurance coverage at the time the contract is executed, additional endorsements, as required shall be provided prior to the commencement of performance of services hereunder, which certificates shall provide that such insurance shall not be terminated or expire without thirty (30) days written notice to the Department, and Contractor shall maintain such insurance from the time Contractor commences performance of services hereunder until the completion of such services. Within fifteen (15) days of the commencement of this contract, the Contractor shall furnish a copy of the Declarations page for all applicable policies and will provide complete certified copies of the policies and endorsements immediately upon request.

**Acceptability of Insurance Carrier** – Unless otherwise approved by Risk Management, insurance shall be written by insurers authorized to do business in the State of California and must have a minimum Best's Insurance Guide rating of "A-" and minimum Financial Size Category of "VII" according to A. M. Best Company, Inc., website <http://www.ambest.com/>. Deductibles and Self-Insured Retention – Any and all deductibles or self-insured retentions in excess of \$10,000 shall be declared to and approved by Risk Management.

**Failure to Procure Coverage** – In the event that any policy of insurance required under this contract does not comply with the requirements, is not procured or is canceled and not replaced, the County has the right but not the obligation or duty to cancel the contract or obtain insurance if it deems necessary and any premiums paid by the County will be promptly reimbursed by the Contractor or County payments to the Contractor will be reduced to pay for County purchased insurance.

**Insurance Review** – Insurance requirements are subject to periodic review by the County. The Director of Risk Management or designee is authorized, but not required, to reduce, waive or suspend any

insurance requirements, whenever Risk Management determines that any of the required insurance is not available, is unreasonably priced, or is not needed to protect the interests of the County. In addition, if the Department of Risk Management determines that heretofore unreasonably priced or unavailable types of insurance coverage or coverage limits become reasonably priced or available, the Director of Risk Management or designee is authorized, but not required, to change the above insurance requirements to require additional types of insurance coverage or higher coverage limits, provided that any such change is reasonable in light of past claims against the County, inflation, or any other item reasonably related to the County's risk.

Any change requiring additional types of insurance coverage or higher coverage limits must be made by amendment to this contract. Contractor agrees to execute any such amendment within thirty (30) days of receipt.

Any failure, actual or alleged, on the part of the County to monitor or enforce compliance with any of the insurance and indemnification requirements will not be deemed as a waiver of any rights on the part of the County.

The Contractor agrees to provide insurance set forth in accordance with the requirements herein. If the Contractor uses existing coverage to comply with these requirements and that coverage does not meet the specified requirements, the Contractor agrees to amend, supplement or endorse the existing coverage to do so.

Without in anyway affecting the indemnity herein provided and in addition thereto, the Contractor shall secure and maintain throughout the contract term the following types of insurance with limits as shown

**Workers' Compensation/Employers Liability** – A program of Workers' Compensation insurance or a state-approved self-insurance program in an amount and form to meet all applicable requirements of the Labor Code of the State of California, including Employer's Liability with \$250,000 limits covering all persons including volunteers providing services on behalf of the Contractor and all risks to such persons under this contract.

If Contractor has no employees, it may certify or warrant to the County that it does not currently have any employees or individuals who are defined as "employees" under the Labor Code and the requirement for Workers' Compensation coverage will be waived by the County's Director of Risk Management.

With respect to Contractors that are non-profit corporations organized under California or Federal Law, volunteers for such entities are required to be covered by Workers' Compensation insurance.

**Commercial/General Liability Insurance** – The Contractor shall carry General Liability Insurance covering all operations performed by or on behalf of the Contractor providing coverage for bodily injury and property damage with minimum combined single limits, per occurrence, as follows:

CONTRACT AMOUNT	MINIMUM COVERAGE
Less than \$1,000,000	\$1,000,000
\$1,000,000 to \$3,000,000	\$3,000,000
\$3,000,000 to \$5,000,000	\$5,000,000
Over \$5,000,000	\$10,000,000

The policy coverage shall include:

- (a) Premises operations and mobile equipment.
- (b) Products and completed operations.
- (c) Broad form property damage (including completed operations).
- (d) Explosion, collapse and underground hazards.



**Replace section 8-1.02, "SCHEDULE" with:**

**8-1.02 PROGRESS SCHEDULE**

After contract award, and prior to construction, the Contractor shall submit to the Engineer a baseline progress schedule as part of the pre-construction submittals. The Contractor shall furnish the schedule in both printed and electronic (Microsoft Excel or equivalent) format. If the Contractor cannot furnish the schedule in Microsoft Excel format, then another format approved by the Engineer shall be used. The schedule shall show the construction activities (including the controlling activity(ies)), order in which the Contractor proposes to carry out the work, the dates on which the Contractor will start the several salient features of the work (including procurement of materials, plant, and equipment), and the contemplated dates for completing those salient features. The progress schedules submitted shall be consistent in all respects with the time and order of work requirements of the contract.

Progress schedule updates are also required to be submitted during construction, within 10 working days of the Engineer's written request. Failure of the Contractor to submit progress schedule updates within the required time frame may result in the withholding of progress payments.

**Replace 1st paragraph of section 8-1.03, "PRECONSTRUCTION CONFERENCE," with**

After contract award, and prior to construction, a pre-construction conference / meeting will be held at a time and location determined by the Engineer, for the purpose of discussing with the Contractor the scope of work, contract drawings, specifications, existing conditions, materials to be ordered, equipment to be used, utilities, submittals, and all essential matters pertaining to the prosecution of and the satisfactory completion of the project as required. The Contractor's representative at this conference shall include all major superintendents for the work and may include subcontractors.

**Replace 8-1.04A, "General," with:**

**8-1.04A General**

After contract award, and prior to the pre-construction conference, the Engineer will issue a Notice to Proceed with Submittals to the Contractor, and the Contractor shall then begin submitting all required submittals necessary to begin work, as listed below. Failure to provide the required submittals within the time frame specified in the Notice to Proceed with Submittals may subject the Contractor to being charged working days for each and every day after the submittal due date.

**Prior to construction**, the following submittals are required:

1. Approved baseline progress schedule – to be provided at least **5 working days** prior to construction
2. Approved Statement of Compliance with Sections 1509 and 1510 of the CalOSHA Construction Safety Orders
3. Approved Fire Safety Plan
4. Approved Notice to Residents, in English and Spanish
5. Approved Notice of Materials to be Used
6. Approved Subcontracting Request
7. Approved Staging Area
8. Water Pollution Control Program Plan (WPCP)
9. All required environmental submittals
10. Approved Traffic Control Plan.
11. Valid proof of approved permits, including Encroachment permit from the City, if applicable
12. List of personnel assigned to the project



**Replace Section 9-1.02D with:**

**9-1.02D RESERVED**

**Delete the 11<sup>th</sup>, 12<sup>th</sup>, 13<sup>th</sup>, and 14<sup>th</sup> paragraphs in section 9-1.03.**

**Replace the 16<sup>th</sup> paragraph in section 9-1.03 with**

Pay subcontractors within 7 days of receipt of each progress payment under Business and Professions Code section 7108.5.

**Replace section 9-1.07 with**

**9-1.07 RESERVED**

Add the following paragraphs to section 9-1.16A

The Contractor shall accept all payments from the Department via electronic funds transfer (EFT) directly deposited into the Contractor's designated checking or other banking account. Contractor shall promptly comply with directions and accurately complete forms provided by the Department required to process EFT payments.

The provisions of Public Contract Code section 20104.50, cited immediately below, dealing with the modification, performance, and payment of public works contracts are incorporated herein.

20104.50.

- (a)(1) It is the intent of the Legislature in enacting this section to require all local governments to pay their contractors on time so that these contractors can meet their own obligations. In requiring prompt payment by all local governments, the Legislature hereby finds and declares that the prompt payment of outstanding receipts is not merely a municipal affair, but is, instead, a matter of statewide concern. (2) It is the intent of the Legislature in enacting this article to fully occupy the field of public policy relating to the prompt payment of local governments' outstanding receipts. The Legislature finds and declares that all government officials, including those in local government, must set a standard of prompt payment that any business in the private sector which may contract for services should look towards for guidance.
- (b) Any local agency which fails to make any progress payment within 30 days after receipt of an undisputed and properly submitted payment request from a contractor on a construction contract shall pay interest to the contractor equivalent to the legal rate set forth in subdivision (a) of Section 685.010 of the Code of Civil Procedure.
- (c) Upon receipt of a payment request, each local agency shall act in accordance with both of the following:
  - (1) Each payment request shall be reviewed by the local agency as soon as practicable after receipt for the purpose of determining that the payment request is a proper payment request.
  - (2) Any payment request determined not to be a proper payment request suitable for payment shall be returned to the contractor as soon as practicable, but not later than seven days, after receipt. A request returned pursuant to this paragraph shall be accompanied by a document setting forth in writing the reasons why the payment request is not proper.

- (d) The number of days available to a local agency to make a payment without incurring interest pursuant to this section shall be reduced by the number of days by which a local agency exceeds the seven-day return requirement set forth in paragraph (2) of subdivision (c).
- (e) For purposes of this article:
  - (1) A “local agency” includes, but is not limited to, a city, including a charter city, a county, and a city and county, and is any public entity subject to this part.
  - (2) A “progress payment” includes all payments due contractors, except that portion of the final payment designated by the contract as retention earnings.
  - (3) A payment request shall be considered properly executed if funds are available for payment of the payment request, and payment is not delayed due to an audit inquiry by the financial officer of the local agency.
- (f) Each local agency shall require that this article, or a summary thereof, be set forth in the terms of any contract subject to this article.

**Replace the 5<sup>th</sup> item in following paragraph 1 of section 9-1.16C with**

- 5. Stored within the Department and you submit evidence that the stored material is subject to the Department’s control.

**Add the following paragraph to section 9-1.16C.**

Payment for Materials on Hand, meeting the criteria in this section will be at the sole discretion of the Engineer.

**Delete the 2<sup>nd</sup> paragraph in section 9-1.16D(1).**

**Replace the third paragraph in section 9-1.16E(1) with**

Withholds are not retentions under Public Contract Code § 7107 and do not accrue interest.

**Replace section 9-1.16F with**

The Department and Contractor acknowledge and agree that Public Contract Code section 7201 applies to all contracts entered into on or after January 1, 2012, between a public entity and an original contractor, between an original contractor and a subcontractor, and between all subcontractors thereunder relating to the construction of any public work of improvement. Pursuant to Public Contract Code section 7201 the Department will retain **5%** of the payments made to Contractor and total retention proceeds withheld by the Department shall not exceed **5%** of the contract price. However, this limitation does not apply to amounts retained by Department in the event of a good faith dispute or as required by law. Contractor shall also comply with Public Contract Code section 7201 in its retention of payments/contract amount to subcontractors.

The retention will be held for 35 days following the recordation of the Notice of Completion, at which time the Department will direct the County Auditor will be directed to release the withheld funds.

Contractor may upon written request, and at its expense deposit substitute securities found in Government Code section 16430 as authorized by the Public Contract Code section 22300 in lieu of retention monies withheld to ensure performance.

**Replace 9-1.17D(1) with**

After acceptance by the Director, then Engineer will make a proposed final estimate in writing of the total amount payable to the Contractor, including therein an itemization of said amount, segregated as to contract item quantities, extra work and any other basis for payments, and shall also show therein all deductions made or to be made for prior payments and amounts to be kept or retained under the provisions of the contract. All prior estimates and payments shall be subject to correction in the proposed final estimate. The Contractor shall submit written approval of the proposed final estimate, or a written statement of claims as provided below.

On the Contractor's approval, or if he files no claim, the Engineer will issue a final estimate in writing in accordance with the proposed final estimate submitted to the Contractor and within 30 days thereafter the Department will pay the entire sum so found to be due. Such final estimate and payment thereon shall be conclusive and binding against both parties to the contract on all questions relating to the amount of work done and the compensation payable therefor, except as otherwise provided in Sections 9-1.03C, "Records," and 9-1.09, "Clerical Errors."

If the Contractor files a claim(s), the Engineer will issue a semifinal estimate in accordance with the proposed final estimate submitted to the Contractor and within 30 days thereafter the Department will pay the sum so found to be due. Such semifinal estimate and any payment thereon shall be conclusive and binding against both parties to the contract on all questions relating to the amount of work done and the compensation payable therefor, except insofar as affected by the claim(s) filed within the time and in the manner required hereunder and except as otherwise provided in Sections 9-1.03C, "Records," and 9-1.09, "Clerical Errors."

**For additional claims procedures and rights under the Public Contract Code, please see 5-1.43E, "Dispute Resolution for Claims subject to Public Contract Code sections 9204, 20104, 20104.2, 20104.4 and/or 20104.6," of these Special Provisions.**

The Contractor shall keep full and complete records of the costs and additional time incurred for any work for which a claim for additional compensation is made. The Engineer or any designated claim investigator or auditor shall have access to those records and any other records as may be required by the Engineer to determine the facts or contentions involved in the claims. Failure to permit access to such records shall be sufficient cause for denying the claims.

Any claim for overhead type expenses or costs shall be supported by an audit report of an independent Certified Public Accountant. Any such overhead claim shall also be subject to audit by the Department at its discretion.

Any costs or expenses incurred by the Department in reviewing or auditing any claims that are not supported by the Contractor's cost accounting or other records shall be deemed to be damages incurred by the Department within the meaning of the California False Claims Act.

**Replace section 9-1.17D(2)(a) with  
9-1.17D(2)(a) RESERVED**

**Replace the 6<sup>th</sup> paragraph in section 9-1.17D(3) with**  
Failure to comply with the claim procedures is a bar to pursue the claim in a court of law.

**Replace section 9-1.22 with**

**9-1.22 CIVIL ACTION**

See Section 5-1.43G, "Civil Action" of these Special Provisions.

NOT FOR BID









#### **14-11.14B Submittals**

Within 5 business days of disposing of treated wood waste, submit as an informational submittal a copy of each completed shipping record and weight receipt.

#### **14-11.14C Training**

Provide training to personnel who handle or may come in contact with treated wood waste. Training must include:

1. Requirements of 8 CA Code of Regs
2. Procedures for identifying and segregating treated wood waste
3. Safe handling practices
4. Requirements of Health & Safety Code §25230 et seq
5. Proper disposal methods

Maintain training records for 3 years after contract acceptance.

#### **14-11.14D Storage of Treated Wood Waste**

Store treated wood waste at the jobsite until transport to the CA permitted disposal site.

Until disposal, store treated wood waste using the following methods:

1. Raise the waste on blocks above a foreseeable run-on elevation and protect it from precipitation for no more than 90 days.
2. Place the waste on a containment surface or pad protected from run-on and precipitation for no more than 180 days.
3. Place the waste in water-resistant containers designed for shipping or solid waste collection for no more than 1 year.
4. Place the waste in a storage building as defined in Health & Safety Code §25230 et seq.

Prevent unauthorized access to treated wood waste using a secure enclosure such as a locked chain-link-fenced area or a lockable shipping container located within the job site.

Resize and segregate treated wood waste at a location where debris including sawdust and chips can be contained. Collect and manage the debris as treated wood waste.

Identify treated wood waste and accumulation areas using water-resistant labels that comply with Health & Safety Code §25230 et seq. Labels must include:

1. The words *TREATED WOOD WASTE Do not burn or scavenge*
2. The words *Caltrans District* and the district number
3. The words *Construction Contract* and the contract number
4. District office address
5. Engineer's name, address, and telephone number
6. Contractor's contact name, address, and telephone number
7. Date placed in storage

#### **Add to the end of section 14-11.14D:**

Store a portion of treated wood waste for County testing of materials at the discretion of the Engineer.

#### **14-11.14E Transport and Disposal of Treated Wood Waste**

Dispose of treated wood waste within:

1. 90 days of generation if stored on blocks
2. 180 days of generation if stored on a containment surface or pad
3. 1 year of generation if stored in a water-resistant container or within 90 days after the container is full, whichever is shorter
4. 1 year of generation if stored in a storage building as defined in Health & Safety Code §25230 et seq

Before transporting treated wood waste, obtain agreement from the receiving facility that it will accept the waste. Protect shipments of the waste from loss and exposure to precipitation. For projects generating 10,000 lb or more of treated wood waste, request a generator's EPA Identification Number from the Engineer at least 5 business days before the 1st shipment. Each shipment must be accompanied by a shipping record such as a bill of lading or invoice that includes:

1. The words *Caltrans District* and the district number
2. The words *Construction Contract* and the contract number
3. District office address
4. Engineer's name, address, and telephone number
5. Contractor's name, contact person, and telephone number
6. Receiving facility's name and address
7. Description of the waste (e.g., treated wood waste with preservative type if known or unknown/mixture)
8. Project location
9. Estimated weight or volume of the shipment
10. Date accumulation begins
11. Date of transport
12. Name of transporter
13. Date of receipt by the treated wood waste facility
14. Weight of shipment measured by the receiving facility
15. Generator's US EPA Identification Number for projects generating 10,000 lb or more of treated wood waste

The shipping record must be 8-1/2 by 11 inches and a 4-part carbon or carbonless form to provide copies for the Engineer, transporter, and treated wood waste facility.

Transport treated wood waste directly to the CA permitted disposal site after leaving the jobsite. Do not mix treated wood waste from the job site with waste from any other generator.

Dispose of treated wood waste at one of the following:

1. An approved California disposal site operating under a RWQCB permit that includes acceptance of treated wood waste
2. California disposal site operating under a DTSC permit that includes acceptance of treated wood waste

Treated wood waste may be disposed as a hazardous waste at any of the following Resource Conservation and Recovery Act (RCRA) Subtitle C disposal facilities:

1. US Ecology, Beatty, Nevada
2. US Ecology, Grandview, Idaho
3. Chemical Waste Management of the Northwest, Arlington, Oregon

PROJECT:

National Trails  
Highway - Dola &  
Lanzit Ditch  
Bridges  
Replacement

W.O. # H15220

**PERMIT EXPIRATION DATES:** ACOE - No permit required (Non-jurisdictional); CDFW Lake and Streambed Alteration (LSA)(Dola)EPIMS-SBR-42970-R6, EPIMS-SBR-43041-R6 (Lanzit) both expire on February 28, 2029; Colorado Regional Water Board, Waste Discharge Requirements (WDR's) (Dola)WDID NO. 7A363046001, (Lanzit)WDID NO. 7A363044001, expires upon Notice of Completion. Estimated Project Duration 120 days

PLANNER: AJ

TIMING	LEAD TIME	SEASONAL RESTRICTIONS		RESPONSIBLE PARTY	SOURCE DOCUMENT	COMPLETE/VERIFICATION SPEC REFERENCE
60 days prior to construction start	90 days		<p><b>2.9 Burrowing Owl.</b> Permittee shall ensure that impacts to burrowing owls are avoided through the implementation of preconstruction surveys, ongoing monitoring, and if necessary, establishment of minimization and mitigation measures.</p> <p><b>2.9.1</b> Permittee shall have a qualified wildlife biologist pre-approved by CDFW perform a survey for burrowing owls within <b>sixty (60) days</b> and at least thirty (30) days prior to clearing any area.</p> <p><b>2.9.2</b> If suitable burrowing owl habitat is found on site, Permittee shall have a qualified biologist, preapproved by CDFW, inspect all burrows that exhibit typical characteristics of owl activity (such as owls themselves, burrows, and owl sign at burrow entrances, including pellets, feces, or other "ornamentation", feathers, prey remains, whitewash, etc.) no sooner than <b>three (3) days prior</b> to any site preparation activities. If it is evident that the burrows are actively being used, Permittee shall not commence activities until no sign is present that the burrows are being used by adults or juvenile owls. CDFW shall be notified in writing of the detection of active burrows <b>within three (3) days</b>.</p> <p><b>2.9.3</b> Permittee shall submit the survey methodology and results <b>within seven (7) days of completion and at least twenty-one (21) days prior</b> to commencement of Project activities addressed by this Agreement.</p> <p><b>2.9.4</b> If burrowing owls are observed within the Project site during Project implementation and construction, Permittee shall notify CDFW immediately in writing. Further, Permittee shall be responsible for implementing appropriate avoidance and mitigation measures, including habitat avoidance, passive or active relocation, or other appropriate mitigation measures.</p> <p><b>2.9.5</b> If burrowing owls are detected on the Project site, a Burrowing Owl Mitigation and Monitoring Plan (BOMMP) shall be submitted to CDFW for review and approved prior to relocation of owls. The BOMMP shall describe the proposed relocation, monitoring, minimization, and mitigation actions. The BOMMP shall include the number and location of occupied burrow sites and details on adjacent or nearby suitable habitat available to owls for relocation. If no suitable habitat is available nearby for relocation, details regarding the creation of artificial burrows (number, location, and types of burrows) shall also be included in the BOMMP. As compensation for the scenario loss of burrowing owl nesting and foraging habitat, the BOMMP shall identify mitigation including acquisition and funding of the permanent protection for the loss of burrowing owl habitat. Permittee shall implement the BOMMP following CDFW review and approval.</p>	EMD	CDFW, Lake and Streambed Alteration (LSA), Section 2.9	2.9 2.9.1 2.9.2 2.9.3 2.9.4 2.9.5
30 days prior to construction start	90 days		<p><b>2.1 Designated Representative</b> . Before initiating ground- or vegetation-disturbing Project activities, Permittee shall designate a representative (Designated Representative) responsible for communications with CDFW and overseeing compliance with this Agreement. The Permittee shall notify CDFW in writing at least <b>thirty (30) calendar days prior</b> to commencement of ground- or vegetation-disturbing activities of the Designated Representative's name, business address, and contact information. Permittee shall notify CDFW in writing if a substitute Designated Representative is selected or identified at any time during the term of this Agreement.</p>	EMD	CDFW, 1602, Section 2	

30 days prior to construction start	90 days	<p><b>2.2</b> Designated Biologist(s). At least thirty (30) days before site preparation and initiating ground- or vegetation-disturbing activities, Permittee shall submit to CDFW the <b>Biologist Resume Form</b> of the Designated Biologist for review and approval (Exhibit 2). The form shall demonstrate the biologist is knowledgeable and experienced in the biology, natural history, and/or appropriate survey methodology of local fish and wildlife resources described in the measures of this Agreement and those that are present or may be present at the project site. In the Additional Information field, the resume shall also include a description of experience performing desert tortoise field work which includes relevant training information, recent projects and the hours/days spent conducting desert tortoise surveys, and the number of juvenile (&lt;100mm) and adult (&gt;100 mm) desert tortoises located during surveys for each project. Permittee shall obtain CDFW's written approval of the Designated Biologist prior to the commencement of project activities. Permittee shall obtain CDFW's written approval if the Designated Biologist must be changed and will provide the form as described in this measure for CDFW's review and approval. The Designated Biologist shall be on-site daily and be responsible for monitoring all project activities, including construction and any ground- or vegetation-disturbing activities in areas subject to this Agreement. The Designated Biologist shall flag the limits of project activities within the areas subject of Fish and Game Code section 1602, perform necessary surveys, prevent unlawful take of species, conduct compliance inspections, and take photographs during the construction process.</p>	EMD	CDFW,1602, Section 2	
30 days prior to construction start	30 days	<p><b>4.6</b> Bat Avoidance , Monitoring, and Protection Plan. If bats are found and could be adversely impacted by the Project, a BAMPP shall be created by a Designated Biologist(s) and submitted to CDFW for review and approval, according to Measure 2.13, <b>within thirty (30) days prior</b> to the start of any Project related activities identified within this Agreement. The BAMPP shall include the bat pre-Project survey results (refer to Measure 2.12) and Project-specific avoidance and minimization measures that consider, but are not necessarily limited to: 1) pre-Project survey methodology used (i.e., timing, duration, location, and species detected); 2) pre-Project survey results; 3) qualifications of proposed Designated Biologist(s) that will monitor Project activities where bats are present; 4) Project phasing and timing; 5) installation and monitoring of exclusionary materials, where and when appropriate; 6) monitoring of Project-related noise, vibration, and lighting; and installation of buffers; and 7) procedures and frequency of direct reporting to CDFW</p>	EMD	CDFW,1602, Section 4	
14-21 days prior to start of construction	21 days	<p><b>2.5</b> Pre-activity Surveys . The Designated Biologist(s) shall conduct pre-activity surveys within the Project area and an appropriate buffer surrounding these areas <b>14-21 days prior to initiating Project</b> activities. The surveys shall be conducted to identify and map for avoidance of any special-status species with the potential to occur on the site, including those identified in the Project Impacts section of this Agreement, and any habitat, den, roost, burrows, nests, etc. capable of supporting special-status species. The Designated Biologist(s) shall ensure that the methods to locate, identify, map, avoid, and buffer individuals or habitat are appropriate and effective, including the assurance that the surveyor has attained 100% visual coverage of the entirety of the potential impact areas, and an appropriate buffer surrounding those areas. Results of the survey shall be submitted to CDFW via email prior to initiation of any Project activities. <b>If any special-status species</b> (or sign of presence) is identified within or adjacent to the Project area, Permittee shall notify CDFW within 24 hours and submit, no less than one week prior to initiation of Project activities, species-specific avoidance and minimization measures that when implemented, will fully avoid (for listed activities) and minimize and/or avoid impacts to special-status species. <b>If full avoidance to listed species</b> cannot be accomplished, Permittee shall postpone the Project, and contact CDFW to discuss an appropriate path forward.</p>	EMD	CDFW, 1602, Section 2.5	

14 Days Prior to construction	14 - 3 days	<p><b>2.11 Desert Kit Fox and American Badger Surveys. No more than fourteen (14) days and no less than three (3) days prior</b> to the beginning of surface disturbance, the Designated Biologist(s) shall conduct a pre-project 10-meter transect survey (or reduced based on topography and vegetation), to attain 100% visual coverage within the Project area and a minimum 200-meter buffer to determine the presence or absence of desert kit fox and American badger individuals, dens, and sign. Permittee shall provide the results of the survey to CDFW to the start of Project activities, as described in Measure 4.5</p> <p><b>2.11.1 Den Monitoring.</b> If potential dens are located, they shall be monitored by the Designated Biologist(s). Trail cameras may be used to assist with observation but shall not be the sole basis upon which the status is determined. Permittee shall provide a determination if active dens can be avoided and buffered from Project activities to prevent take and disturbance with the survey results.</p> <p><b>2.11.2 Monitoring and Relocation Plan.</b> Should active dens be present within the Project area that cannot be avoided with adequate buffer, the Permittee shall reschedule Project activities or submit a monitoring and relocation plan for CDFW's review and approval. No disturbance or relocation of active dens may take place when juveniles may be present and dependent of parental care.</p> <p><b>2.11.3 Inactive Den Avoidance.</b> Permittee shall block inactive dens within the buffer zone with rocks and sticks to discourage use during Project activities and remove when construction is complete. The Designated Biologist(s) shall periodically check the inactive burrows remain blocked and are not reoccupied.</p> <p><b>2.11.4 Active Natal Dens.</b> If active natal dens (a den with pups, cubs, or kits) or any den active within the species' breeding season (typically February to October) will not be excavated or passively relocated and a minimum of 150-meter no-disturbance buffer shall be maintained until the young have dispersed and are no longer using the den. Reduction of no-disturbance buffer may occur upon consultation with CDFW. If an active natal den is detected on site, CDFW shall be contacted within 24 hours.</p> <p><b>2.11.5 Notification and Action.</b> If an injured, sick, or dead animal is detected within or adjacent to the Project site or associated right-of-way, Permittee shall immediately notify by phone CDFW regional contact list under the Contact Information section below. Written follow-up notification via electronic communication shall be submitted to CDFW within 24 hours of the incident.</p>	EMD	CDFW, 1602, Section 2	2.11.1 2.11.2 2.11.3 2.11.4 2.11.5
14 days prior to construction start	14 days	<p><b>4.7 Notification of Start of Construction</b> . Permittee shall notify CDFW at least fourteen (14) days prior to initiation of Project activities in areas subject to Fish and Game Code section 1602. Notification shall be submitted via email to Marlee Poff, Environmental Scientist, at marlee.poff@wildlife.ca.gov and to the CDFW regional office at R6LSAReporting@wildlife.ca.gov.</p>	EMD	CDFW, 1602, Section 4.7	
7 days prior to construction start		<p><b>A. Commencement of Construction</b> The Permittee shall submit a Commencement of Construction Report at least <b>seven (7) days prior</b> to the start of initial ground disturbance activities.</p>	EMD	RWQCB WDR Section XII. 2.	
7 days prior to construction start		<p><b>2.16 Avoidance of Sensitive Resources.</b> Following the completion of the pre-activity sweep, the Designated Biologist(s) shall ensure that all sensitive resources identified are mapped/marked for avoidance and that the buffers proposed to protect those sensitive resources are appropriately sized and clearly demarcated. In addition, the Designated Biologist(s) shall identify and mark the most appropriate path (i.e., the route that provides full avoidance of sensitive resources, vegetation, and other habitat values) for construction equipment and equipment to utilize to access the Project site. The Designated Biologist(s) shall use available scientific research, independent judgement, and personal experience when assigning avoidance buffer. <b>Details of these avoidance measures shall be provided to CDFW no less than seven (7) days prior to initiation of Project activities.</b> If there is any possibility that full avoidance of listed species cannot be achieved, Permittee shall terminate Project activities, and consult with CDFW on the appropriate path forward.</p>	EMD	CDFW 1602 2.16	

<p><b>No More than 3 Days Prior to Project Start</b></p>		<p><b>2.10 Desert Tortoise.</b> The Permittee shall ensure that impacts to desert tortoises are fully avoided through implementation of pre-construction surveys and construction monitoring. The issuance of this Agreement does not authorize take of desert tortoise.</p> <p><b>2.10.1</b> A Designated Biologist(s) approved by CDFW to perform desert tortoise surveys shall conduct a protocol-level presence or absence survey within the Project area, access route(s), staging area(s), stockpile(s), and a 50-foot buffer zone <b>no more than 3 days prior</b> to all Project activities in accordance with Preparing for Any Action that May Occur within the Range of the Mojave Desert Tortoise (USFWS 2019; Mojave Desert Tortoise_Pre-project Survey Protocol_2019.pdf (fws.gov)). Pre-construction surveys shall be completed using perpendicular survey routes and 100-percent visual coverage for desert tortoises and their sign, including tortoise remains, burrows, track, scat, or eggshells, within the Project area and 50-foot buffer zone. Project activities cannot start until two negative results from consecutive surveys using perpendicular survey routes for desert tortoise are documented. Results of the surveys shall be submitted to CDFW prior to construction start, as described in Measure 4.4. If the pre-construction survey confirm desert tortoise absence, the Designated Biologist(s) shall ensure desert tortoises do not enter the Project area. If the surveys or monitoring throughout the term of this Agreement confirms presence, Permittee shall halt all activities that could result in impacts and notify CDFW immediately in writing to R6LSARreporting@wildlife.ca.gov (reference Notification No. EPIMS-SBR-43041-R6). If full avoidance cannot be accomplished, Permittee shall postpone the Project until appropriate CESA authorization is obtained. This may include an Incidental Take Permit (ITP) or a consistency determination in certain circumstances (Fish and Game Code §§ 2080 and 2081).</p> <p><b>2.10.2 A Designated Biologist(s) approved by CDFW shall be on site daily to conduct clearance surveys for desert tortoise and oversee compliance with avoidance and minimization measures in this Agreement.</b></p>	<p>EMD</p>	<p>CDFW, 1602, Section 2.10</p>	<p>2.10.1</p> <p>2.10.2</p>
<p><b>No More than 3 Days Prior to Project Start</b></p>		<p><b>2.8 Nesting Birds</b> . Permittee shall ensure that impacts to nesting birds are avoided through the implementation of preconstruction surveys, ongoing monitoring, and if necessary, establishment of minimization measures</p> <p><b>2.8.2 Surveys</b> shall be conducted by the Designated Biologist(s) at the appropriate day/night, during appropriate weather conditions, <b>no more than three (3) days prior to the initiation of</b> Project activities addressed by this Agreement. Surveys shall encompass all suitable areas including trees, shrubs, bare ground, burrows, cavities, and structures. Survey duration shall take into consideration the size of the property; density, and complexity of habitat; number of survey participants; survey techniques employed; and shall be sufficient to ensure the data collected is complete and accurate. Pre-maintenance surveys shall focus on both direct and indirect evidence of nesting, including nesting locations and nesting behaviors (e.g., copulation, carrying food or nesting material, nest building, removal of fecal sacks, flushing suddenly from atypically close range, agitation, aggressive interactions, feigning injury or distraction display, or other behaviors). <b>If a nest is suspected but not confirmed</b>, the Designated Biologist(s) shall establish a disturbance-free buffer until additional surveys can be completed, or until the location can be inferred based on observations. Surveyors shall not risk failure of the nest to determine the exact location or status and will make every effort to limit the nest to potential predation as a result of the surveying/monitoring efforts (e.g., limit the number of surveyors, limit the time spent at/near the nest, scan the site for potential nest for predators before approaching, immediately depart nest area if indicators of stress or agitation are displayed). <b>If a nest is observed</b>, but thought to be inactive, the Designated Biologist(s) shall monitor the nest for one hour (four hours for raptors during the non-breeding season) prior to approaching the nest to determine status. The Designated Biologist(s) shall use their best professional judgement regarding monitoring period and whether approaching the nest is appropriate.</p> <p><b>2.8.3 When an active nest is confirmed</b>, the Designated Biologist(s) shall immediately establish a conservative buffer surrounding the nest based on their best professional judgement and experience. The buffer shall be delineated to ensure that its location is known by all persons working within the vicinity but shall not be marked in such a manner that it attracts predators. Once the buffer is established, the Designated Biologist(s) shall document baseline behavior, stage of reproduction, and existing site conditions, including vertical and horizontal distances from the proposed work areas, visual or acoustic barriers, and existing level of disturbance. Following documentation of baseline conditions, the Designated Biologist(s) may choose to adjust the buffer based on site characteristics, stage of reproduction, and types of Project activities proposed at/near that location. The Designated Biologist(s) shall use his/her professional expertise to determine the frequency of monitoring required (based on the nest location, bird species, and identified maintenance activities) at the onset of any changes in Project activities (e.g., increase in number or type of equipment, change in equipment usage, etc.) to determine the efficacy of the buffer. <b>If the Designated Biologist(s) determines</b> that the Project activities may be causing an</p>	<p>EMD</p>	<p>CDFW, 1602, Section 2.</p>	<p>2.8.2</p> <p>2.8.3</p> <p>2.8.4</p>

Prior to Construction	within 2 hours of initiating Project activities	<p><b>2.7 Pre-activity Sweeps</b> . The Designated Biologist(s) shall conduct pre-activity sweeps within the Project areas (including access routes) and an appropriate buffer surrounding the Project area, <b>within 2 hours</b> of initiating Project activities. The pre-activity sweeps shall confirm and mark/map for avoidance the location of any known nesting bird(s) and/or special-status species have occupied the Project area or adjacent habitat. <b>If any additional/new nesting bird(s)</b> and/or special-status species (or sign of presence) are identified within or adjacent to the Project areas during the pre-activity sweep, Permittee shall determine whether the proposed avoidance measures will be affective in fully avoiding impacts of the Projects on the identified resource(s) prior to initiating Project activities. If full avoidance of listed species cannot be accomplished, Permittee shall postpone the Project, and contact CDFW to discuss an appropriate path forward.</p>	EMD	CDFW 1602 2.7	
Prior to Construction		<p><b>2.6 Access Routes and Work Areas.</b> The Designated Biologist(s) shall establish and delineate work areas and access routes, with those areas and routes identified in the notification, to minimize impacts to sensitive resources to the greatest extent feasible. The Designated Biologist(s) shall clearly demarcate, using non-ground-disturbing methods, the prescribed work areas and access routes, and any necessary avoidance areas, including an appropriate buffer. <b>If Permittee determines that alternative access routes or work areas, beyond those described in the notification, are</b> necessary, the Designated Biologist(s) or Permittee shall contact CDFW for written approval prior to utilizing the alternative route. CDFW may require an amendment to this Agreement if Project modifications are required.</p>	EMD/Contracts	CDFW 1602 2.6	
Prior to Construction		<p><b>4. Reporting Measures</b> Permittee shall meet each reporting requirement described below.</p> <p><b>4.1 Preconstruction Nesting Bird Survey Report</b> t. Prior to the commencement of Project activities addressed by this Agreement, the Permittee shall submit to CDFW the results of the pre-construction nesting bird surveys completed pursuant to Measure 2.8.2 of this Agreement.</p> <p><b>4.2 Nesting Bird Summary Reports</b> . Permittee shall prepare and submit to CDFW a summary, as described in Measures 2.8.3 and 2.8.4 of this Agreement of the nesting species identified onsite, discovery of nests, the status/outcome of any previously identified nest, buffer distances established for each nest, and any adjustments made to establish buffers. Summary reports shall be submitted on a weekly basis until there is no further evidence of nesting activity. If the Project results in the abandonment of or damage to a nest, Permittee shall notify CDFW within 24 hours.</p> <p><b>4.3 Burrowing Owl Survey Report</b> . Permittee prior to commencement of Project activities addressed by this Agreement, Permittee shall prepare and submit to CDFW the results of the burrowing owl habitat assessment complete pursuant to Measures 2.9.1 and 2.9.4 of this Agreement.</p> <p><b>4.4 Desert Tortoise Survey Results</b> . Prior to the commencement of Project activities addressed by this Agreement, the Permittee shall prepare and submit to CDFW the results of the Desert Tortoise Protocol survey results, pursuant to Measure 2.10.1 of this Agreement.</p> <p><b>4.5 Desert Kit Fox and American Badger Survey Results</b> . Prior to the commencement of Project activities addressed by this Agreement, the Permittee shall prepare and submit to CDFW the results of the desert kit fox and American badger survey, pursuant to Measure 2.11 if this Agreement.</p>	EMD	CDFW, 1602, Section 4	4.1 4.2 4.3 4.4 4.5

Prior to Construction		<p><b>2.12 Bat Roosting Habitat Suitability Assessment.</b> Prior to commencement of Project activities, a Designated Biologist shall conduct a bat roosting habitat suitability assessment of the structures and trees that may be removed, altered, or indirectly affected by the Project. <b>If bat roosting habitat</b> is detected during the pre-construction surveys, nighttime surveys shall be performed by the Designated Biologist(s).</p> <p><b>2.13 Bat Nighttime Pre-Project Survey.</b> Any locations identified as suitable bat roosting habitat by the Designated Biologist(s) shall be subject to additional nighttime surveys during the summer months (i.e., June-August) to determine the numbers and bat species using the roost(s). As bats may utilize dense tree canopies, snags, rock crevices, or built structures over creeks/water, these habitat types shall be surveyed. Foraging areas and specific flight routes to those foraging areas shall also be documented. The surveys shall be conducted by the Designated Biologist(s), using an appropriate combination of structure inspection, sampling, exit counts, and acoustic surveys. <b>If bats are found using</b> any structures or trees within the Project area, the Designated Biologist(s) shall identify the bats to the species level and evaluate the colony to determine its size and significance. The bat survey should include 1) recordation of the exact location of all roosting sites (location shall adequately described and drawn on a map); 2) the number of bats present at the time of the visit (count or estimate); 3) the names of each species of bat present (including how the species was identified); and 4) the type of roost i.e., a night roost (resting at night without feeding) versus a day roost (resting during the day), clearly stated. If bats are found and could be adversely impacted by the Project, the Designated Biologist(s) shall use and include the information collected during the surveys to develop species-specific measures to minimize impacts on roosting within a Bat Avoidance, Monitoring, and Protection Plan (BAMPP, refer to Measure 4.6 below). <b>If the presence of a maternity colony</b> is confirmed, direct impacts shall be avoided and Project related activities involve combustion engines and/or night lighting, avoidance, and minimization measures (i.e., designation buffers) shall be included in the BAMPP.</p>	EMD	CDFW 1602, Section 2.12, 2.13	2.12  2.13
Prior to Construction		<p><b>3.1 Offsite Mitigation.</b> (Dola)The Project will permanently impact 0.07 acre of streambed resources. To compensate for the loss of the streambed resources; the Permittee shall purchase 0.14 acre from a CDFW approved mitigation or conservation bank, prior to the start of construction.</p> <p>(Lanzit)The Project will permanently impact 0.06 acre of streambed resources. To compensate for the loss of the streambed resources; the Permittee shall purchase 0.12 acre from a CDFW approved mitigation or conservation bank, prior to the start of construction.</p>	EMD	CDFW 1602, Section 3	Dola  Lanzit
Prior to Construction		The Permittee will provide compensatory mitigation for the authorized cobined impacts to 0.13 acres of waters of the state by purchasing preservation credits from the Black Mountain Conservation Bank.	EMD	RWQCB, WDR Section XII.H	Dola  Lanzit
Prior to Construction		<b>2.4 Worker Environmental Awareness Program (WEAP).</b> Prior to implementing any Project activities, Permittee shall implement a Worker Environmental Awareness Program (WEAP) to educate on-site workers about sensitive environmental issues associated with the Project. The program will be administered to all on-site personnel, including the Permittee's personnel, contractors, and all subcontractors, prior to the employee's commencing Project activities. Permittee shall provide interpretation for non-English speaking workers, and the same instruction shall be provided to any new workers before they are authorized to perform Project activities.	CONTRACTS/ EMD	CDFW, 1602, Section 2.4	

Prior to Construction		<p><b>A paleontologist must be retained</b> who meets the professional paleontologist qualifications (San Bernardino County Development Code §82.20.040) and has demonstrated experience in carrying paleontological projects to completion. This qualified paleontologist must develop and implement a Paleontological Resources Management Plan (PRMP) for the project area that meets the standards set forth in San Bernardino County Development Code §82.20.030. This shall include:</p> <ul style="list-style-type: none"> <li>• <b>A Worker Environmental Awareness Program (WEAP)</b> wherein all construction personnel are trained on the processes to be followed upon encountering any fossils.</li> <li>• <b>A monitoring plan</b> for ground disturbing activities that provides the monitor(s) with the authority to temporarily halt or divert equipment. Monitors shall be onsite for any disturbance of sediments with high or unknown paleontological sensitivity. Monitors must have demonstrated sufficient paleontological training and field experience to have acceptable knowledge and experience of fossil identification, salvage and collection methods, paleontological techniques, and stratigraphy.</li> <li>• <b>A recovery plan</b> for significant fossils that provides for the treatment of specimens to the point of identification and permanent preservation, including washing of sediments to recover small invertebrates and vertebrates.</li> <li>• <b>A specimen identification, analysis, and curation plan</b> that includes identification to the lowest taxonomic level possible; taxonomic, taphonomic, and biostratigraphic analysis; and curation to the standards of the San Bernardino County Museum, where they will be curated.</li> </ul> <p>• <b>Documentation of the results of the construction monitoring program with daily monitoring reports,</b> monthly progress reports, and a final report of findings with an appended itemized of specimens. These must be submitted to the County of San Bernardino, Department of Public Works for review.</p>	EMD	CEQA Initial Study (PAL-1)	
Prior to Construction		<p><b>Transportation and Traffic</b>  T-1: Prior to the commencement of construction, the San Bernardino County Department of Public Works shall prepare and <b>submit a Construction Traffic Control Plan to the California Department of Transportation</b> for review. The Construction Traffic Control Plan must be prepared in accordance with both the Caltrans Manual on Uniform Traffic Control Devices and Work Area Traffic Control Handbook (WATCH) Manual and shall include detailed information on the following:</p> <ol style="list-style-type: none"> <li>1. <b>Plans and placement of temporary</b> signing, lighting, and traffic control devices as required; including, but not limited to: appropriate signage along access routes to indicate detour routes, the presence of heavy vehicles and construction traffic, awareness of routes and duration of detour, and access for emergency vehicles to and through the immediate project area;</li> <li>2. <b>Use of directing construction traffic with a flag person;</b></li> <li>3. <b>Timing and schedule</b> of heavy equipment and building materials deliveries;</li> <li>4. <b>Determination of the need for construction work hours and arrival/departure</b> times outside peak traffic periods;</li> <li>5. <b>Identification of vehicle safety procedures at detour intersections;</b></li> <li>6. <b>The need for providing advance notification to affected property owners,</b> emergency services, businesses, residents, etc. of detours;</li> <li>7. <b>Identification of vehicle safety procedures</b> in the event of roadway flooding; and</li> <li>8. <b>Provisions for the establishment of a traffic control coordinator.</b> The traffic control coordinator shall be responsible for responding to any local complaints about project construction and operational traffic concerns. The traffic control coordinator shall determine the cause of the traffic complaint and shall be required to implement reasonable measures to resolve the complaint. Signs posted along the project construction and operations access routes shall list the telephone number for the traffic control coordinator.</li> </ol>	Transportation/Contracts	CEQA Addendum 1.4	
Prior to Construction		<p>6. Lake and Streambed Alteration Agreement - The Permittee shall submit a signed copy of the Department of Fish and Wildlife's lake and streambed alteration agreement to the Colorado River Basin Water Board immediately upon execution and prior to any discharge to waters of the state.</p>	EMD/Contracts	RWQCB, WDR Section XII.3	

Prior to Construction		<p><b>c. In-Water Work:</b></p> <p>i. The Permittee shall notify the Colorado River Basin Water Board at <b>least 48 hours prior</b> to initiating work in water or stream diversions. Notification may be via telephone, e-mail, delivered written notice, or other verifiable means.</p> <p>ii. Within three (3) working days following completion of work in water or stream diversions, an In-Water Work/Diversions Water Quality Monitoring Report must be submitted to Colorado River Basin Water Board staff.</p>	CONTRACTS	RWQCB, WDR Section XII.3	
Prior to Construction		<p><b>PM-5:</b> Preconstruction clearance surveys will address desert tortoises and their burrows, as well as other biological resources, including burrowing owl, desert kit fox, other special-status wildlife, or protected nesting birds. The results of preconstruction clearance surveys will be submitted to CDFW. <b>If necessary</b>, the Project Biologist will use a video device mounted on flexible extender to determine if a burrow is occupied. <b>If a burrowing owl or desert kit fox</b> is present within a burrow, project construction will be delayed until the animal leaves the area. The County may employ "passive exclusion" methods for burrowing animals, if needed. The County also may use plastic sheeting or similar material to prevent birds from nesting on the bridge substructure. <b>If an active bird nest is</b> located on or adjacent to the work site, the Project Biologist will designate and flag an appropriate buffer area around the nest where Project activities will not be permitted. The buffer area will be based on the bird species and bird surveys. The breeding season is approximately January 1 through September 1; therefore activities conducted from September 2 through December 31 would not require pre-construction nesting bird surveys. No burrowing owl, desert kit fox, or active bird nest will be handled or disturbed for the project.</p>	EMD/Contracts	CEQA Addendum 1.3	
Prior to Construction		<p><b>PM-1</b> The County will submit the name and qualifications of one or more biologists to serve as Project Biologist to Caltrans for review prior to beginning on-site activities. The County will provide the Project Biologist with contact information for the County Resident Engineer (RE) prior to the beginning of on-site activities.</p> <p>Additionally, consistent with Protective Measures 1 through 3: The Project Biologist will conduct pre-construction surveys, construction monitoring, and related tasks for all biological resources including desert tortoise.</p> <p><b>PM-2</b> The County designated Project Biologist will be responsible for overseeing compliance with all protective measures and for coordination with the Service. The Project Biologist will immediately notify the RE of project activities that may result in take or adverse effects to a desert tortoise. In such an event, the RE can halt all construction activities until all protective measures are being fully implemented, as determined by the Project Biologist.</p>	EMD	CEQA Addendum 1.3	
Prior to and During Construction		<p><b>d. Modifications to Project:</b></p> <p>Project modifications may require an amendment of this Order. The Permittee shall give advance notice to Colorado River Basin Water Board staff if Project implementation as described in the application materials is altered in any way or by the imposition of subsequent permit conditions by any local, state, or federal regulatory authority by submitting a Modifications to Project Report. The Permittee shall inform Colorado River Basin Water Board staff of any Project modifications that will interfere with the Permittee's compliance with this Order.</p>	CONTRACTS	RWQCB, WDR Section XII.3	
Prior to and During Construction		<p><b>4.8 Notification to CNDDDB.</b> If any sensitive species are observed on or in proximity to the Project site, or during Project surveys, Permittee shall submit the occurrence information to the California Natural Diversity Database (CNDDDB) within five (5) calendar days of the sighting. Submissions can be made to CNDDDB online at <a href="https://wildlife.ca.gov/Data/CNDDDB/Submitting-Data">https://wildlife.ca.gov/Data/CNDDDB/Submitting-Data</a>. A copy of this information shall be mailed within five (5) business days to CDFW Inland Deserts Region, 3602 Inland Empire Blvd, Suite C-220, Ontario, CA 91764.</p>	EMD	CDFW, 1602 Section 4	

Prior to Construction			<p><b>BIO-1:</b> Limit disturbance area. Prior to the initiation of any ground-disturbing activity, the County of San Bernardino, Department of Public Works will install fencing, flagging, lath, and rope, or other appropriate devices under the supervision of a qualified biological monitor to delineate the maximum limits of disturbance. The designated area will approximate the project footprint as closely as possible. The Project Biologist or another qualified biological resources monitor will be on the site during any initial vegetation clearing or other site preparation and on a daily basis as specified by the avoidance and minimization measures within this Initial Study/Mitigated Negative Declaration to document compliance with the avoidance and minimization measures and any additional mitigation, and to provide guidance in avoiding or minimizing impacts to biological resources.</p> <p><b>BIO-5:</b> Pre-construction clearance survey: Minimize impacts to native vegetation. Project design will minimize impacts to intact native vegetation to the extent feasible.</p>	EMD/Contracts	CEQA Addendum 1.4	
Prior to Construction			<p>Immediately prior to the start of any ground-disturbing activities and prior to the installation of any desert tortoise exclusion fencing, clearance surveys for the desert tortoise will be conducted by the Project Biologist. The entire project area will be surveyed for desert tortoise and their burrows by the Project Biologist before the start of any ground-disturbing activities following the 2010 field survey protocol (Service 2010) or more current approved protocol. <b>If burrows are found</b>, they will be examined by the Project Biologist to determine if desert tortoises are present. <b>If a tortoise is present</b>, construction activities will be postponed until the tortoise has left the work area. <b>If desert tortoises are found at a project site</b> where the Project Biologist had previously concluded they were unlikely to occur, the County will contact Caltrans and the Service to determine if the implementation of additional protective measures would be appropriate.</p> <p>Additionally, consistent with Protective Measure 5: Preconstruction clearance surveys will address other biological resources, including burrowing owl, desert kit fox, other special-status wildlife, or protected nesting birds. <b>If necessary</b>, the Project Biologist will use a video device mounted on flexible extender to determine if a burrow is occupied. <b>If a burrowing owl or desert kit fox</b> is present within a burrow, project construction will be delayed until the animal leaves the area. The County may employ "passive exclusion" methods for burrowing animals, if needed. The County also may use plastic sheeting or similar material to prevent birds from nesting on the bridge substructure. If an active bird nest is located on or adjacent to the work site, the Project Biologist will designate and flag an appropriate buffer area around the nest where Project activities will not be permitted. The buffer area will be based on the bird species and nature of Project activity. Project activities outside of the breeding season would require no nesting bird surveys. The breeding season is approximately January 1 through September 1; therefore, activities conducted from September 2 through December 31 would require no preconstruction nesting bird surveys. No burrowing owl, desert kit fox, or active bird nest will be handled or disturbed for the project.</p>	EMD	CEQA Addendum 1.3	
During Construction			<p><b>2. This Order does not authorize any act which results in the taking of a threatened, endangered or candidate species or any act, which is now prohibited, or becomes prohibited in the future, under either the California Endangered Species Act (Fish &amp; G. Code, §§ 2050-2097) or the federal Endangered Species Act (16 U.S. C. §§ 1531-1544). If a "take" will result from any act authorized under this Order held by the Permittee, the Permittee must obtain authorization for the take prior to any construction or operation of the portion of the Project that may result in a take. The Permittee is responsible for meeting all requirements of the applicable endangered species act for the Project authorized under this Order.</b></p>	CONTRACTS	RWQCB, WDR Section XII.F	

During Construction		<p><b>PM-3</b> The County RE has authority over the contract and is responsible for all aspects of the specific projects to which he or she is assigned. The RE has the authority to stop work on a project. The Project Biologist will have the authority to halt any activity, through the RE or other identified authority in charge of implementation that may pose a threat to desert tortoises and to direct movements of equipment and personnel to avoid injury or mortality to desert tortoise.</p> <p><b>PM-4</b> No desert tortoise will be handled or taken for the project.</p>	EMD	CEQA Addendum 1.3	
During Construction		<p><b>PM-6:</b> The worker training program will include all requirements of PM 6, and will ensure that all workers on the Project site are aware of all applicable Conservation Measures for biological resources. Specifically, workers will be required to (1) limit all activities to approved work areas; (2) report any desert tortoise, burrowing owl, or other special-status species, or bird nest observation in the work areas and access routes to the supervisor or Project Biologist; (3) avoid contact with any wildlife that may approach a work area and be aware of potential venomous reptile bites from carelessness or unnecessary harassment; (4) pick up and properly dispose of any food, trash or construction refuse; and (5) report any spilled materials (oil, fuel, solvent, engine coolant, raw concrete, or other material potentially hazardous to wildlife), to the supervisor or on-site Project Biologist. During the training, the instructor will briefly discuss special-status species that may occur in the work areas, their habitats, and requirements to avoid or minimize impacts. In addition, all workers will be informed of civil and criminal penalties for violations of the federal ESA, the Migratory Bird Treaty Act, and the Bald and Golden Eagle Protection Act.</p>	EMD	CEQA Addendum 1.3	
During Construction		<p><b>PM-7</b> Whenever project vehicles are parked outside of a fence that is intended to preclude entry by desert tortoises, workers will check under the vehicle before moving it. If a desert tortoise is beneath the vehicle, the worker will notify the Project Biologist or an approved desert tortoise monitor. The tortoise will be allowed to leave the area on its own and the vehicle will not be moved until the tortoise is a safe distance away. If the Project Biologist is not present on-site, the RE or supervisor must notify the Project Biologist. Workers will not be allowed to capture, handle, or relocate tortoises.</p>	EMD	CEQA Addendum 1.3	
During Construction		<p><b>PM-8</b> The area of disturbance will be confined to the smallest practical area, considering topography, placement of facilities, location of burrows, public health and safety, and other limiting factors. This measure includes temporary haul roads, staging/storage areas, or access roads. Work area boundaries will be clearly and distinctly delineated with flagging or other marking to minimize surface disturbance associated with vehicle movement. Special habitat features, such as desert tortoise burrows, will be identified and marked as environmentally sensitive areas by the Project Biologist, if they are to be avoided and will be discussed and identified during the worker education program. Previously disturbed areas will be used for equipment storage, office trailer locations, and vehicle parking. The development of all temporary access and work roads associated with construction will be minimized and constructed without blading where feasible. Project-related vehicle traffic will be restricted to established roads, construction areas, staging or storage areas, and parking areas. The County RE or Project Biologist will ensure that blading is conducted only where necessary.</p>	EMD	CEQA Addendum 1.3	
During Construction		<p><b>PM-9</b> The County will require all contractors to comply with the Endangered Species Act in the performance of work necessary for project completion. Evidence of compliance is required prior to the County accepting or receiving materials or goods produced from outside of the right-of-way or through the use of facilities located outside of the right-of-way, including but not limited to, non-commercial batch plants, haul roads, quarries, and similar operations. Copies of the compliance documents will be maintained at the worksite by the RE.</p>	EMD/Contracts	CEQA Addendum 1.3	

During Construction		<p><b>PM-10</b> The County is responsible for ensuring that all protective measures are being fully implemented. If the County determines, or is notified by the Project Biologist, that one or more protective measures are not being fully implemented, he or she will halt all activities that are out of compliance until all problems have been remedied. All workers, Project Biologists, and biological monitors will be required to notify the County of any such problem they notice. The County must always be able to contact the Project Biologist or another qualified biologist to resolve any unforeseen issues.</p>	EMD	CEQA Addendum 1.3	
During Construction		<p><b>PM-11:</b> Biological monitoring will address all biological resources. The Project Biologist or another qualified biological resources monitor will be present on the work site during any initial vegetation clearing or other site preparation and on a daily basis to document compliance with the avoidance and minimization measures and any additional mitigation, and to provide guidance in avoiding or minimizing impacts to biological resources.</p>	EMD	CEQA Addendum 1.3	
During Construction		<p><b>PM-11</b> The County will determine whether the presence of Project Biologists will be required during project activities for any activities conducted within a desert tortoise exclusion fence. In general, where the risk to desert tortoises is low, the Project Biologist will be present at the onset of the project to ensure protective measures are in place and will, if necessary (for example, for projects that will require a substantial length of time to complete), conduct periodic field checks to ensure compliance.</p> <p>Additionally, consistent with Protective Measure 11: Biological monitoring will address all biological resources. The Project Biologist or another qualified biological resources monitor will be present on the work site during any initial vegetation clearing or other site preparation and on a daily basis to document compliance with the avoidance and minimization measures and any additional mitigation, and to provide guidance in avoiding or minimizing impacts to biological resources.</p>	EMD	CEQA Addendum 1.3	
During Construction		<p><b>PM-16</b> When feasible or practicable, construction vehicles will be cleaned of all mud, dirt, and debris from other sites prior to entering the project area. The purpose of this measure is to minimize the spread of weedy plant species that may degrade desert tortoise habitat.</p>	EMD	CEQA Addendum 1.3	
During Construction		<p><b>PM-17</b> Except on maintained public roads designated for higher speeds or within a desert tortoise-proof fenced area, driving speed will not exceed 20 miles per hour through potential desert tortoise habitat on both paved and unpaved roads.</p>	EMD	CEQA Addendum 1.3	
During Construction		<p><b>PM-19</b> Desert tortoise habitat that is temporarily affected during project construction (e.g., temporary access roads, work areas, and staging areas) will be revegetated following construction. Revegetation will include alleviating soil compaction, returning the surface to its original contour, and broadcasting locally collected seed immediately prior to the rainy season. Temporary access roads and work areas, outside of the ROW, will be re-contoured as needed, revegetated, and stabilized.</p>	EMD	CEQA Addendum 1.3	
During Construction		<p><b>PM-20</b> Plant species listed in Lists A and B of the California Exotic Pest Plant Council's list of exotic pest plants (latest edition) will not be used to restore or stabilize areas within or near desert tortoise habitat.</p>	EMD	CEQA Addendum 1.3	
During Construction		<p><b>PM-22</b> No firearms or pets, including dogs, will be allowed within the work area. Firearms carried by authorized security and law enforcement personnel and working dogs under the control of a handler will be exempt from this protective measure.</p>	EMD	CEQA Addendum 1.3	
During Construction		<p><b>PM-23</b> To preclude attracting predators, such as the common raven (<i>Corvus corax</i>) and coyotes (<i>Canis latrans</i>), food-related trash items will be removed daily from the work site and disposed of at an approved refuse disposal site. Workers are prohibited from feeding all wildlife.</p>	EMD	CEQA Addendum 1.3	
During Construction		<p><b>PM-24</b> Sandblasted material will either be vacuum-retrieved or contained by a tarp. All refuse material from sandblasting will be disposed of in compliance with Federal law.</p>	EMD	CEQA Addendum 1.3	

During Construction		<b>PM-25</b> During all off-road cross-country travel outside of any area surrounded by desert tortoise-proof fencing, the Project Biologist will select and flag the access route to avoid burrows and minimize disturbance of vegetation. The Project Biologist will walk in front of the lead vehicle to ensure that no desert tortoise or burrows are present. All vehicles will follow the lead vehicle's tracks and stay within the designated access route.	EMD	CEQA Addendum 1.3
During Construction		<b>PM-26</b> Boring locations will not be established within 35 feet of an active desert tortoise burrow. If an active burrow is found within 35 feet after the boring location is established, the boring location will be moved until it is at least 35 feet from the active burrow.	EMD	CEQA Addendum 1.3
During Construction		<b>PM-27</b> The Project Biologist will be onsite during all drilling or boring activities.	EMD	CEQA Addendum 1.3
During Construction		<b>PM-29</b> Cattle guards will be installed where appropriate, with technical assistance from the Service, if necessary. All cattle guards that serve as barriers to the movement of desert tortoises will be installed and maintained (e.g., removal of soil build-up) to ensure that any desert tortoise that falls underneath has a path of escape via a sloped escape ramp without crossing the intended barrier.	EMD	CEQA Addendum 1.3
During Construction		<b>PM-30</b> Desert tortoise-proof fencing will be tied to cattle guards in a manner that ensures juvenile desert tortoises cannot pass through (Service 2010).	EMD	CEQA Addendum 1.3
During Construction		<b>PM-31</b> When gates are installed within the fence line, desert tortoise-proof fencing will be installed along the gate bottom beginning at least 2 feet above the fence bottom and extending towards the ground leaving less than a 1-inch gap (Service 2010).	EMD	CEQA Addendum 1.3
During Construction		<b>PM-32</b> All desert tortoise fences, gates, and cattle guards will be regularly maintained at a frequency sufficient to ensure that they will continually provide an effective barrier to passage of desert tortoises.	EMD	CEQA Addendum 1.3
During Construction		<b>PM-33</b> Where desert tortoise exclusion fencing crosses washes, it will be designed to break away during any sudden storm flow, to prevent stormwater retention behind the fence.	EMD	CEQA Addendum 1.3
During Construction		<b>PM-34</b> If any desert tortoises are observed, project activities will be halted and workers are to notify the Project Biologist who, in turn, will notify the Service. Any desert tortoises encountered within the roadway side of the fence will be protected from vehicle traffic (using lane control, flagmen, or other measures) until they reach a location safely away from the roadway. In this case, the Project Biologist may temporarily move the exclusion fence so that the tortoise may enter the work area (to avoid the road), where it will be monitored and avoided until it can leave the work area and move to a safer location. Any such incident will be reported to Caltrans and the Service.	EMD	CEQA Addendum 1.3
During Construction		<b>PM-35</b> On a case-by-case basis, individual active burrows may be fenced if the Project Biologist determines this protective measure is necessary to prohibit desert tortoises from repeatedly entering work areas. Fencing around individual burrows will be removed when adjacent construction is complete.	EMD	CEQA Addendum 1.3
During Construction		<b>PM-36</b> To further ensure that actions implemented under the auspices of this consultation do not substantially degrade the status of the desert tortoise or its critical habitat, Caltrans will reinitiate formal consultation in the event that any take of desert tortoise results from the project.	EMD	CEQA Addendum 1.3

<p><b>During Construction</b></p>		<p><b>1.4 Adopted Mitigation Measures</b>  Air Quality  <b>AQ-1:</b> Fugitive Dust Control. The following dust control measures shall be implemented:  a. The travel on unpaved areas will be minimized and traffic speeds on unpaved areas/roads shall be limited to 15 miles per hour for all on-road and off-road equipment.  b. All unpaved travel routes/roads shall be effectively stabilized using water at least three times daily.  c. All material excavated or graded will be sufficiently watered to prevent excessive dust. Watering will occur as needed with complete coverage of disturbed areas.  d. The excavated soil piles, if not covered, shall be watered at an adequate frequency, or sprayed with an environmentally safe chemical stabilizer, to create stabilized surfaces that will minimize wind erosion emissions.  e. Construction activities that occur on unpaved surfaces shall be discontinued during windy conditions when those activities cause visible dust plumes that are transported beyond the site boundary or that remain visible within 400 feet of any occupied residence, school, or public recreation area.  f. All areas to be excavated shall be watered prior to excavation to ensure that the excavated materials are moist, and hauled materials shall be moist while being loaded into or out of dump trucks.  g. All haul trucks hauling soil, sand, and other loose materials to or from the project site shall be covered (e.g., with tarps or other enclosures that would reduce fugitive dust emissions) or have at least 18 inches of freeboard.  h. Drop heights should be minimized when loading into or unloading out of haul trucks, and gate seals should be tight on haul trucks.  i. Disturbed areas shall be minimized, and after active construction activity has ceased, disturbed areas shall be stabilized using non-toxic soil stabilizers approved for project use and shall be revegetated as soon as possible after disturbance.  j. Other fugitive dust control measures shall be implemented as necessary to comply with the requirements of the Mojave Desert Air Quality Management District Rules 401, 402, and 403.</p>	<p>EMD/Contracts</p>	<p>CEQA  Addendum 1.4</p>	
<p><b>During Construction</b></p>		<p><b>AQ-2: Off-road Equipment Mitigation. The emissions from the onsite off-road construction equipment shall be controlled by implementing the following:</b>  a. All off-road construction diesel engines not registered under California Air Resources Board's Statewide Portable Equipment Registration Program, which have a rating of 50 horsepower or more and 750 horsepower or less, shall meet, at a minimum, the Tier 3 California Emission Standards for Off-road Compression-Ignition Engines as specified in California Code of Regulations, Title 13, Section 2423(b)(1). If a Tier 3 or Tier 3-equivalent engine is not available for a particular item of equipment, Tier 2 compliant engines shall be allowed on a case-by-case basis, as determined by the San Bernardino County Department of Public Works. Off-road equipment with diesel engines larger than 750 horsepower shall meet Tier 2 California Emission Standards.  b. All equipment shall be turned off when not in use. Engine idling of all equipment shall be minimized.  c. All equipment engines shall be maintained in good operating condition and in proposed tune per manufacturers' specification.</p>	<p>EMD/Contracts</p>	<p>CEQA  Addendum 1.4</p>	

During Construction		<p><b>AQ-3: On-road Vehicle Mitigation. The emissions from on-road vehicles will be reduced using the following procedural measures:</b></p> <p>a. Route and Trip Reduction. The routes to and from the sites shall be minimized to the extent feasible and ride sharing shall be employed to reduce trips to and from the project site.</p> <p>b. Dola and Lanzit project coordination. Coordination shall be employed to stage equipment at the Lanzit project site prior to the Dola Bridge demolition. Measures to reduce the longer detoured trips to the Lanzit project site, due to inaccessibility after Dola Bridge is demolished, shall be implemented; where such measure would include maintaining a vehicle, such as a small bus, between the Dola and Lanzit sites for construction worker transport between the two sites.</p> <p>c. Engine idling of all on-road vehicles shall be minimized.</p> <p>d. All on-road equipment engines shall be maintained in good operating condition and in proposed tune per manufacturers' specification.</p>	EMD/Contracts	CEQA Addendum 1.4	
During Construction		<p><b>Biological Resources</b></p> <p><b>BIO-2:</b> Minimize standing water. Water applied to dirt roads and construction areas for dust abatement shall use the minimal amount needed to meet safety and air quality standards, to prevent the formation of puddles, which could attract wildlife to construction sites.</p> <p><b>BIO-3:</b> Water storage. All water containers (i.e. tanks or trailers) will be securely covered to prevent wildlife from entering the containers and becoming trapped.</p> <p><b>BIO-4:</b> Construction schedule. If feasible, the County of San Bernardino, Department of Public Works will conduct bridge removal and any necessary grading and clearing activities during September through December, to avoid the peak bird nesting season for the area (roughly January 1 through August 30).</p> <p><b>BIO-6:</b> Minimize wildlife disturbance. Adverse effects to biological resources of noise, lighting, dust, pollutants, and disturbance, if any, would generally be mitigated through compliance with other project requirements such as the Storm Water Pollution Prevention Plan, dust control, or Protective Measures. Effects of noise, lighting, and human activities, if any, will be minimized by observing project work area boundaries, and preventing any activities outside those boundaries. The Biological Monitor will regularly observe wildlife activities in the immediate area and, as feasible, coordinate with work crews to minimize wildlife disturbance. The County of San Bernardino, Department of Public Works will implement the Protective Measures identified in Section 1.3 (Adopted Protective Measures) in this Addendum.</p>	EMD/Contracts	CEQA Addendum 1.4	
During Construction		<p><b>Cultural Resources</b></p> <p><b>CR-1:</b> As part of mitigation of project impacts, the "40 SBD" paddleboards must be avoided and left in place, or if avoidance is not possible, the project must make every effort to minimize impacts to these features. The paddleboards can be removed prior to construction and stored for safe keeping until they are replaced in their original location once construction has been completed.</p> <p><b>CR-2:</b> Because the concrete C-markers are situated within close proximity to the Area of Potential Effect, low to the ground, and not highly visible, their locations must be staked and flagged so they are avoided and not inadvertently impacted by heavy equipment. The County of San Bernardino, Department of Public Works is the responsible agency under CEQA.</p>	EMD/Contracts	CEQA Addendum 1.4	

<p><b>During Construction</b></p>		<p><b>3. The Permittee shall grant Colorado River Basin Water Board staff or an authorized representative (including an authorized contractor acting as a Water Board representative), upon presentation of credentials and other documents as may be required by law, permission to:</b></p> <p>a . Enter upon the Project or compensatory mitigation site( s) premises where a regulated facility or activity is located or conducted, or where records are kept.</p> <p>b. Have access to and copy any records that are kept and are relevant to the Project or the requirements of this -Order.</p> <p>c. Inspect any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order.</p> <p>d. Sample or monitor for the purposes of assuring Order compliance.</p> <p>4. A copy of this Order shall be provided to any consultants, contractors, and subcontractors working on the Project. Copies of this Order shall remain at the Project site for the duration of this Order. The Permittee shall be responsible for work conducted by its consultants, contractors, and any subcontractors.</p> <p>5. A copy of this Order must be available at the Project site(s) during construction for review by site personnel and agencies. All personnel performing work on the Project shall be familiar with the content of this Order and its posted location at the Project site.</p>	<p>CONTRACTS</p>	<p>RWQCB, WDR Section XII.F</p>	
<p><b>During Construction</b></p>		<p><b>E. General Compliance</b></p> <p><b>1.</b> The Colorado River Basin Water Board reserves the right to take any enforcement action authorized by law. Accordingly, failure to timely comply with any provisions of this Order may subject the Discharger to enforcement action. Such actions include, but are not limited to, the assessment of administrative civil liability pursuant to Water Code sections 13323, 13268, and 13350, a Time Schedule Order (TSO) issued pursuant to Water Code section 13308, or referral to the California Attorney General for recovery of judicial civil liability.</p> <p><b>2.</b> Permitted actions must not cause a violation of any applicable water quality standards, including impairment of designated beneficial uses for receiving waters as adopted in the Basin Plan by the Colorado River Basin Water Board or in any applicable State Water Board water quality control plan or policy. The source of any such discharge must be eliminated as soon as practicable.</p> <p><b>3.</b> In response to a suspected violation of any condition of this Order, the Colorado River Basin Water Board may require the holder of this Order to furnish, under penalty of perjury, any technical or monitoring reports the Water Boards deem appropriate, provided that the burden, including costs, of the reports shall bear a . reasonable relationship to the need for the reports and the benefits to be obtained from the reports. Additional monitoring requirements ensure that limitations, water quality standards, and/or other appropriate requirement of state law.</p> <p><b>4.</b> The Permittee must, at all times, fully comply with engineering plans, specifications, and technical reports submitted to support this Order; and all subsequent submittals required as part of this Order. The conditions within this Order and Attachments supersede conflicting provisions within Permittee submittals.</p> <p><b>5.</b> Construction General Permit Requirement: The Permittee shall maintain</p>	<p>CONTRACTS</p>	<p>RWQCB, WDR Section XII.3.E</p>	

<p><b>During Construction</b></p>		<p><b>a. Monthly Reporting:</b> The Permittee must submit a Monthly Report to the Colorado River Basin Water Board on the 15th day of each month for the duration of the construction phase. Monthly reporting shall continue until the Colorado River Basin Water Board issues a Notice of Project Complete Letter to the Permittee and this Order is terminated by vote of the Colorado River Basin Water Board.</p> <p><b>b. Annual Reporting:</b> The Permittee must submit an Annual Report including activities conducted for the previous fiscal year (July 1 - June 30) to the Colorado River Basin Water Board on the 1st of September. Annual Reports must be submitted even if Project construction has not begun. Annual reporting shall continue until a Notice of Project Complete Letter is issued to the Permittee and this Order is terminated by vote of the Colorado River Basin Water Board.</p> <p><b>c. Other Reporting:</b> If pollutants are observed in surface water, the Permittee shall submit a report to the Colorado River Basin Water Board within 30 days after encountering the pollutants and describe actions taken to correct the problem and provide photographic documentation that supports the information in the report. If repairs are required, the Permittee shall take pictures of the area where work needs to take place, documenting the before and after conditions of the area, and shall maintain a daily log for each site where work is taking place pursuant to this Order, while the Permittee conducts its repair activities. The log shall:</p> <ul style="list-style-type: none"> <li>• Provide a general description of the repair work;</li> <li>• Specify the date and daily starting and ending time for the repair work;</li> <li>• Note key weather conditions (e.g., temperature, wind speed and direction, precipitation, if any);</li> </ul>	<p>EMD</p>	<p>RWQCB, WDR Section XII.3.B</p>	
<p><b>During Construction</b></p>		<p><b>3. Conditional Notifications and Reports</b> The following notifications and reports are required as appropriate:</p> <p><b>a. Accidental Discharges of Hazardous Materials</b> : Following an accidental discharge of a reportable quantity of a hazardous material, sewage, or an unknown material, the following applies (Wat. Code, § 13271 ):</p> <p>i. As soon as (A) the Permittee has knowledge of the discharge or noncompliance, (B) notification is possible, and (C) notification can be provided without substantially impeding cleanup or other emergency measures, then:</p> <ul style="list-style-type: none"> <li>• first call - 911 (to notify local response agency)</li> <li>• then call, Office of Emergency Services (OES) State Warning Center at: (800) 852-7550 or (916) 845-8911</li> <li>• Lastly, follow the required OES procedures as set forth in: <a href="https://www.caloes.ca.gov/FireRescueSite/Documents/CalOESSpillBookletFeb2014FINALBWAcc.pdf">https://www.caloes.ca.gov/FireRescueSite/Documents/CalOESSpillBookletFeb2014FINALBWAcc.pdf</a></li> </ul> <p>ii. Following notification to OES, the Permittee shall notify the Colorado River Basin Water Board, as soon as practicable (ideally within 24 hours). Notification may be via telephone, e-mail, delivered written notice, or other verifiable means.</p> <p>iii. Within five (5) working days of notification to the Colorado River Basin Water Board, the Permittee must submit an Accidental Discharge of Hazardous Material Report.</p>	<p>Contracts</p>	<p>RWQCB, WDR Section XII.3.</p>	

During Construction		<p><b>b. Violation of Compliance with Water Quality Standards:</b> The Permittee shall notify the Colorado River Basin Water Board of any event causing a violation of compliance with water quality standards. Notification may be via telephone, e-mail, delivered written notice, or other verifiable means.</p> <p>i. Examples of noncompliance events include lack of stormwater treatment following a rain event, discharges causing a visible plume in a water of the state, and runoff from water contact with uncured concrete</p> <p>ii. This notification must be followed within three (3) working days by submission of a Violation of Compliance with Water Quality Standards Report.</p>	Contracts	RWQCB, WDR Section XII.3.	
During Construction		<p><b>C. Water Quality Monitoring</b></p> <p>1. General: If surface water is present, continuous visual surface water monitoring shall be conducted to detect accidental discharge of construction related pollutants (e.g., oil and grease, turbidity plume, or uncured concrete).</p> <p><b>2. Accidental Discharges/Noncompliance:</b> Upon occurrence of an accidental discharge of hazardous materials or a violation of compliance with a water quality standard, Colorado River Basin Water Board staff may require water quality monitoring based on the discharge constituents and/or related water quality objectives and beneficial uses.</p>	Contracts	RWQCB, WDR Section XII.3.	
During Construction		<p><b>In-Water Work or Diversions:</b> For projects involving planned work in water or stream diversions, a water quality monitoring plan shall be submitted to Colorado River Basin Water Board staff for acceptance at least 30 days in advance of any discharge to the affected water body. Water quality monitoring shall be conducted in accordance with the approved plan. Sampling shall be conducted in accordance with Table 2 sampling parameters, and work in water or stream diversionary discharge(s) to waters of the state shall conform to the following water quality standards<sup>4</sup> at a minimum.</p>	Contracts	RWQCB, WDR Section XII.3.C	
During Construction		<p><b>1.1 Documentation at Project Site.</b> Permittee shall make the Agreement, any extensions and amendments to the Agreement, and all related notification materials and California Environmental Quality Act (CEQA) documents, readily available at the project site at all times and shall be presented to CDFW personnel, or personnel from another state, federal, or local agency upon request.</p>	Contracts	CDFW, 1602, Section 1	
During Construction		<p><b>1.2 Providing Agreement to Persons at Project Site.</b> Permittee shall provide copies of the Agreement and any extensions and amendments to the Agreement to all persons who will be working on the project at the project site on behalf of Permittee, including but not limited to contractors, subcontractors, inspectors, and monitors.</p> <p><b>1.3 Notification of Conflicting Provisions.</b> Permittee shall notify CDFW if Permittee determines or learns that a provision in the Agreement might conflict with a provision imposed on the project by another local, state, or federal agency. In that event, CDFW shall contact Permittee to resolve any conflict.</p>	Contracts	CDFW, 1602, Section 1	
During Construction		<p><b>1.4 Project Site Entry.</b> Permittee agrees that CDFW personnel may enter the project site at any time to verify compliance with the Agreement.</p>	Contracts	CDFW, 1602, Section 1	

During Construction		<p><b>1.5 Additional Project Impacts.</b> Permittee shall submit to CDFW a request to amend this Agreement if any additional impacts to Fish and Game code section 1602 resources not identified in this Agreement are anticipated. No additional impacts to Fish and Game code section 1602 resources are authorized unless the impacts and/or activities are expressly authorized by CDFW amendment to this Agreement.</p> <p><b>1.6 Take of Listed Species.</b> The issuance of this Agreement does not authorize the take of any State or Federally listed threatened, endangered, or fully protected species. Take of any California Endangered Species Act (CESA)-listed species is prohibited except as authorized by state law (Fish and Game Code section 2080 &amp; 2085). Consequently, if a Project, including Project construction or any Project related activity during the life of this Project, results in the take of a CESA-listed species, CDFW recommends that the Permittee seek appropriate authorization prior to Project Implementation. That may include an Incidental Take Permit (ITP) or a consistency determination (Fish and Game Code section 2080.1 and 2081).</p> <p><b>1.7 Take of Nesting Birds.</b> Fish and Game Code Section 3503 makes it unlawful to take, possess, or needlessly destroy the nest or eggs of any bird, except as otherwise provided by Fish and Game Code or any regulation made pursuant thereto. Fish and Game Code section 3503.5 makes it unlawful to take, possess, or destroy any birds from the orders Falconiformes and Strigiformes (birds-of-prey) to take, possess, or destroy the nest or eggs of any such bird except as otherwise provided by Fish and Game Code or any regulation adopted pursuant thereto. The issuance of this Agreement does not in any way exempt or excuse compliance to these statutes.</p> <p><b>1.8 Reporting of Violations.</b> Permittee shall report any violations of this Agreement, whether committed by Permittee or any person acting on behalf of Permittee, to the CDFW contact identified below within 48 hours of the violation occurring.</p>	EMD/Contracts	CDFW, 1602, Section 1	
During Construction		<p><b>2.3 Designated Biologist(s) Authority.</b> The Designated Biologist(s) shall have authority to immediately stop any activity that is not in compliance with this Agreement, and/or to order any reasonable measures to avoid or minimize impacts to wildlife resources. Neither the Designated Biologist nor CDFW shall be liable for any costs incurred as a result of compliance with this measure. This includes cease-work orders issued by CDFW. If any sensitive State listed Species of Special Concern, or threatened or endangered species, are found or observed within the Project site, the Designated Biologist shall immediately issue a stop work order and notify CDFW via email to Marlee Poff, Environmental Scientist at marlee.poff@wildlife.ca.gov</p>	EMD/Contracts	CDFW, 1602, Section 2.1 - 2.3	
During Construction		<p><b>2.14 Excavation Areas.</b> Permittee shall securely cover any excavated area any time Project activities within the excavated areas have cease (e.g., during scheduled breaks [i.e., lunch breaks], overnight, weekends, and holidays, etc.). The Designated Biologist(s) shall oversee the covering of all excavated, steep-walled holes or trenches by placing plywood or other barrier materials such that animals are unable to enter and become entrapped. The use of temporary fencing around the perimeter of trenches or holes may be an acceptable minimization measure, if deemed appropriate by the Designated Biologist(s). Before holes or trenches are filled, the Designated Biologist(s) shall thoroughly inspect the areas or trapped animals. If workers discover that any animal has become trapped, they shall halt Project-related activities and notify the Designated Biologist(s) immediately.</p>	EMD/Contracts	CDFW, 1602, Section 2.14	

During Construction			<p><b>2.15 Best Management Practices (BMPs).</b> Permittee shall actively implement BMPs to prevent erosion and the discharge of sediment and pollutants into streams during Project activities. BMPs shall be monitored by Designated Biologist(s) and repaired, if necessary, to ensure maximum erosion, sediment, and pollution control. Permittee shall prohibit the use of erosion control materials potentially harmful to fish and wildlife species, such as mono-filament netting (erosion control matting) or similar materials, within and adjacent to areas subject to Fish and Game Code section 1602. All fiber rolls, straw wattles, and/or hay bales utilized within and adjacent to the Project site shall be free of nonnative plant materials. Fiber rolls or erosion control mesh shall be made with loose-weave mesh that is not fused at the intersections of the weave, such as jute, or coconut (coir) fibers, or other products without welding weaves. Non-welded weaves reduce entanglement risks to wildlife by allowing animals to push through the weave, which expands when spread.</p>	Contracts	CDFW, 1602, Section 2.15	
During Construction			<p><b>2.17 Invasive Species.</b> Permittee shall conduct Project activities in a manner that prevents the introduction, transfer, and spread of invasive species, including plants, animals, microbes (e.g., algae, fungi, parasites, bacteria, etc.). Prevention BMPs and guidelines for invasive plants can be found on the California Invasive Plant Council's website at: <a href="https://cal-ipc.org/solutions/prevention">https://cal-ipc.org/solutions/prevention</a>. To prevent the spread of invasive plants from outside the PIA to the PIA, the following measures must be implemented:</p> <p><b>2.17.1 Wash all vehicles and heavy equipment,</b> including tires and undercarriage, and hand-held tools such as shovels and rakes, that have been used off-site before bringing them onto the Project site. bringing them to the Project site.</p> <p><b>2.17.2 Vacuum and clean the interior</b> of vehicles and heavy equipment that have been used off-site before bringing them to the Project site.</p> <p><b>2.17.3 Clean by pressure washing,</b> washing in hot water, freezing, or bleaching personal gear and clothing, including footwear, that have been worn off-site before</p> <p><b>2.17.4 Do not transport soil or other fill material</b> from off-site locations to the Project area unless they are certified weed free.</p> <p><b>2.17.5 Only use seeds and seedlings approved</b> by CDFW when restoration is required and prepare soils appropriately to encourage new seeds and plants to survive. the interior of vehicles and heavy equipment that have been used off-site before bringing them to the Project site.</p>	Contracts	CDFW, 1602, Section 2.17	

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During Construction		<p><b>2.18 Equipment and Vehicles.</b> Permittee shall comply with the following:</p> <p><b>2.18.1</b> Any equipment or vehicles driven and/or operated while conducting a Project activity shall be checked daily and maintained as needed to prevent leaks or materials that can be deleterious to aquatic and terrestrial life or riparian habitat. Prior to working within or on the stream bed, bank, or channel, all equipment shall be closely examined for oil and fuel discharges. Any contaminants shall be cleaned prior to any work within a streambed and all equipment shall be maintained daily.</p> <p><b>2.18.2</b> All heavy equipment that will conduct a Project activity shall be cleaned by Permittee at a staging or maintenance area prior to the entry into CDFW jurisdictional habitat to prevent discharge of materials deleterious to aquatic life including oil, grease, hydraulic fluid, soil, and other debris.</p> <p><b>2.18.3</b> No equipment maintenance or fueling shall be done within 150 feet of Fish and Game Code 1600 jurisdictional areas or near any stream channel or lake margin where petroleum products or pollutants from the equipment could enter these areas.</p> <p><b>2.18.4</b> Staging and storage areas for equipment, materials, fuels, lubricants, and solvents, shall not be located within 150-feet of Fish and Game Code Section 1600 jurisdictional areas where material could wash into a stream.</p> <p><b>2.18.5</b> All equipment shall carry suitable spill containment equipment to handle a catastrophic spill/leak. This may include oil absorbent pads, booms, or skimmers, as appropriate.</p> <p><b>2.18.6</b> Permittee shall begin the cleanup of any spills immediately. Permittee shall notify CDFW immediately (within 24 hours) of any spills that occur because of activities covered under this Agreement and shall consult with CDFW regarding cleanup procedures. Permittee shall have all spill clean-up equipment on site during construction.</p> <p><b>2.18.7</b> Vehicles may enter and exit the work area as necessary for Project activities but may not be parked overnight within fifty (50) feet of the streams; nor shall any vehicles be parked where mechanical fluid leaks may potentially enter waters of the state.</p>	Contracts	CDFW, 1602, Section 2.18	
During Construction		<p><b>2.19 Work Period in Dry Weather Only.</b> Work within ephemeral desert washes shall be restricted to periods of no stream flow and dry weather. Precipitation forecasts and potential increases in stream flow shall be considered when planning construction activities. Construction activities shall cease, and all necessary erosion control measures shall be implemented prior to the onset of precipitation. Construction activities halted due to precipitation may resume when precipitation ceases, and the National Weather Service 72-hour weather forecast indicates a 20% or less chance of precipitation, provided no work occurs in the stream bed if water is flowing. If a construction phase may cause the introduction of sediments into the stream, no phase of the Project shall commence unless all equipment and materials are removed from the channel at least 12 hours prior to the onset of precipitation and all associated erosion control measures are in place prior to the onset of precipitation. No work shall occur during a dry-out period of 24 hours after the above referenced wet weather. Weather forecasts shall be documented upon request by CDFW.</p>	Contracts	CDFW, 1602, Section 2.19	
During Construction		<p><b>2.20 Post Storm Event Inspection.</b> After any storm event, Designated Biologist(s) shall inspect all sites scheduled to begin or continue construction within the next 72 hours. Corrective action for erosion and sedimentation shall be taken as needed. National Weather Service 72-hour weather forecasts shall be reviewed prior to the start of any phase of the Project that may result in sediment runoff to the stream, construction plans adjusted to meet this requirement. The National Weather Service forecasts can be found at: <a href="http://www.nws.noaa.gov">http://www.nws.noaa.gov</a>.</p>	EMD/Contracts	CDFW, 1602, Section 2	
During Construction		<p><b>2.21 Pollution and Litter.</b> Permittee shall comply with all litter and pollution laws. All contractors, subcontractors, and employees shall also obey these laws and it shall be the responsibility of Permittee to ensure compliance.</p>	EMD/Contracts	CDFW, 1602, Section 2	
During Construction		<p><b>2.21.1 Permittee shall</b> not allow water containing mud, silt, or other pollutants from grading, aggregate washing, or other activities to enter the streambed or flowing stream or be placed in locations that may be subjected to high flow storms.</p>	EMD/Contracts	CDFW, 1602, Section 2	

During Construction		2.21.2 Spoil sites shall not be located within the streambed or flowing stream or locations that may be subjected to high storm flows, where spoils shall be washed back into streambed or flowing stream where it will impact streambed habitat and aquatic or riparian vegetation.	EMD/Contracts	CDFW, 1602, Section 2	
During Construction		2.21.3 Raw cement/concrete or washings thereof, asphalt, paint, or other coating material, oil, or petroleum products, or other substances which could be hazardous to Fish and Wildlife resources resulting from Project related activities shall be prevented from contaminating the soil and/or entering the streambed or flowing stream by Permittee or any party working under contract or within permission of Permittee, shall be removed immediately.	EMD/Contracts	CDFW, 1602, Section 2	
During Construction		2.22 Minimize Disturbance to Stream. The disturbance or removal of vegetation shall not exceed the minimum necessary to complete operations. Precautions shall be taken to avoid other damage to vegetation by people or equipment. The disturbed portions of the stream channel within the normal high-water mark of the stream shall be restored to as near their original condition as possible.	EMD/Contracts	CDFW, 1602, Section 2	
During Construction		3.2 Onsite Restoration. The Project will temporarily impact 0.20 acres of streambed resources. To compensate for the loss of the streambed resources, the Permittee shall do the following: The gradient of the stream bed, bank, and channel shall be returned to pre-Project contour and grade. If a stream channel has been altered during Project activities, the streambeds low flow channel shall be returned, as nearly as possible, to pre-Project conditions without creating a possible future bank erosion problem, or a flat wide channel or sluice-like area. Disturbance or removal of vegetation shall not exceed the limits of impact approved by CDFW. The disturbed portions of the stream channel shall be restored to their original condition. Restoration shall include revegetation of stripped or exposed areas through seeding a plant palette of pesticide-free native and local species that includes a variety of annual and perennial species beneficial to local species. If Project site is devoid of vegetation, no supplemental seeding is required.	EMD/Contracts	CDFW, 1602, Section 3	
During Construction		<p>Construction</p> <p><b>Good Site Management "Housekeeping"</b></p> <p>1. The Permittee shall follow good site management "housekeeping" and implement erosion control, sediment control, and other construction-related best management practices (BMPs) depicted in Table 3 below.</p> <p>2. All ground-disturbing activities (work area preparation, grading, clearing, grubbing, trenching, construction, and decommissioning activities) shall comply with biological monitoring standards outlined in the issued Streambed Alteration Agreement or other California Department of Fish and Wildlife agreement and be subject to approval by the Colorado River Basin Regional Board.</p> <p>3. The area of vegetation and soil disturbance shall be restricted to the smallest extent possible.</p> <p>4. After completing construction activities, any disturbed areas shall be restored to pre-existing contours and conditions to the extent feasible.</p>	EMD/Contracts	RWQCB, WDR Section XII.G.	

<p><b>During Construction</b></p>		<p><b>Construction BMPs</b></p> <p>Erosion control  Implement erosion control BMPs to mitigate soil erosion, minimize soil loss from wind erosion, and to reduce air pollution during construction activities for all disturbed areas. Examples: mulch, straw, wood chips, soil application, lot perimeter protection per county standards, bonded fiber matrix or stabilized fiber matrix, physical stabilization erosion control blanket.</p> <p>Velocity reduction  Implement velocity reduction BMPs to reduce water/runoff velocity. Examples: energy dissipater outlet protection.</p> <p>Sediment control  Implement sediment control BMPs to remove sediment loads from runoff generated within the construction site for all disturbed areas. Examples: silt fence, fiber rolls, gravel bags, dewatering filtration.</p> <p>Off-site sediment tracking control</p>	<p>Contracts</p>	<p>RWQCB, WDR Section XII.G.</p>	
<p><b>During Construction</b></p>		<p><b>BMP</b></p> <p>General site and materials management</p> <p>Implement general site and materials management BMPs for materials and waste management. Examples: material delivery and storage management, spill prevention and control, concrete waste management, solid waste management, sanitary waste management, hazardous waste management.</p>	<p>Contracts</p>	<p>RWQCB, WDR Section XII.G.</p>	
<p><b>During Construction</b></p>		<p><b>BMP</b></p> <p>Conservation of natural drainages  Implement LID BMPs to conserve natural drainages. Examples: minimize disturbances of natural areas, construct in least environmentally sensitive areas.</p>	<p>Contracts</p>	<p>RWQCB, WDR Section XII.G.</p>	
<p><b>During Construction</b></p>		<p><b>BMP</b></p> <p>Minimize disturbances to natural drainages  Implement LID BMPs to minimize disturbances to natural drainages. Examples: avoid disturbing natural swales and topographic depressions, construction setback from creeks.</p>	<p>Contracts</p>	<p>RWQCB, WDR Section XII.G.</p>	

During Construction		<p><b>BMP</b>  Implement L I D B M Ps to reduce impervious surfaces through efficient site design.  Examples: preserve existing vegetation, permeable roads with minimum widths</p> <p>Implement L I D B M Ps to minimize soil compaction. Examples: protect native soil and vegetation from construction equipment.</p> <p>Implement LID BMPs to drain runoff from impervious surfaces to pervious areas.</p> <p>Implement L I D B M Ps for road design .  Examples: permeable roads, reduction of overall road coverage, direct runoff to vegetated swales .</p>	Contracts	RWQCB, WDR Section XII.G.	
During Construction		<p><b>Hazardous Materials</b>  5 . N o toxic and/or hazardous materials shall be stored near o r within wash/drainage areas. To the extent practicable, these materials shall be stored offsite and placed in appropriate secondary containment.  6. Spoil sites shall not be located where spoil could be washed back into the stream channel or where spoil covers aquatic or riparian vegetation. Any materials placed in seasonally dry portions of the drainage areas that could be washed downstream or could be harmful to aquatic life shall be removed from the streambed prior to inundation by high flows.  7 . No fueling or maintenance of equipment or vehicles shall occur adjacent or within the wash/drainage areas.</p>	Contracts	RWQCB, WDR Section XII.G.	
During Construction		<p><b>Roads</b>  8. Work and staging areas and temporary access routes shall be sized, located, and flagged to limit potential impacts to natural areas. Previously disturbed areas shall be used to the extent feasible.  Sediment Control  9. The Permittee shall implement sediment control BMPs to remove sediment loads from runoff generated within the construction site for all disturbed areas.  10. The Permittee shall implement off-site sediment tracking control BMPs for reducing the transport of sediment on tires off and within the construction site.</p>	Contracts	RWQCB, WDR Section XII.G.	
During Construction		<p><b>Stormwater</b>  1 2. Work that may cause sediment discharge into ephemeral dry washes or stream channels shall not be conducted during rain events.  13. The Permittee shall develop and implement a Stormwater Pollution Prevention Plan (SWPPP) that complies with the requirements of the State Water Board's Construction General Permit.</p>	Contracts	RWQCB, WDR Section XII.G.	
During Construction		<p><b>Mitigation for Temporary Impacts</b>  1. Restoration of Temporary Impact Areas  The Permittee shall restore all areas of temporary impacts to waters of the state and all Project site upland areas of temporary disturbance which could result in a discharge to waters of the state.</p>	EMD/Contracts	RWQCB, WDR Section XII.I.	

During Construction		<p><b>1.3 Adopted Protective Measures</b>  All PMs: A qualified biologist assigned by the County will conduct pre-construction surveys, construction monitoring, and related tasks for all biological resources including desert tortoise. No handling or other take of desert tortoise is proposed, and the County's Project Biologist will not be authorized to handle a desert tortoise.</p>	EMD/Contracts	CEQA Addendum 1.3	
During Construction		<p><b>PM-5:</b> Preconstruction clearance surveys will address desert tortoises and their burrows, as well as other biological resources, including burrowing owl, desert kit fox, other special-status wildlife, or protected nesting birds. The results of preconstruction clearance surveys will be submitted to CDFW. <b>If necessary</b>, the Project Biologist will use a video device mounted on flexible extender to determine if a burrow is occupied. <b>If a burrowing owl or desert kit fox is present</b> within a burrow, project construction will be delayed until the animal leaves the area. The County may employ "passive exclusion" methods for burrowing animals, if needed. The County also may use plastic sheeting or similar material to prevent birds from nesting on the bridge substructure. <b>If an active bird nest is</b> located on or adjacent to the work site, the Project Biologist will designate and flag an appropriate buffer area around the nest where Project activities will not be permitted. The buffer area will be based on the bird species and bird surveys. The breeding season is approximately January 1 through September 1; therefore activities conducted from September 2 through December 31 would not require pre-construction nesting bird surveys. No burrowing owl, desert kit fox, or active bird nest will be handled or disturbed for the project.</p>	EMD/Contracts	CEQA Addendum 1.3	
Post Construction for 5-years		<p><b>4. Post-Construction:</b>  The Permittee shall visually inspect the Project site during a rain event of greater than 0.1 inches that produces a discharge for five (5) years to ensure excessive</p>	Operations	RWQCB, WDR Section XII.4.	
Post Construction		<p><b>4.9 Final Construction Report.</b> Permittee shall provide a final Construction Report to CDFW no later than two weeks after the Project is fully completed. The Construction Report at a minimum shall contain: 1) pre- and post-Project photographs, 2) total amount of area impacted, 3) biological survey notes (including construction monitoring), and 4) a filled-out Mitigation and Monitoring Reporting Program Table (Exhibit 3).</p>	EMD/Contracts	CDFW, 1602, Section 4.9	
Post Construction		<p><b>8. Request for Notice of Completion of Discharges Letter:</b>  The Permittee shall submit a Request for Notice of Completion of Discharges Letter following completion of active Project construction activities, including any required restoration and permittee-responsible mitigation. This request shall be submitted to the Colorado River Basin Water Board staff within 30 days following completion of all Project construction activities. Upon acceptance of the request, Colorado River Basin Water Board staff shall issue a Notice of Completion of Discharges Letter to the Permittee which will end the active discharge period and associated annual fees.</p>	EMD	RWQCB, WDR Section XII.2.	
Post Construction		<p><b>C. Request for Notice of Project Complete Letter:</b>  The Permittee shall submit a Request for Notice of Project Complete Letter when construction and/or any post-construction monitoring is complete,2 and no further Project activities will occur. This request shall be submitted to Colorado River Basin Water Board staff within 30 days following completion of all Project activities. Upon approval of the request, the Colorado River Basin Water Board staff will issue a Notice of Project Complete Letter to the Permittee and prepare a draft order terminating this Order for approval by vote of the Colorado River Basin Water Board. Board approval of the termination will end the post discharge monitoring period and associated annual fees.</p>	EMD	RWQCB, WDR Section XII.2.	

Post Construction B M Ps		Protection of channel banks/manufactured slopes Implement channel protection B M Ps to protect banks of the channels as well as the slopes. Implement outlet protection B M Ps to reduce discharge/water velocity. Examples: energy dissipater outlet protection , velocity dissipation devices.	Contracts	RWQCB, WDR Section XII.G.	
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**Add to section 19-5.03B:**

In the event excavations become flooded, remove at least the bottom eight inches of soil and replace with or recompact to 95% relative compaction.

**Add to section 19-6.02A:**

Overexcavated materials can be reused within four feet of the grading plane if the R-value is greater than 50 and Plasticity Index is less than 12%. Otherwise, overexcavated materials cannot be used within four feet of the grading plane.

In locations where structural pavement sections will be constructed atop imported fill, the material placed within four feet of the grading plane should have a minimum R-Value of 50 and a Plasticity Index less than 12%.

During earthwork if the R-value of exposed subgrade soils comes into question, the exposed soils should be sampled and tested to verify that the soils possess the minimum required R-value. If subgrade soils are found to be unsuitable for flexible pavement structural sections, it is recommended to be overexcavated up to four feet below grading plane and replaced with compacted import fill. Compaction of the subgrade should conform to the requirements described in Section 19-5.03.

## **DIVISION V SURFACINGS AND PAVEMENTS**

### **39 ASPHALT CONCRETE**

**Add to section 39-2.01B(9) Geosynthetic Pavement Interlayer:**

Geosynthetic Pavement Interlayer shall be Tensar Glasspave, Tensar Glassgrid, Ha-Telit Asphalt Reinforcement Grid, or approved equal.

**Replace section 39-2.01C(3)(c) with:**

**39-2.01C(3)(c) Prime Coat**

Apply a slow-setting asphaltic emulsion as a prime coat to AB areas designated by the Engineer and at a spread rate from 0.15 to 0.35 gal/sq yd. Do not apply more prime coat than can be absorbed completely by the AB in 24 hours.

You may modify the prime coat application rates if authorized.

Close areas receiving prime coat to traffic. Do not allow tracking the prime coat onto pavement surfaces beyond the job site.

**Replace the 2nd paragraph of section 39-2.01D with:**

Payment for prime coat and tack coat is considered included in the payment for hot mix asphalt types shown in the bid item list.

**Delete the row for *For RAP Substitution greater than 15%* in the table in item 3 in the list in the paragraph of section 39-2.02A(4)(e).**

Replace footnote h for the table in item 3 in the list in the paragraph of section 39-2.02A(4)(e) with:

<sup>h</sup>Not required for the following areas in District 8:

1. Riverside County: Route 10, post mile 56.95 to 156.49; Route 111, post mile 0.00 to 28.53
2. San Bernardino County: Route 15, post mile 29.00 to 186.24; Route 40; Route 58; Route 138, post mile 0.00 to 15.20; Route 395

Replace the row for *Moisture susceptibility (min, psi, wet strength)* in the table in item 3 in the list in the paragraph of section 39-2.02A(4)(e) with:

Moisture susceptibility (min, tensile strength ratio)	AASHTO T 283 <sup>i</sup>	70
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Delete the row for *For RAP substitution greater than 15%* in the table in the 1st paragraph of section 39-2.02B(2).

Replace footnote e for the table in the 1st paragraph of section 39-2.02B(2) with:

<sup>e</sup>Not required for the following areas in District 8:

1. Riverside County: Route 10, post mile 56.95 to 156.49; Route 111, post mile 0.00 to 28.53
2. San Bernardino County: Route 15, post mile 29.00 to 186.24; Route 40; Route 58; Route 138, post mile 0.00 to 15.20; Route 395

Replace the row for *Moisture susceptibility, wet strength* in the table in the 1st paragraph of section 39-2.02B(2) with:

Moisture susceptibility (min, tensile strength ratio)	AASHTO T 283 <sup>c,d</sup>	70
---	-----------------------------	----

Replace *Reserved* in section 39-2.02B(3) with:

The grade of asphalt binder for Type A HMA must be [PG 70-10](#).

For Type A HMA using RAP substitution of 15 percent or less of the aggregate blend, the grade of the virgin binder must comply with the PG binder grade specified above.

Replace section 39-2.07B(3) with:

### 39-2.07B(3) Asphalt Binder

The grade of asphalt binder for minor HMA must be [PG 70-10](#).

For minor HMA using RAP substitution of 15 percent or less of the aggregate blend, the grade of the virgin binder must comply with the binder grade specified above.

Replace “Reserved” in section 39-3.03C with:

Before removing the dike, the outside edge of the asphalt concrete to remain in place must be cut to a neat line. The cut must be a minimum depth of 0.17-foot.

The dike must be removed in such a manner so that the surfacing which is to remain in place is not damaged.

You must dispose of the removed asphalt concrete dike.

**Add to section 39-3.04C(1):**

Cold planing machines must be capable of producing a planed surface with no grooves greater than 3/8-inch in width and 3/16-inch in depth, and must be operated at a speed and in a manner to produce such a surface. The noise level produced by the combined planing operation must not exceed 86 dBA at a distance of 50 feet at right angles to the direction of travel.

Where utility access fixtures exist within the area to be planed, these must be protected from damage. At manhole locations a rectangular pattern of planer cuts must be performed (prior to through planing) to a depth of not less than 0.10-foot and no closer than 1 foot from the outside of the manhole frame. These must be extended far enough to allow meeting the minimum specified depth of cut with the through planing operation. At your option and sole expense, you may arrange with the utility owners to lower manhole frames and covers to clear planing operations. You must lower valve covers, as needed, to clear planing operations.

Planed widths of pavement must be continuous except for intersections at cross streets where the planing must be carried around the corners and through the conform lines.

**Add to section 39-3.04C(3):**

The material planed from the roadway surface, including material deposited in existing or improved gutters or on the adjacent traveled way, must be removed and disposed of outside the highway right of way in accordance with the provisions in section 14-10 and section 14-11.

**Replaced section 39-3.04C(4) with:**

Where transverse joints are planed in the pavement at conform lines, no drop-off greater than 0.10-foot must remain between the existing pavement and the planed area when the pavement is opened to public traffic. If asphalt concrete has not been placed to the level of the existing pavement before the pavement is to be opened to public traffic, a temporary asphalt concrete transition must be constructed. Asphalt concrete for a temporary transition must be placed to the level of the existing pavement and tapered on a slope of 30:1 or flatter to the level of the planed area.

Asphalt concrete for temporary transitions must be commercial quality "hot" or "cold" mix and must be spread and compacted by any method that will produce a smooth riding surface. Temporary asphalt concrete transitions must be completely removed, including the removal of loose material from the underlying surface, before commencing subsequent restoration or paving operations. Such removed material must be disposed of outside the highway right of way in accordance with the provisions in Section 5-1.20B(4), Section 14-10, and Section 14-11.

**Add to section 39-3.05A:**

The locations of cut lines shown on the plans are approximate only; the exact locations will be determined by the Engineer.

**Add to section 39-3.05C:**

Surfacing must be removed without damage to surfacing that is to remain in place. Damage to pavement which is to remain in place must be repaired to a condition satisfactory to the Engineer, or the damaged pavement must be removed and replaced with new asphalt concrete if ordered by the Engineer. Repairing or removing and replacing pavement damaged outside the limits of pavement to be replaced will be at your expense and will not be measured nor paid for.

\*\*\*\*\*

## DIVISION VI STRUCTURES

### 47 EARTH RETAINING SYSTEMS

Replace section 47-4 with:  
47-4 Earth Retaining Structure (Guard Railing)

#### 47-4.01 General

Section 47-4 includes specifications for constructing an earth retaining system using new posts and rail elements.

Earthwork must comply with section 19-3.

#### 47-4.02 Materials

Hardware and posts, and new rail elements, must comply with section 83. Posts must be steel.

Filter fabric must be class A, complying with section 96-1.02B.

#### 47-4.03 Construction

Drill or flame cut bolt holes in rail elements a maximum of 1/4-inch larger than the diameter of the bolts. Clean holes and paint cut surfaces with 2 applications of organic zinc-rich primer from the Authorized Material List for organic zinc-rich primers. Do not use aerosol cans.

Install the lower tier of rail elements on a straight grade between posts. Excavate high points of the ground.

#### 47-4.04 Payment

The payment quantity for rail element wall is measured along the outside face of the wall from the bottom of the lowermost rail element to the top of the highest rail element and from end post to end post of the completed wall.

The Department does not adjust payment for your optional substitution of new rail elements.

\*\*\*\*\*

### 49 PILING

Add to section 49-1.03:

Expect difficult pile installation due to the conditions shown in the following table:

Pile location		Conditions
Bridge no.	Support location	
County No. 81	Piers 2 and 3	Caving, uncertain water table elevations
County No. 82	Piers 2 and 3	Caving, uncertain water table elevations

**Replace the first paragraph in section 49-3.01D with:**

Bar reinforcing steel is not included in the payment for CIP concrete piling.

**Add to section 49-3.02A(1) :**

The CIDH concrete piles shown in the following table are specified as end bearing:

Bridge name or no.	Abutment no.	Bent no.
County No. 81	-	Piers 2 and 3
County No. 82	-	Piers 2 and 3

**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 Structure 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)	Mud weight (density), API RP 13B-1, section 4	≤ 67.0 <sup>a</sup>
Before final cleaning and immediately before placing concrete (pcf)		≤ 64.0 <sup>a</sup>
Viscosity During drilling (sec/qt)	Marsh funnel and cup. API RP 13B-1, section 6.2	50–120
Before final cleaning and immediately before placing concrete (sec/qt)		≤ 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 9	≤ 1.0

NOTE: Slurry temperature must be at least 40 °F when tested.

<sup>a</sup>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)	Mud weight (density), API RP 13B-1, section 4	≤ 64.0 <sup>a</sup>
Before final cleaning and immediately before placing concrete (pcf)		≤ 64.0 <sup>a</sup>
Viscosity During drilling (sec/qt)	Marsh funnel and cup. API RP 13B-1, section 6.2	32–60
Before final cleaning and immediately before placing concrete (sec/qt)		≤ 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 9	≤ 1.0

NOTE: Slurry temperature must be at least 40 °F when tested.

<sup>a</sup>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)	Mud weight (density), API RP 13B-1, section 4	≤ 64.0 <sup>a</sup>
Before final cleaning and immediately before placing concrete (pcf)		≤ 64.0 <sup>a</sup>
Viscosity During drilling (sec/qt)	Marsh funnel and cup. API RP 13B-1, section 6.2	33–132
Before final cleaning and immediately before placing concrete (sec/qt)		≤ 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 9	≤ 1.0

NOTE: Slurry temperature must be at least 40 °F when tested.

<sup>a</sup>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)	Mud weight (density), API RP 13B-1, section 4	≤ 67.0 <sup>a</sup>
Before final cleaning and immediately before placing concrete (pcf)		≤ 64.0 <sup>a</sup>
Viscosity During drilling (sec/qt)	Marsh funnel and cup. API RP 13B-1, section 6.2	45–104
Before final cleaning and immediately before placing concrete (sec/qt)		≤ 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 9	≤ 1.0

NOTE: Slurry temperature must be at least 40 °F when tested.

<sup>a</sup>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)	Mud weight (density), API RP 13B-1, section 4	≤ 64.0 <sup>a</sup>
Before final cleaning and immediately before placing concrete (pcf)		≤ 64.0 <sup>a</sup>
Viscosity During drilling (sec/qt)	Marsh funnel and cup. API RP 13B-1, section 6.2	30–125
Before final cleaning and immediately before placing concrete (sec/qt)		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 9	≤ 1.0

NOTE: Slurry temperature must be at least 40 °F when tested.

<sup>a</sup>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)	Mud weight (density), API RP 13B-1, section 4	62.8-65.8 <sup>a</sup>
Before final cleaning and immediately before placing concrete (pcf)		62.8-64.0 <sup>a</sup>
Viscosity During drilling (sec/qt)	Marsh funnel and cup. API RP 13B-1, section 6.2	50–80
Before final cleaning and immediately before placing concrete (sec/qt)		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 9	≤ 1.0

NOTE: Slurry temperature must be at least 40 °F when tested.

<sup>a</sup>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.

**Add to section 49-3.02C(1):**

If the piling center-to-center spacing is less than 4 pile diameters, do not drill holes or drive casing for an adjacent pile until 24 hours have elapsed after concrete placement in the preceding pile and your prequalification test results for the concrete mix design show that the concrete will attain at least 1800 psi compressive strength at the time of drilling or driving.







### **83-2.01B(1)(d) Quality Assurance**

Not Used

### **83-2.01B(2) Materials**

#### **83-2.01B(2)(a) General**

Not Used

#### **83-2.01B(2)(b) Minor Concrete**

##### **83-2.01B(2)(b)(i) General**

Concrete for vegetation control must comply with the specifications for minor concrete, except the concrete:

1. Must include reinforcing fibers
2. May include crumb rubber aggregate
3. Must contain:
  - 3.1. At least 505 pounds of cementitious material per cubic yard, if crumb rubber aggregate is used
  - 3.2. At least 400 pounds of cementitious material per cubic yard, if crumb rubber aggregate is not used
4. Must have a maximum aggregate size of 3/8 inch

All ingredients must be added at the concrete plant before delivery to the job site.

You may use volumetric proportioning complying with ASTM C685/C685M or as specified.

The minor concrete must have a 28-day compressive strength from 1,400 to 2,500 psi.

##### **83-2.01B(2)(b)(ii) Crumb Rubber Aggregate**

Crumb rubber aggregate must consist of ground or granulated scrap tire rubber from automobile and truck tires. Do not use tire buffings.

Crumb rubber aggregate must be ground and granulated at ambient temperature.

The crumb rubber aggregate gradation must comply with the requirements shown in the following table:

**Gradation Requirements**

Sieve size	Percentage passing
1/2"	100
3/8"	90–100
1/4"	35–45
No. 4	5–15
No. 8	0–5
No. 16	0

Crumb rubber aggregate must not contain more than 0.01 percent of wire by mass and must be free of oils and volatile organic compounds.

Do not commingle crumb rubber from different sources.

The crumb rubber aggregate must be  $3.5 \pm 0.5$  percent by weight of the concrete.

##### **83-2.01B(2)(b)(iii) Reinforcing Fibers**

Reinforcing fibers for minor concrete must be:

1. Manufactured specifically for use as concrete reinforcement from one of the following:
  - 1.1. Polypropylene, polyethylene, or a combination of both.
  - 1.2. Copolymer of polypropylene and polyethylene.
2. Blended ratio from 4 to 5.67 parts by weight of macro synthetic fibers to 1 part by weight of micro synthetic fibers. Synthetic fibers must be:
  - 2.1. Nonfibrillated macro fibers with individual fiber lengths less than  $2 \pm 1/2$  inches.

- 2.2. Fibrillated or monofilament micro fibers of various lengths and thicknesses.
3. Supplied in sealed, degradable bags of appropriate size for adding whole bags to concrete batches.
4. From a commercial source.

The reinforcing fiber content of the minor concrete must be from 5 to 6 lb/cu yd.

#### **83-2.01B(2)(b)(iv) Coloring Agent**

Not Used

The coloring agent must be integral to the concrete mix and added at the concrete plant.

#### **83-2.01B(2)(c) Block-Out Material**

The block-out material must be a commercially available expanded polystyrene foam with a compressive strength of  $13 \pm 5$  psi at 10 percent deformation when tested under ASTM D1621.

If authorized, you may substitute an alternative block-out material that complies with the compressive strength requirements of the expanded polystyrene foam.

#### **83-2.01B(2)(d) Backfill Material**

Backfill material must be Class 2 aggregate base complying with section 26.

#### **83-2.01B(3) Construction**

##### **83-2.01B(3)(a) General**

Not Used

##### **83-2.01B(3)(b) Clearing**

Clear areas to receive minor concrete vegetation control of vegetation, trash, and debris. Dispose of the removed material.

##### **83-2.01B(3)(c) Earthwork**

Excavate or backfill areas to receive minor concrete vegetation control.

If the minor concrete vegetation control abuts the existing surfacing, and the edge of the existing surfacing is not on a neat line, cut the surfacing on a neat line to a minimum depth of 2 inches before removing the surfacing.

Perform grading so that the finished elevation of the minor concrete vegetation control maintains the existing or planned flow lines, slope gradients, contours, and existing surfacing.

Grade the areas to receive minor concrete vegetation control to a smooth, uniform surface and compact to a relative compaction of at least 90 percent.

##### **83-2.01B(3)(d) Block Outs**

For block-out material supplied in more than 1 piece, tape the pieces together to make a smooth surface on the top and sides.

Ensure that the block-out material does not move during concrete placement.

##### **83-2.01B(3)(e) Forming**

Forming must comply with section 73-1.03C.

Leave forms in place for at least 12 hours after surface finishing.

##### **83-2.01B(3)(f) Minor Concrete**

Strike off and compact the minor concrete until a layer of mortar is brought to the surface. Match the finished grade to the adjacent section of minor concrete vegetation control, pavement, shoulder, or existing grade.

Construct contraction joints by scoring concrete with a grooving tool and rounding corners with an edger tool.

If the curing compound method is used for colored concrete, use curing compound no. 6.

**83-2.01B(3)(g) Backfill Material**

Backfill material required for minor concrete vegetation control under existing guardrail or barrier is change order work. Excavate or backfill areas to receive vegetation control.

**83-2.01B(4) Payment**

Not Used

**Replace item 1 in the list in the 2nd paragraph of section 83-2.02C(1)(a) with:**

1. Wood line posts.

**Replace item 2 in the list in the 2nd paragraph of section 83-2.02C(1)(a) with:**

2. Wood blocks for line posts.

**83-2.02B(1)(c) Wood Posts and Blocks**

The grade and species of wood posts and blocks must be no. 1 timbers, also known as no. 1 structural, Douglas fir or no. 1 timbers Southern yellow pine. Wood posts and blocks must be graded under section 57-2.01B(2), except allowances for shrinkage after mill cutting must not exceed 5 percent of the American Softwood Lumber Standard, PS 20, minimum sizes when installed.

Wood posts and blocks must be rough or S4S. The size tolerance of rough sawn blocks in the direction of the bolt holes must not exceed  $\pm 1/4$  inch.

After fabrication, the wood posts and blocks must be pressure treated under section 57-2.01 and AWP A U1, Use Category UC4A, Commodity Specification A.

**Add to section 83-2.02C(1)(a):**

The exposed bolt threads on guardrail beyond the nut that are more than 0.5 inch must be cut off.

**Replace section 83-2.02C(3) with:**

**83-2.02C(3) Type WB-31 Transition Railings**

The offset from the face of the Type WB-31 transition railing to the hinge point must be at least 3'-6".

The offset from the face of the adjacent midwest guardrail system to the hinge point must be transitioned from the offset at the Type WB-31 transition railing to 4'-0" using a ratio of 6:1.

**Add to section 83-3.01A:**

Paint barrier white must comply with section 78-4.03

**Replace section 83-2.04B with:**

**83-2.04B Alternative In-Line Terminal Systems**

**83-2.04B(1) General**

**83-2.04B(1)(a) Summary**

Section 83-2.04B includes specifications for constructing Type CAT terminal systems.

**83-2.04B(1)(b) Definitions**

Not Used

**83-2.04B(1)(c) Submittals**

Submit a certificate of compliance for **Alternative In-Line terminal** systems.



2. 1.5 for single 6-inch-wide traffic stripe
3. 2 for single 8-inch-wide traffic stripe
4. 2 for double traffic stripe

NOT FOR BID

*General Prevailing Wage Rates  
(Blue Pages)*

*inserted here*

# Index 2024-1 Southern California basic trade journeyman rates

General prevailing wage determinations  
made by the director of industrial relations

Pursuant to California Labor Code part 7,  
chapter 1, article 2, sections 1770, 1773, and 1773.1

Determination	Holidays, scope of work, travel & subsistence	Predetermined increase
<a href="#">Asbestos Worker, Heat and Frost Insulator (d)</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Asbestos and Lead Abatement (Laborer) (e)</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Building/Construction Inspector and Field Soils and Material Tester +</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Carpenter</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Cement Mason</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Cranes, Pile Driver and Hoisting Equipment (Operating Engineer) +</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Dredger (Operating Engineer) (e)</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Drywall Installer (Carpenter)</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Elevator Constructor (e)</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Fence Builder (Carpenter) (e)</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Fire Safety and Miscellaneous Sealing (e) +</a>	Select One ▼	No increase *
<a href="#">Gunite Worker (Laborer) (e)</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Horizontal Directional Drilling (Laborer)(e)</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Housemover (Laborer)</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Laborer</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Landfill Worker (Operating Engineer) (e)</a>	Select One ▼	<a href="#">Increase</a>

<a href="#">Landscape Irrigation Laborer</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Landscape Maintenance Laborer (e)</a>	Select One ▼	No increase *
<a href="#">Landscape Operating Engineer (e)</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Light Fixture Maintenance</a>	Select One ▼	No increase *
<a href="#">Modular Furniture Installer (Carpenter) (e)</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Operating Engineer +</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Parking and Highway Improvement (Striping, slurry &amp; seal coat operations-Laborer) (e)</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Teamster +</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Tree Maintenance (Laborer) (e)</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Tunnel Worker (Laborer)</a>	Select One ▼	<a href="#">Increase</a>
<a href="#">Tunnel (Operating Engineer) +</a>	Select One ▼	<a href="#">Increase</a>

[Return to main table](#)

+ Includes shift pay determinations.

\* A single asterisk after the expiration date of a determination indicates that no increase is required for projects advertised while that determination is in effect. The determination remains in effect until it is canceled, modified, or superseded by a new determination by the Director of Industrial Relations. A new determination will become effective 10 days after it is issued. Contact the Office of the Director - Research Unit at (415) 703-4774 after 10 days from the expiration date, if no subsequent determination is issued.

d. Includes San Diego County; excludes Mono County.

e. Includes San Diego County.

To view the above current prevailing wage determinations, current predetermined increases, and the current holiday, advisory scope of work, and travel and subsistence provisions for each craft, you must first download a free copy of the Adobe Acrobat Reader available by clicking on the icon below:



GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**Craft: Asbestos Worker, Heat and Frost Insulator #**

**Determination:**  
SC-3-5-1-2023-1

**Issue Date:**  
August 22, 2023

**Expiration date of determination:**  
June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**  
All localities within Imperial, Inyo, Kern, Los Angeles, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura Counties.

**Wages and Employer Payments:**

Classification (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Daily Overtime Hourly Rate (2 X)	Saturday Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (2 X)	Sunday/ Holiday Overtime Hourly Rate
Mechanic	\$52.83 <sup>a</sup>	\$11.78 <sup>b</sup>	\$8.12 <sup>c</sup>	\$3.98	\$1.89	\$0.00	8.0	\$78.60	\$105.015 <sup>d</sup>	\$131.43 <sup>e</sup>	\$105.015 <sup>f</sup>	\$131.43 <sup>e</sup>	\$131.43 <sup>g</sup>

**Determination:**

SC-3-5-3-2023-1

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

**Wages and Employer Payments:**

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate
Hazardous Material Handler Mechanic	\$30.00 <sup>h</sup>	\$6.88 <sup>i</sup>	\$6.17	\$0.00	\$0.82	\$0.00	8.0	\$43.87	\$58.87	\$58.87	\$58.87 <sup>j</sup>

**Note:**

Asbestos removal workers must be trained and the work conducted according to the Code of Federal Regulations 29 CFR 1926.58, the California Labor Code 6501.5 and the California Code of Regulations, Title 8, Section 5208. Contractors must be certified by the Contractors' State License Board and registered with the Division of Occupational Safety and Health (DOSH). For further information, contact the Asbestos Contractors' Registration Unit, DOSH at (916) 574-2993.

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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# Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

<sup>a</sup> Includes 5.5% of employee's gross wage for dues/service fee check-off plus \$0.25 for supplemental dues.

<sup>b</sup> Includes \$0.01 for Occupational Health Plan.

<sup>c</sup> Pursuant to Labor Code Sections 1773.1 and 1773.8, the amount paid for the employer payment may vary resulting in a lower taxable Basic Hourly Rate, but the Total Hourly Rates for Straight Time and Overtime may not be less than the general prevailing rate of per diem wages.

<sup>d</sup> Rate applies to the first 2 overtime hours. Applies to all daily overtime hours on maintenance and asbestos abatement projects.

<sup>e</sup> Rate applies to all other Daily and Saturday overtime hours.

<sup>f</sup> Rate applies to first 8 hours worked on new construction. Applies to all Saturday hours on maintenance and asbestos abatement projects.

<sup>g</sup> \$184.26 per hour for work on Labor Day. For maintenance and asbestos abatement projects, Sundays and observed holidays may be worked at the time and one half rate.

<sup>h</sup> Includes 5.5% of employee's gross wage for dues/service fee check-off plus \$0.06 for supplemental dues.

<sup>i</sup> Includes \$0.40 for medical monitoring in compliance with industry regulations procedures and \$0.01 for Occupational Health Plan.

<sup>j</sup> \$103.87 per hour for work on Labor Day.

NOT FOR BIDDING

## **PREDETERMINED INCREASE**

### **CRAFT/CLASSIFICATION:**

Asbestos Heat and Frost Insulator: Mechanic

### **DETERMINATION:**

SC-3-5-1-2023-1

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura Counties

This predetermined increase for the above named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after September 1, 2023, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **Asbestos Worker, Heat and Frost Insulator: Mechanic**

Determination SC-3-5-1-2023-1 is currently in effect and expires on June 30, 2024\*\*.

Effective July 1, 2024, there will be an increase of \$4.25 to be allocated as follows: \$3.49 to Basic Hourly Rate, \$0.50 to Health and Welfare, and \$0.26 to Vacation and Holiday.

Effective June 30, 2025, there will be an increase of \$4.50 to be allocated to wages and/or fringes.

There will be no further increases applicable to this determination.

Issued 8/22/2023, effective 9/1/2023 until superseded.

This page will be updated when wage rate breakdown becomes available.

Last Updated: May 15, 2024

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**Craft: Asbestos and Lead Abatement (Laborer) #**

**Determination:**

SC-102-882-1-2024-1

**Issue Date:**

February 22, 2024

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura Counties.

**Wages and Employer Payments:**

Classification (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>a</sup>	Training	Other <sup>b</sup>	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate <sup>c</sup> (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Asbestos and Lead Abatement Worker	\$41.38	\$8.95	\$11.62	\$5.02	\$0.80	\$0.51	8	\$68.28	\$88.97	\$88.97	\$109.66

**Note:**

Asbestos Abatement must be trained and the work conducted according to the Code of Federal Regulations 29 CFR 1926.58, the California Labor Code 6501.5 and the California Code of Regulations Title 8, Section 5208. Contractors must be certified by the Contractors' State License Board and registered with the Division of Occupational Safety and Health (DOSH). For further information, contact the Asbestos Contractors Abatement Registration Unit, DOSH at (916) 574-2993.

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the

[Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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# Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

<sup>a</sup> Includes an amount for supplemental dues.

<sup>b</sup> Includes amounts for Center for Contract Compliance, Contract Administration Fund, Industry Fund, and Laborers' Trust Administrative Trust Fund.

<sup>c</sup> Saturdays in the same work week may be worked at straight-time if the job is shut down during the normal work week due to inclement weather, or reasons beyond the control of the employer.

NOT FOR BIDDING

## **PREDETERMINED INCREASE**

### **CRAFT/CLASSIFICATION:**

Asbestos and Lead Abatement (Laborer)

### **DETERMINATION:**

SC-102-882-1-2024-1

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura Counties

This predetermined increase for the above named craft applies only to the above referenced determination for work being performed on public works projects with bid advertisement dates on or after March 3, 2024 until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **ASBESTOS AND LEAD ABATEMENT WORKER (LABORER)**

Determination SC-102-882-1-2024-1 is currently in effect and expires on June 30, 2024\*\*.

Effective July 1, 2024, there will be an increase of \$3.30 to be allocated as follows: \$2.50 to Basic Hourly Rate, \$0.30 to Health & Welfare, \$0.45 to Pension, and \$0.05 to Training.

Effective July 1, 2025, there will be an increase of \$3.40 to be allocated to wages and/or fringe benefits.

There will be no further increases applicable to this determination.

Issued 2/22/2024, Effective 3/3/2024 until superseded.

This page will be updated when wage rate breakdown becomes available

Last Updated: June 11, 2024

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: BUILDING/CONSTRUCTION INSPECTOR AND FIELD SOILS AND MATERIAL TESTER#**

**Determination:**

SC-23-63-2-2023-2D

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

**Wages and Employer Payments:**

Classification <sup>a</sup> (Journey person)	Basic Hourly Rate	Health and Welfare	Pension <sup>b</sup>	Vacation and Holiday <sup>c</sup>	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate <sup>d</sup> (1½ x)	Saturday Overtime Hourly Rate <sup>e</sup> (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group 1	\$56.68	\$12.85	\$14.65	\$3.85	\$1.05	\$0.41	8	\$89.49	\$117.830	\$117.830	\$146.170
Group 2	\$58.46	\$12.85	\$14.65	\$3.85	\$1.05	\$0.41	8	\$91.27	\$120.500	\$120.500	\$149.730
Group 3	\$60.46	\$12.85	\$14.65	\$3.85	\$1.05	\$0.41	8	\$93.27	\$123.500	\$123.500	\$153.730

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: BUILDING/CONSTRUCTION INSPECTOR AND FIELD SOILS AND MATERIAL TESTER#  
(SPECIAL SHIFT)**

**Determination:**  
SC-23-63-2-2023-2D

**Issue Date:**  
August 22, 2023

**Expiration date of determination:**  
June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**  
All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

**Wages and Employer Payments:**

Classification <sup>a</sup> (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension <sup>b</sup>	Vacation and Holiday <sup>c</sup>	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate <sup>d</sup> (1½ x)	Saturday Overtime Hourly Rate <sup>e</sup> (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group 1	\$57.68	\$12.85	\$14.65	\$3.85	\$1.05	\$0.41	8	\$90.49	\$119.330	\$119.330	\$148.170
Group 2	\$59.46	\$12.85	\$14.65	\$3.85	\$1.05	\$0.41	8	\$92.27	\$122.000	\$122.000	\$151.730
Group 3	\$61.46	\$12.85	\$14.65	\$3.85	\$1.05	\$0.41	8	\$94.27	\$125.000	\$125.000	\$155.730

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: BUILDING/CONSTRUCTION INSPECTOR AND FIELD SOILS AND MATERIAL TESTER #  
(MULTI-SHIFT)**

**Determination:**

SC-23-63-2-2023-2D

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\*The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

**Wages and Employer Payments:**

Classification <sup>a</sup> (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension <sup>b</sup>	Vacation and Holiday <sup>c</sup>	Training	Other	Hours <sup>f</sup>	Total Hourly Rate	Daily Overtime Hourly Rate <sup>d</sup> (1½ x)	Saturday Overtime Hourly Rate <sup>e</sup> (1½ x)	Sunday/ Holiday Overtime Hourly Rate (2 x)
Group 1	\$57.68	\$12.85	\$14.65	\$3.85	\$1.05	\$0.41	8	\$90.49	\$119.330	\$119.330	\$148.170
Group 2	\$59.46	\$12.85	\$14.65	\$3.85	\$1.05	\$0.41	8	\$92.27	\$122.000	\$122.000	\$151.730
Group 3	\$61.46	\$12.85	\$14.65	\$3.85	\$1.05	\$0.41	8	\$94.27	\$125.000	\$125.000	\$155.730

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Classifications:**

**Group 1**

- Field Soils and Materials Tester
- Field Asphaltic Concrete (Soils and Materials Tester)
- Field Earthwork (Grading Excavation and Filling)
- Roof Inspector
- Water Proofer

**Group 2**

- AWS-CWI Welding Inspector
- Building/Construction Inspector
- Licensed Grading Inspector
- Reinforcing Steel
- Reinforced Concrete
- Pre-Tension Concrete

- Post-Tension Concrete
- Structural Steel and Welding Inspector
- Glue-Lam and truss Joints
- Truss-Type Joint Construction
- Shear Wall and Floor System used as diaphragms
- Concrete batch Plant
- Spray-Applied Fireproofing
- Structural masonry

**Group 3**

- Nondestructive Testing (NDT)
- Unmanned Aircraft Systems (UAS Drones) Operator (when used in conjunction with field soils and material testing – building/construction inspection)

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

<sup>a</sup> For classifications within each group, see Page 4.

<sup>b</sup> Includes an amount for Annuity.

<sup>c</sup> Includes an amount withheld for supplemental dues.

<sup>d</sup> Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

<sup>e</sup> Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

<sup>f</sup> The Third Shift shall work 6.5 hours, exclusive of meal period, for which 8 hours straight-time shall be paid at the non-shift rate, Monday through Friday.

## PREDETERMINED INCREASE

### **CRAFTS/CLASSIFICATIONS:**

Operating Engineer (SC-23-63-2-2023-2) (All Shifts)

Cranes, Pile Driver and Hoisting Equipment (Operating Engineer) (SC-23-63-2-2023-2B) (All Shifts)

Tunnel (Operating Engineer) (SC-23-63-2-2023-2C) (All Shifts)

Building/Construction Inspector, Field Soils and Material Tester, and Non-Destructive Testing (SC-23-63-2-2023-2D) (All Shifts)

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura Counties

These predetermined increases for the above named crafts apply only to the current determinations for work being performed on public works projects with bid advertisement dates on or after September 1, 2023, until the determination(s) is/are superseded by a new determination(s) or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **OPERATING ENGINEER: All Classifications and All Shifts**

The above Determinations are currently in effect and will expire on June 30, 2024\*\*.

Effective on July 1, 2024, there will be an increase of \$4.02 allocated to wages and/or employer payments.

There will be no further increases applicable to these determinations.

Issued 8/22/2023, Effective 9/1/2023 until superseded.

This page will be updated when wage rate breakdown becomes available.

Last Updated: September 1, 2023

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**Craft: Carpenter and Related Trades<sup>#</sup>**

**Determination:**

SC-23-31-2-2024-1

**Issue Date:**

February 22, 2024

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

**Wages and Employer Payments:**

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>a</sup>	Training	Other <sup>b</sup>	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) <sup>c</sup>	Saturday Overtime Hourly Rate (1 ½ X) <sup>d</sup>	Sunday/ Holiday Overtime Hourly Rate (2 X)
Carpenter <sup>e f</sup> , Cabinet Installer, Insulation Installer, Hardwood Floor Worker, Acoustical Installer	\$48.86	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$74.57	\$99.00	\$99.00	\$123.43
Pile Driveman <sup>g</sup> , Derrick Bargeman, Rockslinger, Bridge or Dock Carpenter, Cable Splicer	\$48.99	\$8.25	\$5.91	\$7.39	\$0.72	\$3.49	8.0	\$74.75	\$99.245	\$99.245	\$123.74
Bridge Carpenter <sup>e</sup>	\$48.99	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$74.70	\$99.195	\$99.195	\$123.69
Shingler <sup>e</sup>	\$48.99	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$74.70	\$99.195	\$99.195	\$123.69
Saw Filer	\$48.95	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$74.66	\$99.135	\$99.135	\$123.61
Table Power Saw Operator	\$48.96	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$74.67	\$99.15	\$99.15	\$123.63
Pneumatic Nailer or Power Stapler	\$49.11	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$74.82	\$99.375	\$99.375	\$123.93

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>a</sup>	Training	Other <sup>b</sup>	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) <sup>c</sup>	Saturday Overtime Hourly Rate (1 ½ X) <sup>d</sup>	Sunday/ Holiday Overtime Hourly Rate (2 X)
Roof Loader of Shingles	\$34.20	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$59.91	\$77.01	\$77.01	\$94.11
Scaffold Builder	\$40.77	\$8.25	\$5.91	\$7.43	\$0.72	\$2.94	8.0	\$66.02	\$86.405	\$86.405	\$106.79
Millwright <sup>e</sup>	\$49.36	\$8.25	\$5.91	\$7.39	\$0.72	\$3.64	8.0	\$75.27	\$99.95	\$99.95	\$124.63
Head Rockslinger	\$49.09	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$74.80	\$99.345	\$99.345	\$123.89
Rock Bargeman or Scowman	\$48.89	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$74.60	\$99.045	\$99.045	\$123.49
Diver, Wet (Up To 50 Ft. Depth) <sup>h</sup>	\$105.98 <sup>i</sup>	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$131.69	\$184.68	\$184.68	\$237.67
Diver, (Stand-By) <sup>h</sup>	\$52.99 <sup>i</sup>	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$78.70	\$105.195	\$105.195	\$131.69
Diver's Tender <sup>h</sup>	\$51.99	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$77.70	\$103.695	\$103.695	\$129.69
Assistant Tender (Diver's) <sup>h</sup>	\$48.99	\$8.25	\$5.91	\$7.39	\$0.72	\$3.44	8.0	\$74.70	\$99.195	\$99.195	\$123.69

**Determination:**  
SC-31-741-1-2023-1

**Issue Date:**  
August 22, 2023

**Expiration date of determination:**  
May 31, 2024\* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after ten days after the expiration date if no subsequent determination is issued.

**Wages and Employer Payments:**

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>a</sup>	Training	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X) <sup>j</sup>	Holiday Overtime Hourly Rate (2 X)
Terrazzo Installer	\$44.34	\$8.25	\$5.91	\$4.69	\$0.62	8.0	\$63.81	\$85.980	85.980	108.150
Terrazzo Finisher	\$37.84	\$8.25	\$5.91	\$4.69	\$0.62	8.0	\$57.31	\$76.23	\$76.23	\$95.15

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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# Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

<sup>a</sup> Includes an amount for supplemental dues.

<sup>b</sup> Includes an amount for Annuity.

<sup>c</sup> All overtime worked Mon - Fri shall be paid at 1 1/2 times the straight time rate for the first four (4) hours and double (2x) the straight time for work performed after twelve (12) hours.

<sup>d</sup> First eight (8) hours worked paid at 1 1/2 times the straight time rate, all hours after that paid at double (2x) the straight time rate. Saturdays in the same work week may be worked at straight-time rates if a job is shut down during the normal work week due to inclement weather, major mechanical breakdown or lack of materials beyond the control of the Employer.

<sup>e</sup> When performing welding work requiring certification, classification will receive an additional \$1.00 per hour.

<sup>f</sup> A Carpenter who performs work of forming in the construction of open cut sewers or storm drains shall receive a premium of thirteen cents (\$0.13) per hour in addition to his Carpenter's scale. This premium shall apply only on an operation in which horizontal lagging is used in conjunction with Steel H-Beams driven or placed in pre-drilled holes, for that portion of a lagged trench against which concrete is poured, namely, as a substitute for back forms, which work is performed by pile drivers.

<sup>g</sup> When performing welding work requiring certification, classification will receive an additional \$1.00 per hour. An additional \$0.50 per hour when handling or working with new pressure-treated creosote piling or timber, or driving of used pressure-treated creosote piling.

<sup>h</sup> Shall receive a minimum of 8 hours pay for any day or part thereof.

<sup>i</sup> For specific rates over 50 ft depth, contact the Office of the Director – Research Unit. Rates for Technicians, Manifold Operators, Pressurized Submersible Operators, Remote Control Vehicle Operators, and Remote Operated Vehicle Operators, as well as rates for Pressurized Bell Diving and Saturation Diving are available upon request.

<sup>j</sup> Saturdays in the same work week may be worked at straight-time rates if a job is shut down during the normal work week due to inclement weather, major mechanical breakdown or lack of materials beyond the control of the Employer. Work on Sunday, if it is the 7th consecutive workday, shall be paid at double (2x) the straight-time rate.

## PREDETERMINED INCREASE

### **CRAFT:**

Carpenter and Related Trades

### **DETERMINATION:**

SC-23-31-2-2024-1

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, And Ventura Counties.

This predetermined increase for the above named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after March 3, 2024, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **CARPENTER (All classifications except Scaffold Builder)**

Determination SC-23-31-2-2024-1 is currently in effect and expires on June 30, 2024\*\*.

Effective on July 1, 2024, there will be an increase of \$3.25 to be allocated to wages and/or employer payments.

Effective on July 1, 2025, there will be an increase of \$3.50 to be allocated to wages and/or employer payments.

There will be no further increases applicable to this determination.

### **CARPENTER (Scaffold Builder)**

Determination SC-23-31-2-2024-1 is currently in effect and expires on June 30, 2024\*\*.

Effective on July 1, 2024, there will be an increase of \$3.75 to be allocated to wages and/or employer payments.

Effective on July 1, 2025, there will be an increase of \$4.00 to be allocated to wages and/or employer payments.

There will be no further increases applicable to this determination.

Issued 2/22/2024, Effective 3/3/2024 until superseded.

This page will be updated when wage rate breakdown becomes available.

Last Updated: March 3, 2024

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**Craft: Cement Mason<sup>#</sup>**

**Determination:**

SC-23-203-2-2023-1

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura Counties.

**Wages and Employer Payments:**

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>a</sup>	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) <sup>b</sup>	Saturday Overtime Hourly Rate (1 ½ X) <sup>b</sup> <sub>c</sub>	Sunday/ Holiday Overtime Hourly Rate (2 X)
Cement Mason, Curb and Gutter Machine Operator; Clary and Similar Type of Screed Operator (Cement only); Grinding Machine Operator (all types); Jackson Vibratory, Texas Screed and Similar Type Screed Operator; Scoring Machine Operator	\$44.00	\$8.50	\$10.63	\$7.34	\$0.64	\$0.24	8.0	\$71.35	\$93.35	\$93.35	\$115.35
Magnesite, magnesite-terrazzo and mastic composition, Epoxy, Urethanes and exotic coatings, Dex-O-Tex	\$44.12	\$8.50	\$10.63	\$7.34	\$0.64	\$0.24	8.0	\$71.47	\$93.53	\$93.53	\$115.59

Classification (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>a</sup>	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) <sup>b</sup>	Saturday Overtime Hourly Rate (1 ½ X) <sup>b</sup> <sub>c</sub>	Sunday/ Holiday Overtime Hourly Rate (2 X)
Floating and Troweling Machine Operator	\$44.25	\$8.50	\$10.63	\$7.34	\$0.64	\$0.24	8.0	\$71.60	\$93.725	\$93.725	\$115.85

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

<sup>a</sup> Includes an amount for supplemental dues.

<sup>b</sup> Rate applies to the first 4 daily overtime hours and the first 12 hours worked on Saturday. All other time is paid at the double time (2X) rate.

<sup>c</sup> Saturday in the same work week may be worked at straight-time rate, up to 8 hours on Saturday or when the employee has worked a total of 40 hours in the work week, if it is not reasonably possible for any individual employee on a particular job site to complete 40 hours of work on a 8 hour day, Monday through Friday, due to inclement weather or similar act of God or a situation beyond the control of the contractor.

## **PREDETERMINED INCREASE**

### **CRAFT/CLASSIFICATION:**

Cement Mason

### **DETERMINATION:**

SC-23-203-2-2023-2

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties

This predetermined increase for the above-named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after September 1, 2023, until this determination is superseded by a new determination, or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **CEMENT MASON**

Determination SC-23-203-2-2023-2 is currently in effect and expires on June 30, 2024\*\*.

Effective on July 1, 2024, there will be an increase of \$2.15 allocated as follows: \$1.50 to Basic Hourly Rate, \$0.30 to Health & Welfare, \$0.22 to Pension and \$0.13 to Vacation/Holiday.

There will be no further increases applicable to this determination.

Issued 8/22/2023, Effective 9/1/2023 until superseded.

This page will be updated when wage rate breakdown becomes available.

Last Updated: June 5, 2024

GENERAL PREVAILING WAGE DETERMINATION MADE BY  
THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE  
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: CRANES, PILE DRIVER AND HOISTING EQUIPMENT (OPERATING ENGINEER) #**

**Determination:**

SC-23-63-2-2023-2B

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

**Wages and total hourly rates (including employer payments):**

Classification <sup>a</sup> (Journeyman)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate <sup>b</sup> (1½ x)	Saturday Overtime Hourly Rate <sup>c</sup> (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group 1	\$57.25	8	\$90.06	\$118.685	\$118.685	\$147.310
Group 2	\$58.03	8	\$90.84	\$119.855	\$119.855	\$148.870
Group 3	\$58.32	8	\$91.13	\$120.290	\$120.290	\$149.450
Group 4	\$58.46	8	\$91.27	\$120.500	\$120.500	\$149.730
Group 5	\$58.68	8	\$91.49	\$120.830	\$120.830	\$150.170
Group 6	\$58.79	8	\$91.60	\$120.995	\$120.995	\$150.390
Group 7	\$58.91	8	\$91.72	\$121.175	\$121.175	\$150.630
Group 8	\$59.08	8	\$91.89	\$121.430	\$121.430	\$150.970
Group 9	\$59.25	8	\$92.06	\$121.685	\$121.685	\$151.310
Group 10	\$60.25	8	\$93.06	\$123.185	\$123.185	\$153.310
Group 11	\$61.25	8	\$94.06	\$124.685	\$124.685	\$155.310
Group 12	\$62.25	8	\$95.06	\$126.185	\$126.185	\$157.310
Group 13	\$63.25	8	\$96.06	\$127.685	\$127.685	\$159.310

**Employer Payments:**

Type of Fund	Amount per Hour
Health and Welfare	\$12.85
Pension <sup>d</sup>	\$14.65
Vacation and Holiday <sup>e</sup>	\$3.85
Training	\$1.05
Other	\$0.41

GENERAL PREVAILING WAGE DETERMINATION MADE BY  
THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE  
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: CRANES, PILE DRIVER AND HOISTING EQUIPMENT  
(OPERATING ENGINEER, SPECIAL SHIFT) #**

**Determination:**

SC-23-63-2-2023-2B

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

**Wages and total hourly rates (including employer payments):**

Classification <sup>a</sup> (Journeyman)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate <sup>b</sup> (1½ x)	Saturday Overtime Hourly Rate <sup>c</sup> (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group 1	\$58.25	8	\$91.06	\$120.185	\$120.185	\$149.310
Group 2	\$59.03	8	\$91.84	\$121.355	\$121.355	\$150.870
Group 3	\$59.32	8	\$92.13	\$121.790	\$121.790	\$151.450
Group 4	\$59.46	8	\$92.27	\$122.000	\$122.000	\$151.730
Group 5	\$59.68	8	\$92.49	\$122.330	\$122.330	\$152.170
Group 6	\$59.79	8	\$92.60	\$122.495	\$122.495	\$152.390
Group 7	\$59.91	8	\$92.72	\$122.675	\$122.675	\$152.630
Group 8	\$60.08	8	\$92.89	\$122.930	\$122.930	\$152.970
Group 9	\$60.25	8	\$93.06	\$123.185	\$123.185	\$153.310
Group 10	\$61.25	8	\$94.06	\$124.685	\$124.685	\$155.310
Group 11	\$62.25	8	\$95.06	\$126.185	\$126.185	\$157.310
Group 12	\$63.25	8	\$96.06	\$127.685	\$127.685	\$159.310
Group 13	\$64.25	8	\$97.06	\$129.185	\$129.185	\$161.310

**Employer Payments:**

Type of Fund	Amount per Hour
Health and Welfare	\$12.85
Pension <sup>d</sup>	\$14.65
Vacation and Holiday <sup>e</sup>	\$3.85
Training	\$1.05
Other	\$0.41

GENERAL PREVAILING WAGE DETERMINATION MADE BY  
THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE  
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: CRANES, PILE DRIVER AND HOISTING EQUIPMENT  
(OPERATING ENGINEER, MULTI-SHIFT) #**

**Determination:**

SC-23-63-2-2023-2B

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\*The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

**Wages and total hourly rates (including employer payments):**

Classification <sup>a</sup> (Journey person)	Basic Hourly Rate	Hours <sup>f</sup>	Total Hourly Rate	Daily Overtime Hourly Rate <sup>b</sup> (1½ x)	Saturday Overtime Hourly Rate <sup>c</sup> (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group 1	\$58.25	8	\$91.06	\$120.185	\$120.185	\$149.310
Group 2	\$59.03	8	\$91.84	\$121.355	\$121.355	\$150.870
Group 3	\$59.32	8	\$92.13	\$121.790	\$121.790	\$151.450
Group 4	\$59.46	8	\$92.27	\$122.000	\$122.000	\$151.730
Group 5	\$59.68	8	\$92.49	\$122.330	\$122.330	\$152.170
Group 6	\$59.79	8	\$92.60	\$122.495	\$122.495	\$152.390
Group 7	\$59.91	8	\$92.72	\$122.675	\$122.675	\$152.630
Group 8	\$60.08	8	\$92.89	\$122.930	\$122.930	\$152.970
Group 9	\$60.25	8	\$93.06	\$123.185	\$123.185	\$153.310
Group 10	\$61.25	8	\$94.06	\$124.685	\$124.685	\$155.310
Group 11	\$62.25	8	\$95.06	\$126.185	\$126.185	\$157.310
Group 12	\$63.25	8	\$96.06	\$127.685	\$127.685	\$159.310
Group 13	\$64.25	8	\$97.06	\$129.185	\$129.185	\$161.310

**Employer Payments:**

Type of Fund	Amount per Hour
Health and Welfare	\$12.85
Pension <sup>d</sup>	\$14.65
Vacation and Holiday <sup>e</sup>	\$3.85
Training	\$1.05
Other	\$0.41

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Classifications:**

**Group 1**

Engineer Oiler

**Group 2**

Truck Crane Oiler

**Group 3**

A-Frame or Winch Truck Operator  
Ross Carrier Operator (Jobsite)

**Group 4**

Bridge-Type Unloader and Turntable Operator  
Helicopter Hoist Operator  
Ojjo Earth Truss Driver Machine Operator or similar types  
Snobble Unit (pin-n-go or similar type)

**Group 5**

Hydraulic Boom Truck/Knuckleboom  
Stinger Crane (Austin-Western or similar type)  
Tugger Hoist Operator (1 drum)

**Group 6**

Bridge Crane Operator  
Cretor Crane Operator  
Hoist Operator (Chicago Boom and similar type)  
Lift Mobile Operator  
Lift Slab Machine Operator (Vagtborg and similar types)  
Material Hoist and/or Manlift Operator  
Polar Gantry Crane Operator  
Prentice Self-Loader  
Self Climbing Scaffold (or similar type)

Shovel, Dragline, Clamshell Operator (over ¾ yd and up to 5 cu yds, M.R.C.)

Silent Piler

Tugger Hoist Operator (2 drum)

**Group 7**

Pedestal Crane Operator  
Shovel, Dragline, Clamshell Operator (over 5 cu yds, M.R.C.)  
Tower Crane Repairman  
Tugger Hoist Operator (3 drum)

**Group 8**

Crane Operator (up to and including 25 ton capacity)  
Crawler Transporter Operator  
Derrick Barge Operator (up to and including 25 ton capacity)  
Hoist Operator, Stiff Legs, Guy Derrick or similar type (up to and including 25 ton capacity)  
Rotational Telehandler Operator  
Self-Propelled Modular Transporter (Schuerle, Goldhofer or similar types)  
Shovel, Dragline, Clamshell Operator (over 7 cu yds M.R.C.)

**Group 9**

Crane Operator (over 25 tons, up to and including 50 ton M.R.C.)  
Derrick Barge Operator (over 25 tons, up to and including 50 ton M.R.C.)  
Highline Cableway Operator

Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 25 tons, up to and including 50 ton M.R.C.)

K-Crane

Polar Crane Operator

Self Erecting Tower Crane Operator Maximum Lifting Capacity ten (10) tons

**Group 10**

ABI/IFundex Machine

Crane Operator (over 50 tons, up to and including 100 ton M.R.C.)

Derrick Barge Operator (over 50 tons, up to and including 100 ton M.R.C.)

Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 50 tons, up to and including 100 ton M.R.C.)

Mobile Tower Crane Operator (over 50 tons, up to and including 100 ton M.R.C.)

Shovel, Dragline, Clamshell Operator (over 10 cu. yds.)

**Group 11**

Crane Operator (over 100 tons, up to and including 200 ton M.R.C.)

Derrick Barge Operator (over 100 tons, up to and including 200 ton M.R.C.)

Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 100 tons, up to and including 200 ton M.R.C.)

Mobile Tower Crane Operator (over 100 tons, up to and including 200 ton M.R.C.)

Tower Crane Operator and Tower Gantry

**Group 12**

Crane Operator (over 200 tons, up to and including 300 ton M.R.C.)

Derrick Barge Operator (over 200 tons, up to and including 300 ton M.R.C.)

Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 200 tons, up to and including 300 ton M.R.C.)

Mobile Tower Crane Operator (over 200 tons, up to and including 300 ton M.R.C.)

**Group 13**

Crane Operator (over 300 tons)

Derrick Barge Operator (over 300 tons)

Helicopter Pilot

Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 300 tons)

Hydraulically Controlled Lift Gantry Operator BCR Lift System (over 300 tons)

Mobile Tower Crane Operator (over 300 tons)

**MISCELLANEOUS PROVISIONS:**

1. Operators on hoists with three drums shall receive fifty cents (50¢) per hour additional pay to the regular rate of pay. The additional pay shall be added to the regular rate and become the base rate for the entire shift.
2. All heavy duty repairman and heavy duty combination shall receive one dollar (\$1.00) per hour tool allowance in addition to their regular rate of pay and this shall become their base rate of pay.
3. Employees required to suit up and work in a hazardous material environment, shall receive two dollars per hour in addition to their regular rate of pay, and that rate shall become the basic hourly rate of pay.

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

<sup>a</sup> For classifications within each group, see Pages 4 and 5.

<sup>b</sup> Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

<sup>c</sup> Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

<sup>d</sup> Includes an amount for Annuity.

<sup>e</sup> Includes an amount withheld for supplemental dues.

<sup>f</sup> The Third Shift shall work 6.5 hours, exclusive of meal period, for which 8 hours straight-time shall be paid at the non-shift rate, Monday through Friday.

## PREDETERMINED INCREASE

### **CRAFTS/CLASSIFICATIONS:**

Operating Engineer (SC-23-63-2-2023-2) (All Shifts)

Cranes, Pile Driver and Hoisting Equipment (Operating Engineer) (SC-23-63-2-2023-2B) (All Shifts)

Tunnel (Operating Engineer) (SC-23-63-2-2023-2C) (All Shifts)

Building/Construction Inspector, Field Soils and Material Tester, and Non-Destructive Testing (SC-23-63-2-2023-2D) (All Shifts)

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura Counties

These predetermined increases for the above named crafts apply only to the current determinations for work being performed on public works projects with bid advertisement dates on or after September 1, 2023, until the determination(s) is/are superseded by a new determination(s) or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **OPERATING ENGINEER: All Classifications and All Shifts**

The above Determinations are currently in effect and will expire on June 30, 2024\*\*.

Effective on July 1, 2024, there will be an increase of \$4.02 allocated to wages and/or employer payments.

There will be no further increases applicable to these determinations.

Issued 8/22/2023, Effective 9/1/2023 until superseded.

This page will be updated when wage rate breakdown becomes available.

Last Updated: September 1, 2023

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**Craft: Dredger (Operating Engineer)\***

**Determination:**

SC-63-12-23-2023-2

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

July 31, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director – Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura counties.

**Wages and Employer Payments:**

Classification	Basic Hourly Rate	Health and Welfare	Pension <sup>a</sup>	Vacation and Holiday <sup>b</sup>	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) <sup>c</sup>	Saturday Overtime Hourly Rate (1 ½ X) <sup>c</sup>	Sunday Overtime Hourly Rate (2 X)	Holiday Overtime Hourly Rate (3X)
Chief Engineer, Deck Captain	\$61.10	\$12.85	\$15.15	\$7.15	\$1.05	\$0.15	8	\$97.45	\$128.000	\$128.000	\$158.55	\$219.65
Leverman	\$64.10	\$12.85	\$15.15	\$7.15	\$1.05	\$0.15	8	\$100.45	\$132.500	\$132.500	\$164.55	\$228.65
Watch Engineer, Deckmate	\$58.02	\$12.85	\$15.15	\$7.15	\$1.05	\$0.15	8	\$94.37	\$123.380	\$123.380	\$152.39	\$210.41
Winchman (Stern Winch on Dredge)	\$57.47	\$12.85	\$15.15	\$7.15	\$1.05	\$0.15	8	\$93.82	\$122.555	\$122.555	\$151.29	\$208.76
Fireman-Oiler, Leveehand, Deckhand (can operate anchor scow under direction of mate), Bargeman	\$56.93	\$12.85	\$15.15	\$7.15	\$1.05	\$0.15	8	\$93.28	\$121.745	\$121.745	\$150.21	\$207.14

Classification	Basic Hourly Rate	Health and Welfare	Pension <sup>a</sup>	Vacation and Holiday <sup>b</sup>	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) <sup>c</sup>	Saturday Overtime Hourly Rate (1 ½ X) <sup>c</sup>	Sunday Overtime Hourly Rate (2 X)	Holiday Overtime Hourly Rate (3X)
Dozer Operator	\$58.13	\$12.85	\$15.15	\$7.15	\$1.05	\$0.15	8	\$94.48	\$123.545	\$123.545	\$152.61	\$210.74
Hydrographic Surveyor	\$59.56	\$12.85	\$15.15	\$7.15	\$1.05	\$0.15	8	\$95.91	\$125.690	\$125.690	\$155.47	\$215.03
Barge Mate	\$57.54	\$12.85	\$15.15	\$7.15	\$1.05	\$0.15	8	\$93.89	\$122.660	\$122.660	\$151.43	\$208.97
Welder	\$59.52	\$12.85	\$15.15	\$7.15	\$1.05	\$0.15	8	\$95.87	\$125.630	\$125.630	\$155.39	\$214.91

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**MISCELLANEOUS PROVISION:**

Employees required to suit up and work in a hazardous material environment, shall receive Two Dollars (\$2.00) per hour in addition to their regular rate of pay, and that rate shall become the basic hourly rate of pay.

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

<sup>a</sup> Includes an amount for annuity.

<sup>b</sup> Includes an amount for supplemental dues.

<sup>c</sup> Rate applies to the first 4 daily overtime hours and first 12 hours on Saturdays. All other time is paid at the Sunday overtime rate.

## **PREDETERMINED INCREASE**

### **CRAFT/CLASSIFICATION:**

Dredger (Operating Engineer)

### **DETERMINATION:**

SC-63-12-23-2023-2

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, And Ventura Counties

This predetermined increase for the above named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after September 1, 2023, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **DREDGER (OPERATING ENGINEER)**

The above determination is currently in effect and will expire on July 31, 2024\*\*.

Effective on August 1, 2024, there will be an increase of \$4.25 to be allocated to wages and/or employer payments.

There will be no further increases applicable to this determination.

Issued 8/22/2023, Effective 9/1/2023 until superseded.

This page will be updated when wage rate breakdown information becomes available.

Last Updated: September 1, 2023

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**Craft: Drywall Installer/Lather (Carpenter)#**

**Determination:**

SC-31-X-41-2024-1

**Issue Date:**

February 22, 2024

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura counties.

**Wages and Employer Payments:**

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>a</sup>	Training	Other <sup>b</sup>	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) <sup>c</sup>	Saturday Overtime Hourly Rate (1 ½ X) <sup>c</sup>	Sunday/ Holiday Overtime Hourly Rate (2 X)
Drywall Installer/Lather	\$48.86	\$8.25	\$5.91	\$7.39	\$0.72	\$3.77	8.0	\$74.90	\$99.33	\$99.33	\$123.76

**Determination:**

SC-31-X-41-2024-1A

**Issue Date:**

February 22, 2024

**Expiration date of determination:**

June 30, 2024\* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director - Research Unit (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura counties

**Wages and Employer Payments:**

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>a</sup>	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) <sup>c</sup>	Saturday Overtime Hourly Rate (1 ½ X) <sup>c</sup>	Sunday/ Holiday Overtime Hourly Rate (2 X)
Stocker, Scrapper	\$20.80	\$4.25	\$0.00	\$8.39	\$0.72	\$0.00	8.0	\$34.16	\$44.56	\$44.56	\$54.96

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

<sup>a</sup> Includes an amount per hour worked for supplemental dues.

<sup>b</sup> Includes an amount for Annuity.

<sup>c</sup> Rate applies to the first 4 daily overtime hours and to the first 8 hours on Saturday. All other overtime will be paid the Sunday and Holiday double time rate. Saturdays in the same workweek may be worked at straight-time if job is shut down during the normal work week due to inclement weather.

## **PREDETERMINED INCREASE**

### **CRAFT/CLASSIFICATION:**

Drywall Installer/Lather (Carpenter)

### **DETERMINATION:**

SC-31-X-41-2024-1

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura Counties

This predetermined increase for the above named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after March 3, 2024, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **DRYWALL INSTALLER/LATHER (CARPENTER)**

Determination SC-31-X-41-2024-1 is currently in effect and expires on June 30, 2024\*\*.

Effective July 1, 2024, there will be a \$3.25 increase to be allocated to wages and/or employer payments.

Effective July 1, 2025, there will be a \$3.50 increase to be allocated to wages and/or employer payments.

There will be no further increases applicable to this determination.

Issued 2/22/2024, Effective 3/3/2024 until superseded.

This page will be updated when wage rate breakdown becomes available.

Last Updated: March 3, 2024

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**Craft: Elevator Constructor<sup>#</sup>**

**Determination:**

SC-62-X-999-2024-1

**Issue Date:**

February 22, 2024

**Expiration date of determination:**

December 31, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-477.

**Localities:**

All localities within Imperial, Los Angeles, Orange, Riverside, San Diego, Santa Barbara and Ventura counties. Portions of Kern, San Bernardino and San Luis Obispo counties are detailed below <sup>a</sup>.

**Wages and Employer Payments:**

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension <sup>b</sup>	Vacation and Holiday <sup>c</sup>	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) <sup>d</sup>	Saturday Overtime Hourly Rate (1 ½ X) <sup>d</sup>	Sunday/ Holiday Overtime Hourly Rate
Mechanic	\$66.63	\$16.175	\$20.96	\$6.05	\$0.75	\$1.30	8.0	\$111.865	\$145.180	\$145.180	\$178.495
Mechanic (employed in industry more than 5 years)	\$66.63	\$16.175	\$20.96	\$7.39	\$0.75	\$1.30	8.0	\$113.205	\$146.520	\$146.520	\$179.835
Helper <sup>e</sup>	\$46.64	\$16.175	\$20.96	\$4.24	\$0.75	\$1.30	8.0	\$90.065	\$113.385	\$113.385	\$136.705
Helper (employed in industry more than 5 years) <sup>e</sup>	\$44.64	\$16.175	\$20.96	\$5.17	\$0.75	\$1.30	8.0	\$90.995	\$114.315	\$114.315	\$137.635

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

<sup>a</sup> Applies to that portion of these counties south of the Tehachapi Line. For more information contact the Office of the Director – Research Unit.

<sup>b</sup> Includes an amount for Annuity Trust Fund.

<sup>c</sup> Includes an amount for 8 paid holidays.

<sup>d</sup> For Contract Service work only. All other overtime is paid at the Sunday/Holiday rate.

<sup>e</sup> Ratio: The total number of Helpers employed shall not exceed the number of Mechanics on any one job. When removing old and installing new cables on existing elevator installations, the Company may use two (2) Helpers, Apprentices or Assistant Mechanics to one (1) Mechanic. Two (2) Helpers, Apprentices or Assistant Mechanics to each three (3) Mechanics may be employed in Contract Service work only. For more information on the use of Helpers, contact the Office of the Director – Research Unit.

NOT FOR BID

## PREDETERMINED INCREASE

### **CRAFT/CLASSIFICATION:**

Elevator Constructor

### **DETERMINATION:**

SC-62-X-999-2024-1

### **LOCALITIES:**

All localities within Imperial, Los Angeles, Orange, Riverside, San Diego, Santa Barbara, and Ventura Counties. Portions of Kern<sup>a</sup>, San Bernardino<sup>a</sup>, and San Luis Obispo<sup>a</sup> Counties

This predetermined increase for the above named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after March 3, 2024, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **MECHANIC**

Determination SC-62-X-999-2024-1 is currently in effect and expires on December 31, 2024\*\*.

Effective January 1, 2025, there will be an increase of \$3.85 allocated to be allocated to wages and/or employer payments.

Effective January 1, 2026, there will be an increase of \$3.99 allocated to be allocated to wages and/or employer payments.

Effective January 1, 2027, there will be an increase of \$4.18 allocated to be allocated to wages and/or employer payments.

### **MECHANIC (Employed in industry more than 5 years)**

Determination SC-62-X-999-2024-1 is currently in effect and expires on December 31, 2024\*\*.

Effective January 1, 2025, there will be an increase of \$3.85 allocated to be allocated to wages and/or employer payments.

Effective January 1, 2026, there will be an increase of \$3.99 allocated to be allocated to wages and/or employer payments.

Effective January 1, 2027, there will be an increase of \$4.18 allocated to be allocated to wages and/or employer payments.

### **HELPER**

Determination SC-62-X-999-2024-1 is currently in effect and expires on December 31, 2024\*\*.

Effective January 1, 2025, there will be an increase of \$2.70 allocated to be allocated to

wages and/or employer payments.

Effective January 1, 2026, there will be an increase of \$2.79 allocated to be allocated to wages and/or employer payments.

Effective January 1, 2027, there will be an increase of \$2.93 allocated to be allocated to wages and/or employer payments.

**HELPER (Employed in industry more than 5 years)**

Determination SC-62-X-999-2024-1 is currently in effect and expires on December 31, 2024\*\*.

Effective January 1, 2025, there will be an increase of \$2.70 allocated to be allocated to wages and/or employer payments.

Effective January 1, 2026, there will be an increase of \$2.79 allocated to be allocated to wages and/or employer payments.

Effective January 1, 2027, there will be an increase of \$2.93 allocated to be allocated to wages and/or employer payments

There will be no further predetermined increases applicable to this determination.

Issued February 22, 2024. Effective March 3, 2024 until superseded.

This page will be updated when wage rate breakdown information becomes available.

Last Updated: March 3, 2024

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<sup>a</sup> Applies to that portion of these Counties South of the Tehachapi line

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**Craft: Fence Builder (Carpenter)#**

**Determination:**

SC-23-31-20-2024-1

**Issue Date:**

February 22, 2024

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura counties.

**Wages and Employer Payments:**

Classification (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other <sup>a</sup>	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) <sup>b</sup>	Saturday Overtime Hourly Rate (1 ½ X) <sup>c</sup>	Sunday/ Holiday Overtime Hourly Rate
Fence Builder	\$45.29	\$8.25	\$5.75	\$7.14	\$0.67	\$2.33	8.0	\$69.43	\$92.075	\$92.075	\$114.72

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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# Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

<sup>a</sup> Includes an amount for Annuity.

<sup>b</sup> Rate applies to the first 4 overtime hours. All other time is paid at the Sunday and Holiday overtime hourly rate.

<sup>c</sup> Saturdays in the same work week may be worked at straight-time for the first 8 hours if the job is shut down during the normal work week due to inclement weather, or reasons beyond the control of the employer.

NOT FOR BID

## PREDETERMINED INCREASE

### **CRAFT:**

Fence Builder (Carpenter)

### **DETERMINATION:**

SC-23-31-20-2024-1

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura Counties

This predetermined increase for the above named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after March 3, 2024, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **FENCE BUILDER (CARPENTER)**

Determination SC-23-31-20-2024-1 is currently in effect and expires on June 30, 2024\*\*.

Effective on July 1, 2024, there will be an increase of \$3.30 to be allocated to wages and/or fringes.

Effective on July 1, 2025, there will be an increase of \$3.40 to be allocated to wages and/or fringes.

There will be no further increases applicable to this determination.

Issued 2/22/2024, Effective 3/3/2024 until superseded.

This page will be updated when wage rate breakdown becomes available

Last Updated: March 3, 2024

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**Craft: Fire Safety and Miscellaneous Sealing**

**Determination:**

SC-3-5-4-2021-1

**Issue Date:**

August 22, 2021

**Expiration date of determination:**

August 31, 2022\* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Division of Labor Statistics and Research at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura counties.

**Wages and Employer Payments:**

Classification (Journey person)	Basic Hourly Rate <sup>d</sup>	Health and Welfare <sup>e</sup>	Pension	Vacation and Holiday	Other	Hours	Total Hourly Rate	Daily and Saturday Overtime Hourly Rate (1 ½ X) <sup>a</sup>	Sunday/ Holiday Overtime Hourly Rate (2 X)	Sunday/ Holiday Overtime Hourly Rate (3 X) <sup>b</sup>
Asbestos Worker, Fire Safety Technician – Class I (0-2000 hrs) <sup>c</sup>	\$19.60	\$10.01	\$0.00	\$0.90	\$0.05	8.0	\$30.56	\$40.36	\$50.16	\$69.76
Asbestos Worker, Fire Safety Technician – Class II (2001-4000 hrs) <sup>c</sup>	\$25.18	\$10.01	\$0.00	\$1.26	\$0.05	8.0	\$36.50	\$49.09	\$61.68	\$86.86
Asbestos Worker, Fire Safety Technician – Class III (4001-6000 hrs) <sup>c</sup>	\$27.73	\$10.01	\$8.12	\$1.33	\$0.05	8.0	\$47.24	\$61.105	\$74.97	\$102.70
Asbestos Worker, Fire Safety Technician – Class IV (6001 or more hrs) <sup>c</sup>	\$32.09	\$10.01	\$8.12	\$1.53	\$0.05	8.0	\$51.80	\$67.845	\$83.89	\$115.98

**Wages and Employer Payments (Shift):**

Classification (Journeyman) (Shift)	Basic Hourly Rate <sup>d</sup>	Health and Welfare <sup>e</sup>	Pension	Vacation and Holiday	Other	Hours	Total Hourly Rate	Daily and Saturday Overtime Hourly Rate (1 ½ X) <sup>f</sup>	Sunday/ Holiday Overtime Hourly Rate (2 X)	Sunday/ Holiday Overtime Hourly Rate (3 X) <sup>b</sup>
Asbestos Worker, Fire Safety Technician – Class I (0-2000 hrs) <sup>c</sup>	\$19.60	\$10.01	\$0.00	\$0.90	\$0.05	9	\$30.56	\$40.36	\$50.16	\$69.76
Asbestos Worker, Fire Safety Technician – Class II (2001-4000 hrs) <sup>c</sup>	\$25.18	\$10.01	\$0.00	\$1.26	\$0.05	9	\$36.50	\$49.09	\$61.68	\$86.86
Asbestos Worker, Fire Safety Technician – Class III (4001-6000 hrs) <sup>c</sup>	\$27.73	\$10.01	\$8.12	\$1.33	\$0.05	9	\$47.24	\$61.105	\$74.97	\$102.70
Asbestos Worker, Fire Safety Technician – Class IV (6001 or more hrs) <sup>c</sup>	\$32.09	\$10.01	\$8.12	\$1.53	\$0.05	9	\$51.80	\$67.845	\$83.89	\$115.98

NOT FOR BIDD

**Determination:**

SC-204-X-18-2023-1

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

August 31, 2024\* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura counties.

**Wages and Employer Payments:**

Classification (Journey person)	Basic Hourly Rate <sup>d</sup>	Health and Welfare	Pension	Vacation and Holiday <sup>h</sup>	Training	Other	Hours	Total Hourly Rate	Daily and Saturday Overtime Hourly Rate (1 ½ X) <sup>i</sup>	Sunday/ Holiday Overtime Hourly Rate (2 X)	Sunday/ Holiday Overtime Hourly Rate (3 X) <sup>b</sup>
Plumber, Fire Safety Technician – Class I (0-2000 hrs) <sup>c</sup>	\$23.47	\$8.45	\$0.00	\$0.00	\$0.10	\$1.85	8.0	\$33.87	\$45.605	\$57.34	\$80.81
Plumber, Fire Safety Technician – Class II (2001-4000 hrs) <sup>c</sup>	\$30.05	\$8.45	\$0.00	\$0.00	\$0.10	\$1.85	8.0	\$40.45	\$55.475	\$69.815	\$98.495
Plumber, Fire Safety Technician – Class III (4001-6000 hrs) <sup>c</sup>	\$33.57	\$8.45	\$7.77	\$0.00	\$0.10	\$1.85	8.0	\$51.74	\$68.525	\$84.375	\$116.075
Plumber, Fire Safety Technician – Class IV (6001 or more hrs) <sup>c</sup>	\$38.60	\$8.45	\$7.77	\$0.00	\$0.10	\$1.85	8.0	\$56.77	\$76.07	\$93.935	\$129.665

**Wages and Employer Payments (Shift):**

Classification (Journeyman) (Shift)	Basic Hourly Rate <sup>d</sup>	Health and Welfare	Pension	Vacation and Holiday <sup>h</sup>	Training	Other	Hours	Total Hourly Rate	Daily and Saturday Overtime Hourly Rate (1 ½ X) <sup>i</sup>	Sunday/ Holiday Overtime Hourly Rate (2 X)	Sunday/ Holiday Overtime Hourly Rate (3 X) <sup>b</sup>
Plumber, Fire Safety Technician – Class I (0-2000 hrs) <sup>c</sup>	\$24.64	\$8.45	\$0.00	\$0.00	\$0.10	\$1.85	8.0	\$35.04	\$47.36	\$59.68	\$84.32
Plumber, Fire Safety Technician – Class II (2001-4000 hrs) <sup>c</sup>	\$31.48	\$8.45	\$0.00	\$0.00	\$0.10	\$1.85	8.0	\$41.88	\$57.62	\$72.675	\$102.785
Plumber, Fire Safety Technician – Class III (4001-6000 hrs) <sup>c</sup>	\$35.16	\$8.45	\$7.77	\$0.00	\$0.10	\$1.85	8.0	\$53.33	\$70.91	\$87.555	\$120.845
Plumber, Fire Safety Technician – Class IV (6001 or more hrs) <sup>c</sup>	\$40.39	\$8.45	\$7.77	\$0.00	\$0.10	\$1.85	8.0	\$58.56	\$78.755	\$97.515	\$135.035

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

<sup>a</sup> Rate applies to the first 2 daily overtime hours and the first 8 hours worked on Saturday. All other overtime is at the Sunday & Holiday rate.

<sup>b</sup> No work shall be performed on Labor Day, except in special cases of extreme emergency and then only when triple (3) times is paid.

<sup>c</sup> The 1st man on a job site shall be a Class IV Fire Safety Technician. A Class IV must be on a job site at all times.

<sup>d</sup> Includes an amount per hour worked for Administrative Dues.

<sup>e</sup> Includes an amount for Occupational Health and Research.

<sup>f</sup> Rate applies to the first 2.5 daily overtime hours on the 2nd shift; first 3 daily overtime hours on the 3rd shift; and the first 7.5 hours (2nd shift) and first 7 hours (3rd shift) worked on Saturday. All other overtime is at the Sunday & Holiday rate.

<sup>g</sup> When 2 or 3 shifts are employed, the 2nd shift shall work 7.5 hours for 8 hours pay; the 3rd shift shall work 7 hours for 8 hours pay.

<sup>h</sup> Vacation/Holiday is included in the Basic Hourly Rate (no Vacation/Holiday amount for Class I Technician only) and shall be paid at time and one half for all overtime hours.

<sup>i</sup> Rate applies to the first 2 daily overtime hours and the first 10 hours worked on Saturday. All other overtime is at the Sunday & Holiday rate.

NOT FOR BID

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**Craft: Gunite Worker (Laborer)**

**Determination:**

SC-102-345-1-2023-1

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura counties.

**Wages and Employer Payments:**

Classification (Journeyman)	Basic Hourly Rate <sup>a</sup>	Health and Welfare	Pension	Vacation and Holiday <sup>b</sup>	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) <sup>c</sup>	Daily Overtime Hourly Rate (2 X)	Saturday Overtime Hourly Rate (1 ½ X) <sup>d e</sup>	Saturday Overtime Hourly Rate (2 X) <sup>e</sup>	Sunday/ Holiday Overtime Hourly Rate (2 X)
Ground Wire Man, Nozzleman, Rodman	\$51.10	\$8.95	\$8.80	\$6.35	\$0.09	8.0	\$75.29	\$100.84	\$126.39	\$100.84	\$126.39	\$126.39
Gunman	\$50.15	\$8.95	\$8.80	\$6.35	\$0.09	8.0	\$74.34	\$99.415	\$124.49	\$99.415	\$124.49	\$124.49
Reboundman	\$46.61	\$8.95	\$8.80	\$6.35	\$0.09	8.0	\$70.80	\$94.105	\$117.41	\$94.105	\$117.41	\$117.41
Entry-Level Gunite Worker Step 1 <sup>f</sup> (0-1000 hours)	\$33.46	\$5.88	\$8.80	\$6.35	\$0.06	8.0	\$54.55	\$71.28	\$88.01	\$71.28	\$88.01	\$88.01
Entry-Level Gunite Worker Step 2 <sup>f</sup> (1001- 2000 hours)	\$35.46	\$5.88	\$8.80	\$6.35	\$0.06	8.0	\$56.55	\$74.28	\$92.01	\$74.28	\$92.01	\$92.01

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

<sup>a</sup> Employees working from a Bos'n's Chair or suspended from a rope or cable shall receive \$0.40/hour above this rate.

<sup>b</sup> Includes an amount per hour worked for Supplemental Dues.

<sup>c</sup> Rate applies to the first 3 overtime hours.

<sup>d</sup> Rate applies to the first 11 overtime hours.

<sup>e</sup> In the event it is not reasonably possible to complete forty (40) hours of work on an eight (8) hour day shift, Monday through Friday, then the balance of the forty (40) hours may be worked on Saturday at the straight time rate.

<sup>f</sup> Ratio is one Entry-Level Gunitite Worker for the 1st 4 Journeymen on the job (although the Entry-Level Gunitite Worker may be the 2nd worker on the job) and 1 Entry-Level Gunitite Worker for every 4 Journeymen thereafter (the Entry-Level Gunitite Worker may not be on the job until after all 4 Journeymen are on the job).

## PREDETERMINED INCREASE

### **CRAFT:**

Gunite Worker (Laborer)

### **CLASSIFICATIONS:**

Ground Wire Man, Nozzleman, Rodman, Gunman, and Reboundman

Entry Level Gunite Worker – Step I (0-1000 Hours)

Entry Level Gunite Worker – Step II (1001-2000 Hours)

### **DETERMINATION:**

SC-102-345-1-2023-1

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura Counties.

This predetermined increase for the above-named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after September 1, 2023, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **GUNITE WORKER (LABORER): Ground Wire Man, Nozzleman, Rodman, Gunman, and Reboundman**

Determination SC-102-345-1-2023-1 is currently in effect and expires on June 30, 2024\*\*.

Effective July 1, 2024, there will be an increase of \$3.30 to be allocated as follows: \$2.38 to Basic Hourly Rate, \$0.30 to Health & Welfare, \$0.50 to Pension, and \$0.12 to Other.

Effective July 1, 2025, there will be an increase of \$3.40 to be allocated to wages and/or employer payments.

There will be no further increases applicable to this determination.

### **GUNITE WORKER (LABORER): Entry Level Gunite Worker – Step I and Step II**

Determination SC-102-345-1-2023-1 is currently in effect and expires on June 30, 2024\*\*.

Effective July 1, 2024, there will be an increase of \$3.30 to be allocated as follows: \$2.38 to Basic Hourly Rate, \$0.30 to Health & Welfare, \$0.50 to Pension, and \$0.12 to Other.

Effective July 1, 2025, there will be an increase of \$3.40 to be allocated to wages and/or employer payments.

There will be no further increases applicable to this determination.

Issued 8/22/2023, Effective 9/1/2023 until superseded.

This page will be updated when wage rate breakdown information becomes available.

Last Updated: June 11, 2024.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**Craft: Horizontal Directional Drilling (Laborer)#**

**Determination:**

SC-102-1184-1-2023-1

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura Counties.

**Wages and Employer Payments:**

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>a</sup>	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Saturday Overtime Hourly Rate (1 ½ X) <sup>b</sup>	Sunday/ Holiday Overtime Hourly Rate (2 X)
Group 1 (Drilling Crew Laborer)	\$42.84	\$8.95	\$7.97	\$3.55	\$0.41	\$1.08	8	\$64.80	\$86.22	\$86.22	\$107.64
Group 2 (Vehicle Operator/ Hauler)	\$43.01	\$8.95	\$7.97	\$3.55	\$0.41	\$1.08	8	\$64.97	\$86.475	\$86.475	\$107.98
Group 3 (Horizontal Directional Drill Operator)	\$44.86	\$8.95	\$7.97	\$3.55	\$0.41	\$1.08	8	\$66.82	\$89.25	\$89.25	\$111.68
Group 4 (Electronic Tracking Locator, Subsurface Imaging Laborer)	\$46.86	\$8.95	\$7.97	\$3.55	\$0.41	\$1.08	8	\$68.82	\$92.25	\$92.25	\$115.68

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the

[Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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# Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

<sup>a</sup> Includes an amount for Supplemental Dues.

<sup>b</sup> In the event, due to inclement weather, major equipment breakdown, or similar Act of God, it is not reasonably possible to complete forty (40) hours of work Monday through Friday, then the balance of the forty (40) hours may be worked on Saturday at the straight-time rate.

NOT FOR BIDDING

## **PREDETERMINED INCREASE**

### **CRAFT/CLASSIFICATION:**

Horizontal Directional Drilling (Laborer)

### **DETERMINATION:**

SC-102-1184-1-2023-1

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura Counties.

This predetermined increase for the above named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after September 1, 2023, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **HORIZONTAL DIRECTIONAL DRILLING (Laborer): All Classifications**

Determination SC-102-1184-1-2023-1 is currently in effect and expires on June 30, 2024\*\*.

Effective July 1, 2024, there will be an increase of \$3.30 to be allocated to wages and/or employer payments.

Effective July 1, 2025, there will be an increase of \$3.40 to be allocated to wages and/or employer payments.

There will be no further increases applicable to this determination.

Issued 8/22/2023, Effective 9/1/2023 until superseded.

This page will be updated when wage rate breakdown information becomes available.

Last Updated: September 1, 2023

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**Craft: Housemover (Laborer)**

**Determination:**

SC-102-507-1-2023-1

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

**Wages and Employer Payments:**

Classification (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>a</sup>	Training	Other <sup>b</sup>	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) <sup>c</sup>	Saturday Overtime Hourly Rate (1 ½ X) <sup>c</sup> <sup>d</sup>	Sunday/ Holiday Overtime Hourly Rate (2 X)
Housemover	\$41.43	\$8.95	\$11.62	\$5.02	\$0.75	\$0.57	8.0	\$68.34	\$89.055	\$89.055	\$109.77

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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<sup>a</sup> Includes Supplemental Dues contribution.

<sup>b</sup> Include an amount for Contract Administration Fund (\$0.07), Contract Compliance Trust Fund (\$0.30), Industry Fund (\$0.08), and Laborers Trusts' Administrative Trust Fund (\$0.06).

<sup>c</sup> Any hours over 12 hours in a single workday are double time.

<sup>d</sup> If the employee is unable to complete the forty (40) hours during the normal workweek, Monday through Friday, due to inclement weather or a situation beyond the employers control, then the balance of the forty (40) hours may be worked on Saturday at the straight-time rate in the same workweek.

NOT FOR BID

## PREDETERMINED INCREASE

**CRAFT/CLASSIFICATION:**

Housemover (Laborer)

**DETERMINATION:**

SC-102-507-1-2023-1

**LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

This predetermined increase for the above named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after September 1, 2023, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

**HOUSEMOVER:**

Determination SC-102-507-1-2023-1 is currently in effect and expires on June 30, 2024\*\*.

Effective July 1, 2024, there will be an increase of \$3.30 to be allocated as follows: \$2.50 to the Basic Hourly Rate, \$0.30 to Health/Welfare, \$0.45 to Pension, and \$0.05 to Training.

Effective July 1, 2025, there will be an increase of \$3.40 to be allocated to wages and/or fringes.

There will be no further increase applicable to this determination.

Issued 8/22/2023, Effective 9/1/2023 until superseded.

This page will be updated when wage rate breakdown information becomes available.

Last Updated: May 23, 2024

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**Craft: Laborer and Related Classifications #**

**Determination:**

SC-23-102-2-2023-1

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

**Wages and Employer Payments:**

Classification <sup>a</sup> (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>b</sup>	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X) <sup>c</sup>	Saturday Overtime Hourly Rate (1 ½ X) <sup>cd</sup>	Sunday/Holiday Overtime Hourly Rate (2 X)
Group 1	\$41.38	\$8.95	\$11.62	\$5.02	\$0.75	\$0.67	8.0	\$68.39	\$89.080	\$89.080	\$109.770
Group 2	\$41.93	\$8.95	\$11.62	\$5.02	\$0.75	\$0.67	8.0	\$68.94	\$89.905	\$89.905	\$110.870
Group 3	\$42.48	\$8.95	\$11.62	\$5.02	\$0.75	\$0.67	8.0	\$69.49	\$90.730	\$90.730	\$111.970
Group 4	\$44.03	\$8.95	\$11.62	\$5.02	\$0.75	\$0.67	8.0	\$71.04	\$93.055	\$93.055	\$115.070
Group 5	\$44.38	\$8.95	\$11.62	\$5.02	\$0.75	\$0.67	8.0	\$71.39	\$93.580	\$93.580	\$115.770

**Group 1**

Boring Machine Helper (Outside)  
 Certified Confined Space Laborer  
 Cleaning and Handling of Panel Forms  
 Concrete Screeding for Rough Strike-Off  
 Concrete, Water Curing  
 Demolition Laborer, the cleaning of brick if performed by an employee performing any other phase of demolition work, and the cleaning of lumber  
 Fiberoptic Installation, Blowing, Splicing, and Testing Technician on public right-of-way only  
 Fire Watcher, Limbers, Brush Loaders, Pilers and Debris Handlers  
 Flagman  
 Gas, Oil and/or Water Pipeline Laborer  
 Laborer, Asphalt-Rubber Material Loader  
 Laborer, General or Construction  
 Laborer, General Cleanup  
 Laborer, Jetting  
 Laborer, Temporary Water and Air Lines  
 Plugging, Filling of Shee-Bolt Holes; Dry Packing of Concrete and Patching  
 Post Hole Digger (Manual)  
 Railroad Maintenance, Repair Trackman and Road Beds; Streetcar and Railroad Construction Track Laborers  
 Rigging and Signaling  
 Scaler  
 Slip Form Raisers  
 Tarman and Mortar Man  
 Tool Crib or Tool House Laborer  
 Traffic Control by any method  
 Water Well Driller Helper  
 Window Cleaner  
 Wire Mesh Pulling - All Concrete Pouring Operations

**Group 2**

Asphalt Shoveler  
 Cement Dumper (on 1 yard or larger mixer and handling bulk cement)  
 Cesspool Digger and Installer  
 Chucktender  
 Chute Man, pouring concrete, the handling of the chute from readymix trucks, such as walls, slabs, decks,

floors, foundations, footings, curbs, gutters and sidewalks  
 Concrete Curer-Impervious Membrane and Form Oiler  
 Cutting Torch Operator (Demolition)  
 Fine Grader, Highways and Street Paving, Airport, Runways, and similar type heavy construction  
 Gas, Oil and/or Water Pipeline Wrapper-Pot Tender and Form Man  
 Guinea Chaser  
 Headerboard Man-Asphalt  
 Installation of all Asphalt Overlay Fabric and Materials used for Reinforcing Asphalt  
 Laborer, Packing Rod Steel and Pans  
 Membrane Vapor Barrier Installer  
 Power Broom Sweepers (small)  
 Riprap, Stonepaver, placing stone or wet sacked concrete  
 Roto Scraper and Tiller  
 Sandblaster (Pot Tender)  
 Septic Tank Digger and Installer (leadman)  
 Tank Scaler and Cleaner  
 Tree Climber, Faller, Chain Saw Operator, Pittsburgh Chipper and similar type Brush Shredders  
 Underground Laborer, including Caisson Bellower

**Group 3**

Asphalt Installation of all fabrics  
 Buggymobile Man  
 Compactor (all types including Tampers, Barko, Wacker)  
 Concrete Cutting Torch  
 Concrete Pile Cutter  
 Driller, Jackhammer, 2 1/2 ft. drill steel or longer  
 Dri Pak-it Machine  
 Gas, Oil and/or Water Pipeline Wrapper - 6-inch pipe and over by any method, inside and out  
 Impact Wrench, Multi-Plate  
 Kettlemen, Potmen and Men applying asphalt, lay-kold, creosote, lime caustic and similar type materials  
 Laborer, Fence Erector  
 Material Hoseman (Walls, Slabs, Floors and Decks)  
 Operators of Pneumatic, Gas, Electric Tools, Vibrating Machines, Pavement Breakers, Air Blasting, Come-

Alongs, and similar mechanical tools not separately classified herein; operation of remote controlled robotic tools in connection with Laborers work  
 Pipelayer's backup man, coating, grouting, making of joints, sealing, caulking, diapering and including rubber gasket joints, pointing and any and all other services  
 Power Post Hole Digger  
 Rock Slinger  
 Rotary Scarifier or Multiple Head Concrete Chipping Scarifier  
 Steel Headerboard Man and Guideline Setter  
 Trenching Machine, Hand Propelled

**Group 4**

Any Worker Exposed to Raw Sewage  
 Asphalt Raker, Luteman, Ironer, Asphalt Dumpman, and Asphalt Spreader Boxes (all types)  
 Concrete Core Cutter (walls, floors or ceilings), Grinder or Sander  
 Concrete Saw Man, Cutting Walls or Flat Work, Scoring old or new concrete  
 Cribber, Shorer, Lagging, Sheeting and Trench Bracing, Hand-Guided Lagging Hammer  
 Head Rock Slinger  
 High Scaler (including drilling of same)  
 Laborer, Asphalt-Rubber Distributor Bootman  
 Laser Beam in connection with Laborer's work  
 Oversize Concrete Vibrator Operator, 70 pounds and over  
 Pipelayer  
 Prefabricated Manhole Installer  
 Sandblaster (Nozzlemann), Water Blasting, Porta Shot-Blast  
 Subsurface Imaging Laborer  
 Traffic Lane Closure, certified

**Group 5**

Blasters Powderman  
 Driller  
 Toxic Waste Removal  
 Welding, certified or otherwise in connection with Laborers' work

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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# Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

<sup>a</sup> For classification within each group, see next page.

<sup>b</sup> Includes an amount per hour worked for supplemental dues.

<sup>c</sup> Any hours worked over 12 hours in a single workday are double (2) time.

<sup>d</sup> Saturdays in the same work week may be worked at straight-time if job is shut down during work week due to inclement weather or similar Act of God, or a situation beyond the employer's control.

## **PREDETERMINED INCREASE**

### **CRAFT:**

Laborer and Related Classifications

### **DETERMINATION:**

SC-23-102-2-2023-1

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

This predetermined increase for the above named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after September 1, 2023, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **LABORER**

Determination SC-23-102-2-2023-1 is currently in effect and expires on June 30, 2024\*\*.

Effective July 1, 2024, there will be an increase of \$3.30 to be allocated as follows \$2.50 to Basic Hourly Rate, \$0.30 to Health/Welfare, \$0.45 to Pension and \$0.05 to Training.

Effective July 1, 2025, there will be an increase of \$3.40 to be allocated to wages and/or fringes.

There will be no further increases applicable to this determination.

Issued 8/22/2023, Effective 9/1/2023 until superseded.

This page will be updated when wage rate breakdown information becomes available.

Last Updated: June 10, 2024

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**Craft: Landfill Worker (Operating Engineer)**

**Determination:**

SC-63-12-41-2023-2

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura Counties.

**Wages and Employer Payments:**

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare <sup>a</sup>	Pension	Vacation and Holiday <sup>b</sup>	Hours	Total Hourly Rate <sup>c</sup>	Daily/Holiday Overtime Hourly Rate (1 ½ X) <sup>d</sup>	Sunday Overtime Hourly Rate (2 X)
Heavy Duty Repairman and/or Welder	\$37.05	\$6.25	\$9.65	\$0.71 <sup>e</sup>	8.0	\$53.66	\$65.225	\$83.750
Equipment Operator II	\$29.75	\$6.11	\$9.65	\$0.57 <sup>f</sup>	8.0	\$46.08	\$54.275	\$69.150
Equipment Operator III	\$30.75	\$6.13	\$9.65	\$0.59 <sup>g</sup>	8.0	\$47.12	\$55.775	\$71.150
PM Tech	\$26.40	\$6.05	\$9.65	\$0.51 <sup>h</sup>	8.0	\$42.61	\$49.250	\$62.450
Laborer/Spotter	\$19.60	\$5.92	\$4.07	\$0.38 <sup>i</sup>	8.0	\$29.97	\$33.470	\$43.270

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

<sup>a</sup> Includes amounts for Sick Leave and Health Insurance that apply to the first 173.33 hours worked per month.

<sup>b</sup> This amount applies to the first 173.33 hours worked per month.

<sup>c</sup> Computation is based on the first year of employment. This rate should be increased by any applicable vacation increase as stated in the other footnotes.

<sup>d</sup> Rate applies to all hours worked in excess of forty (40) hours in a workweek or in excess of eight (8) hours in any one day. Rate also applies to sixth consecutive day of work. For any daily hours worked in excess of twelve (12) hours, the Sunday overtime rate would apply.

<sup>e</sup> \$1.43 after 2 years of service; \$2.14 after 5 years of service.

<sup>f</sup> \$1.14 after 2 years of service; \$1.72 after 5 years of service.

<sup>g</sup> \$1.18 after 2 years of service; \$1.77 after 5 years of service.

<sup>h</sup> \$1.02 after 2 years of service; \$1.52 after 5 years of service.

<sup>i</sup> \$0.75 after 2 years of service; \$1.13 after 5 years of service.

NOT FOR BIDDING

## PREDETERMINED INCREASE

### **CRAFT/CLASSIFICATION:**

Landfill Worker (Operating Engineer)

### **DETERMINATION:**

SC-63-12-41-2023-2

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura Counties

This predetermined increase for the above named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after September 1, 2023, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **Landfill Worker (Operating Engineer) – Heavy Duty Repairman and/or Welder, Equipment Operator II, Equipment Operator III, and PM Tech**

Determination SC-63-12-41-2023-2 is currently in effect and expires on June 30, 2024\*\*.

Effective July 1, 2024, there will be an increase of \$0.75 to be allocated to wages and/or fringes.

Effective July 1, 2025, there will be an increase of \$0.75 to be allocated to wages and/or fringes.

There will be no further increases applicable to this determination.

### **Landfill Worker (Operating Engineer) – Laborer/Spotter**

Determination SC-63-12-41-2023-2 is currently in effect and expires on June 30, 2024\*\*.

Effective July 1, 2024, there will be an increase of \$0.60 to be allocated to wages and/or fringes.

Effective July 1, 2025, there will be an increase of \$0.60 to be allocated to wages and/or fringes.

There will be no further increases applicable to this determination.

Issued 8/22/2023, effective 9/1/2023 until superseded.

This page will be updated when wage rate breakdown becomes available.

Last Updated: September 1, 2023.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773, AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**Craft: LANDSCAPE/IRRIGATION LABORER/TENDER#**

**Determination:**

SC-102-X-14-2024-1

**Issue Date:**

February 22, 2024

**Expiration date of determination:**

July 31, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura Counties.

**Wages and Employer Payments:**

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>a</sup>	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate <sup>b</sup> (1 ½ X)	Saturday Overtime Hourly Rate <sup>b,c</sup> (1 ½ X)	Sunday/Holiday Overtime Hourly Rate (2 X)
Landscape/Irrigation Laborer	\$39.57	\$8.95	\$11.62	\$5.02	\$0.75	\$0.50	8.0	\$66.41	\$86.195	\$86.195	\$105.98
Landscape Hydro Seeder	\$40.67	\$8.95	\$11.62	\$5.02	\$0.75	\$0.50	8.0	\$67.51	\$87.845	\$87.845	\$108.18

**Determination:**

SC-102-X-14-2024-1A

**Issue Date:**

February 22, 2024

**Expiration date of determination:**

July 31, 2024\* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for new rates after 10 days from the expiration date if no subsequent determination is issued.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura Counties.

**Wages and Employer Payments:**

Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>a</sup>	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate <sup>b</sup> (1 ½ X)	Saturday Overtime Hourly Rate <sup>b,c</sup> (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Landscape/Irrigation Tender <sup>d</sup>	\$20.80	\$3.60	\$2.19	\$1.18	\$0.00	\$0.00	8.0	\$27.77	\$38.170	\$38.170	\$48.570

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

<sup>a</sup> Includes an amount per hour worked for Supplemental Dues.

<sup>b</sup> Rate applies to first 4 daily overtime hours and the first 12 hours on Saturday. All other time is paid at the Sunday and Holiday double-time rate.

<sup>c</sup> Saturdays in the same work week may be worked at straight-time if adverse weather or jobsite ground conditions require that the job be shut down for one or more workdays during the regular workweek.

<sup>d</sup> The first employee on the jobsite shall be a Landscape/Irrigation Laborer; the second employee on the jobsite must be an Apprentice or a Landscape/Irrigation Laborer; and the third and fourth employees may be Tenders. The fifth employee on the jobsite shall be a Landscape/Irrigation Laborer; the sixth employee must be an Apprentice or a Landscape/Irrigation Laborer; and the seventh and eight employees may be Tenders. Thereafter, Tenders may be employed with Landscape/Irrigation Laborers in a 50/50 ratio on each jobsite. However, plant establishment may be performed exclusively by Landscape/Irrigation Tenders without the supervision of a Journeyman.

## **PREDETERMINED INCREASE**

### **CRAFT:**

Landscape/Irrigation Laborer/Tender

### **CLASSIFICATIONS:**

Landscape /Irrigation Laborer, Landscape Hydro Seeder, Landscape/Irrigation Tender

### **DETERMINATIONS:**

SC-102-X-14-2024-1 and SC-102-X-14-2024-1A

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura Counties

This predetermined increase for the above-named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after March 3, 2024, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **LANDSCAPE/IRRIGATION LABORER AND LANDSCAPE HYDRO SEEDER**

Determination SC-102-X-14-2024-1 is currently in effect and expires on July 31, 2024\*\*.

Effective August 1, 2024, there will be an increase of \$3.30 to be allocated to wages and/or fringes.

Effective August 1, 2025, there will be an increase of \$3.40 to be allocated to wages and/or fringes.

There will be no further increases applicable to this determination.

### **LANDSCAPE/IRRIGATION TENDER**

Determination SC-102-X-14-2024-1A is currently in effect and expires on July 31, 2024\*.

There are no predetermined increases applicable to this determination.

Issued 2/22/2024, Effective 3/3/2024 until superseded.

This page will be updated when wage rate breakdown information becomes available.

Last Updated: March 3, 2024

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

**Craft: Landscape Maintenance Laborer**

(Applies Only to Routine Landscape Maintenance Work, Not New Landscape Construction) <sup>a</sup>

**Determination:**

SC-LML-2024-1

**Issue Date:**

February 22, 2024

**Expiration date of determination:**

March 31, 2024\* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

**Wages and Employer Payments:**

Locality	Basic Hourly Rate	Health and Welfare	Pension	Vacation	Holiday	Training	Hours	Total Hourly Rate	Overtime Hourly Rate (1 ½ X)
Imperial	\$16.00	\$0.00	\$0.00	\$0.115 <sup>b</sup>	\$0.17	\$0.00	8.0	\$16.285 <sup>c</sup>	\$24.285 <sup>c</sup>
Inyo, Mono and San Bernardino	\$16.00	\$0.00	\$0.00	\$0.30	\$0.17	\$0.00	8.0	\$16.47	\$24.47
Kern	\$16.00	\$0.00	\$0.00	\$0.16 <sup>d</sup>	\$0.17	\$0.00	8.0	\$16.33 <sup>c</sup>	\$24.33 <sup>c</sup>
	\$16.00	\$0.00	\$0.00	\$0.27 <sup>e</sup>	\$0.46	\$0.00	8.0	\$16.73 <sup>c</sup>	\$24.73 <sup>c</sup>
Los Angeles	\$16.00	\$0.89	\$0.00	\$0.115 <sup>f</sup>	\$0.14	\$0.00	8.0	\$17.145 <sup>c</sup>	\$25.145 <sup>c</sup>
Orange	\$16.00	\$0.00	\$0.00	\$0.11 <sup>g</sup>	\$0.11	\$0.00	8.0	\$16.22 <sup>c</sup>	\$24.22 <sup>c</sup>
Riverside	\$16.00	\$0.00	\$0.00	\$0.20 <sup>h</sup>	\$0.16	\$0.00	8.0	\$16.36 <sup>c</sup>	\$24.36 <sup>c</sup>
San Diego	\$16.00	\$0.00	\$0.00	\$0.22	\$0.115	\$0.00	8.0	\$16.335	\$24.335
	\$16.00	\$0.00	\$0.00	\$0.24	\$0.12	\$0.00	8.0	\$16.36	\$24.36
San Luis Obispo	\$16.00	\$0.00	\$0.00	\$0.15 <sup>i</sup>	\$0.15	\$0.00	8.0	\$16.30	\$24.30
	\$16.00	\$0.00	\$0.00	\$0.16 <sup>j</sup>	\$0.16	\$0.00	8.0	\$16.32	\$24.32
Santa Barbara	\$16.00	\$0.00	\$0.00	\$0.12 <sup>k</sup>	\$0.12	\$0.00	8.0	\$16.24 <sup>c</sup>	\$24.24 <sup>c</sup>
	\$16.00	\$0.00	\$0.00	\$0.13 <sup>l</sup>	\$0.13	\$0.00	8.0	\$16.26 <sup>c</sup>	\$24.26 <sup>c</sup>
Ventura	\$16.00	\$0.00	\$0.00	\$0.115	\$0.16	\$0.00	8.0	\$16.275	\$24.275
	\$16.00	\$2.97	\$0.00	\$0.19 <sup>m</sup>	\$0.26	\$0.00	8.0	\$19.42 <sup>c</sup>	\$27.42 <sup>c</sup>

**NOTE:**

If there are two rates, the first rate is for routine work, the second rate is for complex work.

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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<sup>a</sup> This determination does not apply to work of a landscape laborer employed on landscape construction (work incidental to construction or post-construction maintenance during the plant installation and establishment period). The following is a description of the landscape work cover under this determination:

**ROUTINE** – mowing, watering, pruning, trimming, weeding, spraying, occasional planting and replacement of plants and janitorial work incidental to such landscape maintenance.

**COMPLEX** – servicing of irrigation and sprinkler systems, repairing of equipment use in such landscape maintenance.

<sup>b</sup> \$0.22 after 3 years of service.

<sup>c</sup> Computation is based on the first years of employment. This rate should be increased by any applicable vacation increase as stated in other footnotes.

<sup>d</sup> \$0.31 after 2 years of service.

<sup>e</sup> \$0.54 after 2 years of service: \$0.81 after 3 years of service.

<sup>f</sup> \$0.24 after 3 years of service: \$0.37 after 7 years of service.

<sup>g</sup> \$0.22 after 4 years of service.

<sup>h</sup> \$0.40 after 3 years of service.

<sup>i</sup> \$0.29 after 2 years of service.

<sup>j</sup> \$0.31 after 2 years of service.

<sup>k</sup> \$0.23 after 2 years of service.

<sup>l</sup> \$0.27 after 2 years of service.

<sup>m</sup> \$0.38 after 3 years of service.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**Craft: Landscape Operating Engineer<sup>#</sup>**

**Determination:**

SC-63-12-33-2024-1

**Issue Date:**

February 22, 2024

**Expiration date of determination:**

October 31, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura Counties.

**Wages and Employer Payments:**

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension <sup>a</sup>	Vacation and Holiday <sup>b</sup>	Training	Other	Hours	Total Hourly Rate	Daily/ Saturday Overtime Hourly Rate <sup>c</sup> (1½ X)	Sunday Overtime Hourly Rate <sup>d</sup> (2X)	Holiday Overtime Hourly Rate <sup>d</sup> (3X)
Landscape Operating Engineer:  Backhoe Operators; Skidsteer; Forklifts-Tree Planting Equipment (jobsite); HDR Welder-Landscape, Irrigation, Operating Engineers' Equipment; Mulching Tractors; Roller Operators; Rubber-tired & Track Earthmoving Equipment; Skiploader Operators; Trencher-31 horsepower and up	\$48.01	\$12.85	\$13.15	\$3.85	\$1.05	\$0.15	8.0	\$80.56	\$104.565	\$128.570	\$176.58

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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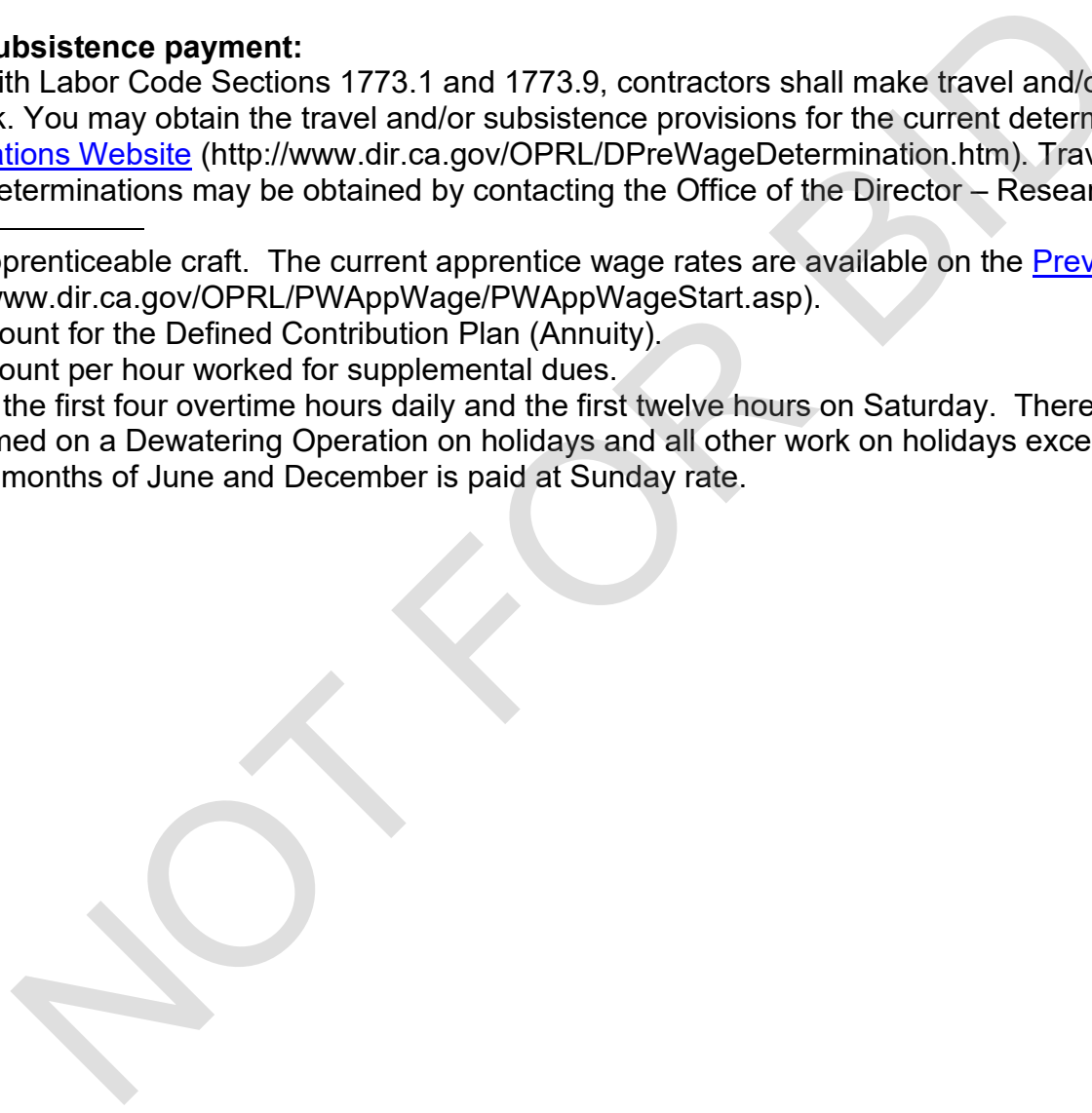
# Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

<sup>a</sup> Includes an amount for the Defined Contribution Plan (Annuity).

<sup>b</sup> Includes an amount per hour worked for supplemental dues.

<sup>c</sup> Rate applies to the first four overtime hours daily and the first twelve hours on Saturday. Thereafter use the Sunday overtime rate.

<sup>d</sup> All work performed on a Dewatering Operation on holidays and all other work on holidays except Labor Day and the 1st Saturday following the 1st Friday in the months of June and December is paid at Sunday rate.



## PREDETERMINED INCREASE

### **CRAFT/CLASSIFICATION:**

Landscape Operating Engineer

### **DETERMINATION:**

SC-63-12-33-2024-1

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura Counties.

This predetermined increase for the above named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after March 3, 2024, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **LANDSCAPE OPERATING ENGINEER: All Classifications**

Determination SC-63-12-33-2024-1 is currently in effect and will expire on October 31, 2024\*\*.

Effective on November 1, 2024, there will be an increase of \$4.00 to be allocated to wages and/or employer payments.

There will be no further increases applicable to this determination.

Issued 2/22/2024, Effective 3/3/2024 until superseded.

This page will be updated when wage rate breakdown information becomes available.

Last Updated: March 3, 2024

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**Craft: Light Fixture Maintenance**

**Determination:**

SC-830-61-1-2024-1

**Issue Date:**

February 22, 2024

**Expiration date of determination:**

March 31, 2024\* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

**Localities:**

All localities within **Riverside** County. For other counties please contact the Office of the Director – Research Unit prior to Bid Advertisement at (415) 703-4774.

**Wages and Employer Payments:**

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1½ X)	Saturday/Sunday Overtime Hourly Rate (1½ X)	Holiday Overtime Hourly Rate (2 X)
Lighting Maintenance Service Person	\$16.00	\$0.29	\$0.00	\$0.34	\$0.00	8.0	\$16.63	\$24.63	\$24.63	\$32.63

**Determination:**

SC-830-61-2-2024-1

**Issue Date:**

February 22, 2024

**Expiration date of determination:**

March 31, 2024\* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

**Localities:**

All localities within **San Bernardino** County. For other counties please contact the Office of the Director – Research Unit prior to Bid Advertisement at (415) 703-4774.

**Wages and Employer Payments:**

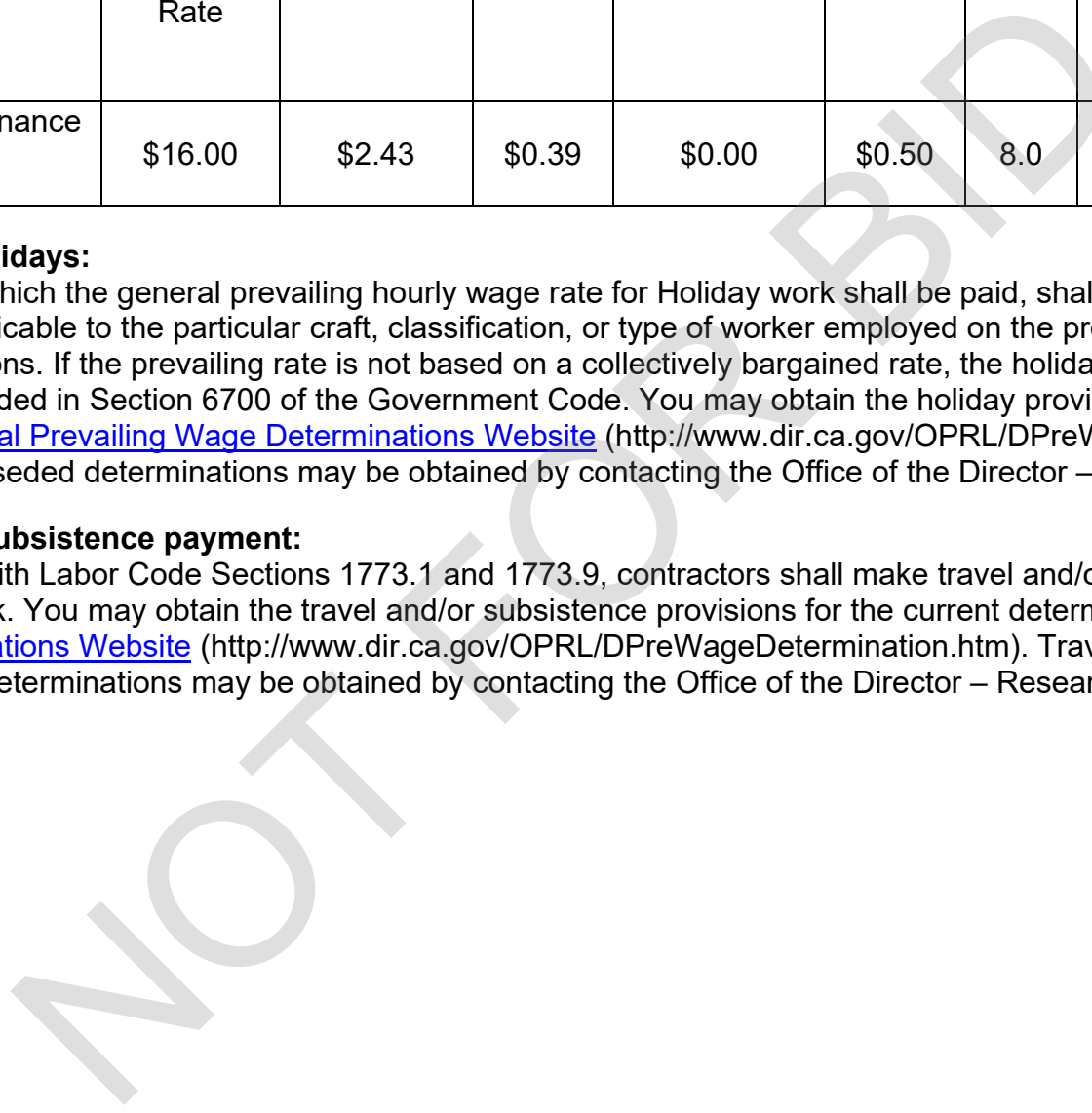
Classification	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Hours	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	Sunday/ Holiday Overtime Hourly Rate (1 ½ X)
Lighting Maintenance Service Person	\$16.00	\$2.43	\$0.39	\$0.00	\$0.50	8.0	\$19.32	\$27.32	\$27.32

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.



GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**Craft: Modular Furniture Installer (Carpenter)#**

**Determination:**

SC-23-31-16-2024-1

**Issue Date:**

February 22, 2024

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura Counties

**Wages and Employer Payments:**

Classification (Journeyman)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>a</sup>	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate <sup>b</sup> (1 ½ X)	6 <sup>th</sup> Workday Overtime Hourly Rate <sup>b</sup> (1 ½ X)	7 <sup>th</sup> Workday/ Holiday Overtime Hourly Rate (2 X)
Modular Installer: Installer	\$22.00	\$6.21	\$2.50	\$3.10	\$0.10	\$0.03	8.0	\$33.94	\$44.94	\$44.94	\$55.94
Modular Installer: Lead Installer	\$24.00	\$6.21	\$2.50	\$3.10	\$0.10	\$0.03	8.0	\$35.94	\$47.94	\$47.94	\$59.94

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

<sup>a</sup> Includes an amount for Supplemental Dues.

<sup>b</sup> Rate applies to the first 4 daily overtime hours and first 12 hours worked on a sixth (6<sup>th</sup>) consecutive day. All other daily overtime is paid the 7<sup>th</sup> Workday/Holiday rate.

NOT FOR BID

## **PREDETERMINED INCREASE**

### **CRAFT:**

Modular Furniture Installer (Carpenter)

### **DETERMINATION:**

SC-23-31-16-2024-1

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura Counties.

This predetermined increase for the above named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after March 3, 2024, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **MODULAR FURNITURE (CARPENTER)**

Determination SC-23-31-16-2024-1 is currently in effect and expires on June 30, 2024\*\*.

Effective on July 1, 2024, there will be an increase of \$1.50 to be allocated to wages and/or fringes.

There will be no further increases applicable to this determination.

Issued 2/22/2024, Effective 3/3/2024 until superseded.

This page will be updated when wage rate breakdown information becomes available.

Last Updated: March 3, 2024

GENERAL PREVAILING WAGE DETERMINATION MADE BY  
THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE  
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: OPERATING ENGINEER#**

**Determination:**

SC-23-63-2-2023-2

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

**Wages and total hourly rates (including employer payments):**

Classification <sup>a</sup> (Journeyman)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate <sup>b</sup> (1½ x)	Saturday Overtime Hourly Rate <sup>c</sup> (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group 1	\$55.90	8	\$88.71	\$116.660	\$116.660	\$144.610
Group 2	\$56.68	8	\$89.49	\$117.830	\$117.830	\$146.170
Group 3	\$56.97	8	\$89.78	\$118.265	\$118.265	\$146.750
Group 4	\$58.46	8	\$91.27	\$120.500	\$120.500	\$149.730
Group 6	\$58.68	8	\$91.49	\$120.830	\$120.830	\$150.170
Group 8	\$58.79	8	\$91.60	\$120.995	\$120.995	\$150.390
Group 10	\$58.91	8	\$91.72	\$121.175	\$121.175	\$150.630
Group 12	\$59.08	8	\$91.89	\$121.430	\$121.430	\$150.970
Group 13	\$59.18	8	\$91.99	\$121.580	\$121.580	\$151.170
Group 14	\$59.21	8	\$92.02	\$121.625	\$121.625	\$151.230
Group 15	\$59.29	8	\$92.10	\$121.745	\$121.745	\$151.390
Group 16	\$59.41	8	\$92.22	\$121.925	\$121.925	\$151.630
Group 17	\$59.58	8	\$92.39	\$122.180	\$122.180	\$151.970
Group 18	\$59.68	8	\$92.49	\$122.330	\$122.330	\$152.170
Group 19	\$59.79	8	\$92.60	\$122.495	\$122.495	\$152.390
Group 20	\$59.91	8	\$92.72	\$122.675	\$122.675	\$152.630
Group 21	\$60.08	8	\$92.89	\$122.930	\$122.930	\$152.970
Group 22	\$60.18	8	\$92.99	\$123.080	\$123.080	\$153.170
Group 23	\$60.29	8	\$93.10	\$123.245	\$123.245	\$153.390
Group 24	\$60.41	8	\$93.22	\$123.425	\$123.425	\$153.630
Group 25	\$60.58	8	\$93.39	\$123.680	\$123.680	\$153.970

**Employer Payments:**

Type of Fund	Amount per Hour
Health and Welfare	\$12.85
Pension <sup>d</sup>	\$14.65
Vacation and Holiday <sup>e</sup>	\$3.85
Training	\$1.05
Other	\$0.41

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY  
THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE  
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: OPERATING ENGINEER (SPECIAL SHIFT) #**

**Determination:**

SC-23-63-2-2023-2

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

**Wages and total hourly rates (including employer payments):**

Classification <sup>a</sup> (Journey person)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate <sup>b</sup> (1½ x)	Saturday Overtime Hourly Rate <sup>c</sup> (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group 1	\$56.90	8	\$89.71	\$118.160	\$118.160	\$146.610
Group 2	\$57.68	8	\$90.49	\$119.330	\$119.330	\$148.170
Group 3	\$57.97	8	\$90.78	\$119.765	\$119.765	\$148.750
Group 4	\$59.46	8	\$92.27	\$122.000	\$122.000	\$151.730
Group 6	\$59.68	8	\$92.49	\$122.330	\$122.330	\$152.170
Group 8	\$59.79	8	\$92.60	\$122.495	\$122.495	\$152.390
Group 10	\$59.91	8	\$92.72	\$122.675	\$122.675	\$152.630
Group 12	\$60.08	8	\$92.89	\$122.930	\$122.930	\$152.970
Group 13	\$60.18	8	\$92.99	\$123.080	\$123.080	\$153.170
Group 14	\$60.21	8	\$93.02	\$123.125	\$123.125	\$153.230
Group 15	\$60.29	8	\$93.10	\$123.245	\$123.245	\$153.390
Group 16	\$60.41	8	\$93.22	\$123.425	\$123.425	\$153.630
Group 17	\$60.58	8	\$93.39	\$123.680	\$123.680	\$153.970
Group 18	\$60.68	8	\$93.49	\$123.830	\$123.830	\$154.170
Group 19	\$60.79	8	\$93.60	\$123.995	\$123.995	\$154.390
Group 20	\$60.91	8	\$93.72	\$124.175	\$124.175	\$154.630
Group 21	\$61.08	8	\$93.89	\$124.430	\$124.430	\$154.970
Group 22	\$61.18	8	\$93.99	\$124.580	\$124.580	\$155.170
Group 23	\$61.29	8	\$94.10	\$124.745	\$124.745	\$155.390
Group 24	\$61.41	8	\$94.22	\$124.925	\$124.925	\$155.630
Group 25	\$61.58	8	\$94.39	\$125.180	\$125.180	\$155.970

**Employer Payments:**

Type of Fund	Amount per Hour
Health and Welfare	\$12.85
Pension <sup>d</sup>	\$14.65
Vacation and Holiday <sup>e</sup>	\$3.85
Training	\$1.05
Other	\$0.41

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY  
THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE  
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: OPERATING ENGINEER (MULTI-SHIFT)#**

**Determination:**

SC-23-63-2-2023-2

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

**Wages and total hourly rates (including employer payments):**

Classification <sup>a</sup> (Journey person)	Basic Hourly Rate	Hours <sup>f</sup>	Total Hourly Rate	Daily Overtime Hourly Rate <sup>b</sup> (1½ x)	Saturday Overtime Hourly Rate <sup>c</sup> (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group 1	\$56.90	8	\$89.71	\$118.160	\$118.160	\$146.610
Group 2	\$57.68	8	\$90.49	\$119.330	\$119.330	\$148.170
Group 3	\$57.97	8	\$90.78	\$119.765	\$119.765	\$148.750
Group 4	\$59.46	8	\$92.27	\$122.000	\$122.000	\$151.730
Group 5	\$59.56	8	\$92.37	\$122.150	\$122.150	\$151.930
Group 6	\$59.68	8	\$92.49	\$122.330	\$122.330	\$152.170
Group 7	\$59.78	8	\$92.59	\$122.480	\$122.480	\$152.370
Group 8	\$59.79	8	\$92.60	\$122.495	\$122.495	\$152.390
Group 9	\$59.89	8	\$92.70	\$122.645	\$122.645	\$152.590
Group 10	\$59.91	8	\$92.72	\$122.675	\$122.675	\$152.630
Group 11	\$60.01	8	\$92.82	\$122.825	\$122.825	\$152.830
Group 12	\$60.08	8	\$92.89	\$122.930	\$122.930	\$152.970
Group 13	\$60.18	8	\$92.99	\$123.080	\$123.080	\$153.170
Group 14	\$60.21	8	\$93.02	\$123.125	\$123.125	\$153.230
Group 15	\$60.29	8	\$93.10	\$123.245	\$123.245	\$153.390
Group 16	\$60.41	8	\$93.22	\$123.425	\$123.425	\$153.630
Group 17	\$60.58	8	\$93.39	\$123.680	\$123.680	\$153.970
Group 18	\$60.68	8	\$93.49	\$123.830	\$123.830	\$154.170
Group 19	\$60.79	8	\$93.60	\$123.995	\$123.995	\$154.390
Group 20	\$60.91	8	\$93.72	\$124.175	\$124.175	\$154.630
Group 21	\$61.08	8	\$93.89	\$124.430	\$124.430	\$154.970
Group 22	\$61.18	8	\$93.99	\$124.580	\$124.580	\$155.170
Group 23	\$61.29	8	\$94.10	\$124.745	\$124.745	\$155.390
Group 24	\$61.41	8	\$94.22	\$124.925	\$124.925	\$155.630

Classification <sup>a</sup> (Journey person)	Basic Hourly Rate	Hours <sup>f</sup>	Total Hourly Rate	Daily Overtime Hourly Rate <sup>b</sup> (1½ x)	Saturday Overtime Hourly Rate <sup>c</sup> (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group 25	\$61.58	8	\$94.39	\$125.180	\$125.180	\$155.970

**Employer Payments:**

Type of Fund	Amount per Hour
Health and Welfare	\$12.85
Pension <sup>d</sup>	\$14.65
Vacation and Holiday <sup>e</sup>	\$3.85
Training	\$1.05
Other	\$0.41

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Classifications:**

**Group 1**

Bargeman  
Brakeman  
Compressor Operator  
Ditchwitch, with seat or similar type equipment  
Elevator Operator - Inside  
Engineer Oiler  
Forklift Operator (includes loed, lull or similar types – under 5 tons)  
Generator Operator  
Generator, Pump or Compressor Plant Operator  
Heavy Duty Repairman Helper  
Inertial Profiler Operator  
Pump Operator  
Signalman  
Switchman

**Group 2**

Asphalt-Rubber Plant Operator (Nurse Tank Operator)  
Coil Tubing Rig Operator  
Concrete Mixer Operator – Skip Type  
Conveyor Operator  
Fireman  
Forklift Operator (includes loed, lull or similar types – over 5 tons)  
Hydrostatic Pump Operator  
Oiler Crusher (Asphalt or Concrete Plant)  
Petromat Laydown Machine  
PJU Side Dump Jack  
Rotary Drill Helper (Oilfield)  
Screening and Conveyor Machine Operator (or similar types)  
Skiploader (Wheel type up to ¾ yd. without attachment)  
Tar Pot Fireman  
Temporary Heating Plant Operator  
Trenching Machine Oiler

**Group 3**

Asphalt Rubber Blend Operator  
Bobcat or similar type (Skid Steer, with all attachments)  
Equipment Greaser (rack)  
Ford Ferguson (with dragtype attachments)  
Helicopter Radioman (ground)

Stationary Pipe Wrapping and Cleaning Machine Operator

**Group 4**

Asphalt Plant Fireman  
Backhoe Operator (mini-max or similar type)  
Boring Machine Operator  
Boring System Electronic Tracking Locator  
Boxman or Mixerman (asphalt or concrete)  
Chip Spreading Machine Operator  
Concrete Cleaning Decontamination Machine Operator  
Concrete Pump Operator (small portable)  
Drilling Machine Operator, Small Auger types (Texoma Super Economatic, or similar types – Hughes 100 or 200, or similar types – drilling depth of 30 maximum)  
Equipment Greaser (grease truck)  
Excavator Track/Rubber-Tired-with all attachments (Operating weight under 21,000 lbs)  
Guard Rail Post Driver Operator  
Highline Cableway Signalman  
Hydra-Hammer-Aero Stomper  
Hydraulic Casing Oscillator Operator – drilling depth of 30' maximum  
Micro Tunneling Operator (above ground tunnel)  
Power Concrete Curing Machine Operator  
Power Concrete Saw Operator  
Power – Driver Jumbo Form Setter Operator  
Power Sweeper Operator  
Rock Wheel Saw/Trencher  
Roller Operator (compacting)  
Screed Operator (asphalt or concrete)  
Trenching Machine Operator (up to 6 ft.)  
Vacuum or Muck Truck

**Group 5 (for multi-shift rate, see Pages 5 and 6)**

Equipment Greaser (Grease Truck/Multi-Shift)

**Group 6**

Articulating Material Hauler  
Asphalt Plant Engineer  
Batch Plant Operator  
Bit Sharpener  
Concrete Joint Machine Operator (canal and similar type)  
Concrete Placer Operator  
Concrete Planer Operator

Dandy Digger  
Deck Engine Operator  
Deck Engineer  
Derrickman (oilfield type)  
Drilling Machine Operator, Bucket or Auger types  
(Calweld 100 bucker or similar types – Watson  
1000 auger or similar types – Texoma 330, 500 or  
600 auger or similar types – drilling depth of 45'  
maximum)  
Drilling Machine Operator (including water wells)  
Forced Feed Loader  
Hydraulic Casing Oscillator Operator – drilling depth  
of 45' maximum  
Hydro Seeder Machine Operator (straw, pulp or seed)  
Jackson Track Maintainer, or similar type  
Kalamazoo Switch Tamper, or similar type  
Machine Tool Operator  
Maginnis Internal Full Slab Vibrator  
Mechanical Berm, Curb or Gutter (concrete or  
asphalt)  
Mechanical Finisher Operator (concrete, Clary-  
Johnson-Bidwell or similar)  
Micro Tunnel System Operator (below ground)  
Pavement Breaker Operator  
Railcar Mover  
Road Oil Mixing Machine Operator  
Roller Operator (asphalt or finish)  
Rubber-Tired Earthmoving Equipment (single  
engine, up to and including 25 yds. struck)  
Self-Propelled Tar Pipelining Machine Operator  
Skiploader Operator (crawler and wheel type, over  
 $\frac{3}{4}$  yds. and up to and including  $1\frac{1}{2}$  yds.)  
Slip Form Pump Operator (power driven hydraulic  
lifting device for concrete forms)  
Tractor Operator – Bulldozer, Tamper-Scraper  
(single engine, up to 100 H.P. flyweel and similar  
types, up to and including D-5 and similar types)  
Tugger Hoist Operator (1 drum)  
Ultra High Pressure Waterjet Cutting Tool System  
Operator  
Vacuum Blasting Machine Operator  
Volumetric Mixer Operator  
Welder - General

**Group 7 (for multi-shift rate, see Pages 5 and 6)**

Welder - General (Multi-Shift)

**Group 8**

Asphalt or Concrete Spreading Operator (tamping or  
finishing)  
Asphalt Paving Machine Operator (barber greene or  
similar type, one (1) Screedman)  
Asphalt-Rubber Distributor Operator  
Backhoe Operator (up to and including  $\frac{3}{4}$  yds.)  
small ford, case or similar types  
Backhoe Operator (over  $\frac{3}{4}$  yd. and up to 5 cu. yds.  
M.R.C.)  
Barrier Rail Mover (BTM Series 200 or similar types)  
Cast in Place Pipe Laying Machine Operator  
Cold Foamed Asphalt Recycler  
Combination Mixer and Compressor Operator  
(gunite work)  
Compactor Operator – Self Propelled  
Concrete Mixer Operator – Paving  
Crushing Plant Operator  
Drill Doctor  
Drilling Machine Operator, Bucket or Auger types  
(Calweld 150 bucker or similar types – Watson  
1500, 2000, 2500 auger or similar types –  
Texoma 700, 800 auger or similar types – drilling  
depth of 60' maximum)  
Elevating Grader Operator  
Excavator Track/Rubber-Tired with all attachments  
(Operating Weight 21,000 lbs – 100,000 lbs)  
Global Positioning System/GPS (or Technician)  
Grade Checker  
Gradall Operator  
Grouting Machine Operator  
Heavy Duty Repairman/Pump Installer  
Heavy Equipment Robotics Operator  
Hydraulic Casing Oscillator Operator – drilling depth  
of 60' maximum  
Hydraulic Operated Grout Plant (excludes hand  
loading)  
Kalamazoo Ballast Regulator or similar type  
Klemm Drill Operator or similar types  
Kolman Belt Loader and similar type  
Le Tourneau Blob Compactor or similar type  
Lo Drill  
Loader Operator (Athey, Euclid, Sierra and similar  
types)  
Master Environmental Maintenance Mechanic  
Mobark Chipper or similar types  
Ozzie Padder or similar types  
P.C. 490 Slot Saw

Pneumatic Concrete Placing Machine Operator  
(Hackley-Presswell or similar type)  
Prentice 721E Hydro-Ax  
Pumpcrete Gun Operator  
Rock Drill or Similar Types (see Miscellaneous  
Provision #4 for additional information regarding  
this classification)  
Rotary Drill Operator (excluding caison type)  
Rubber-Tired Earth Moving Equipment Operator  
(single engine, caterpillar, euclid, atthey wagon,  
and similar types with any and all attachments  
over 25 yds. and up to and including 50 cu yds.  
struck)  
Rubber-Tired Earth Moving Equipment Operator  
(multiple engine – up to and including 25 yds.  
struck)  
Rubber-Tired Scraper Operator (self-loading paddle  
wheel type – John Deere, 1040 and similar single  
unit)  
Self-Propelled Curb and Gutter Machine Operator  
Shuttle Buggy  
Skiploader Operator (crawler and wheel type over 1  
½ yds. up to and including 6 ½ yds.)  
Soil Remediation Plant Operator (CMI, Envirotech or  
Similar)  
Soil Stabilizer and Reclaimer (WR-2400)  
Somero SXP Laser Screed  
Speed Swing Operator  
Surface Heaters and Planer Operator  
Tractor Compressor Drill Combination Operator  
Tractor Operator (any type larger than D-5 – 100  
flyweel H.P. and over, or similar – bulldozer,  
tamper, scraper and push tractor, single engine)  
Tractor Operator (boom attachments)  
Traveling Pipe Wrapping, Cleaning and Bending  
Machine Operator)  
Trenching Machine Operator (over 6 ft. depth  
capacity, manufacturer's rating)  
Trenching Machine with Road Miner Attachment  
(over 6ft. depth capacity, manufacturer's rating –  
Oiler or Journeyman Trainee required)  
Ultra High Pressure Waterjet Cutting Tool System  
Mechanic  
Water Pull (compaction)

**Group 9 (for multi-shift rate, see Pages 5 and 6)**  
Heavy Duty Repairman (Multi-Shift)

**Group 10**

Backhoe Operator (over 5 cu. yds. M.R.C.)  
Drilling Machine Operator, Bucket or Auger types  
(Calweld 200 B bucket or similar types – Watson  
3000 or 5000 auger or similar types – Texoma  
900 auger or similar types – drilling depth of 105'  
maximum)  
Dual Drum Mixer  
Dynamic Compactor LDC350 or similar types  
Heavy Duty Repairman-Welder combination  
Hydraulic Casing Oscillator Operator – drilling depth  
of 105' maximum  
Monorail Locomotive Operator (diesel, gas or  
electric)  
Motor Patrol – Blade Operator (single engine)  
Multiple Engine Tractor Operator (euclid and similar  
type – except quad 9 cat.)  
Pneumatic Pipe Ramming Tool and similar types  
Pre-stressed Wrapping Machine Operator (2  
Operators required)  
Rubber – Tired Earth Moving Equipment Operator  
(single engine, over 50 yds. struck)  
Rubber – Tired Earth Moving Equipment Operator  
(multiple engine, euclid caterpillar and similar –  
over 25 yds. and up to 50 yds. struck)  
Tower Crane Repairman  
Tractor Loader Operator (crawler and wheel-type  
over 6 ½ yds.)  
Unmanned Aircraft Systems (UAS Drones) Operator  
(when used in conjunction with hoisting and  
placing materials)  
Welder – Certified  
Woods Mixer Operator (and similar pugmill  
equipment)

**Group 11 (for multi-shift rate, see Pages 5 and 6)**

Heavy Duty Repairman – Welder Combination  
(Multi-Shift)

Welder – Certified (Multi-Shift)

**Group 12**

Auto Grader Operator  
Automatic Slip Form Operator  
Backhoe Operator (over 7 cu. yds. M.R.C.)  
Drilling Machine Operator, Bucket or Auger types  
(Calweld, auger 200 CA or similar types –  
Watson, auger 6000 or similar types – hughes  
super duty, auger 200 or similar types – drilling  
depth of 175' maximum)

Excavator Track/Rubber Tired- with all attachments  
(Operating Weight 100,000 lbs. – 200,000 lbs.)  
Hoe Ram or similar with compressor  
Hydraulic Casing Oscillator Operator – drilling depth  
of 175' maximum  
Mass Excavator Operator – less than 750 cu. yds.  
Mechanical Finishing Machine Operator  
Mobile Form Traveler Operator  
Motor Patrol Operator (multi-engine)  
Pipe Mobile Machine Operator  
Rubber-Tired Earth Moving Equipment Operator  
(multiple engine, euclid, caterpillar and similar  
type, over 50 cu. yds. struck)  
Rubber-Tired Self-Loading Scraper Operator  
(paddle-wheel-auger type self-loading – (two (2)  
or more units)

**Group 13**

Rubber-Tired Earth Moving Equipment Operator,  
Operating Equipment with the Push-Pull System  
(single engine, up to and including 25 yds. struck)

**Group 14**

Canal Liner Operator  
Canal Trimmer Operator  
Drilling Machine Operator, Bucket or Auger types  
(Calweld, auger 200 CA or similar types –  
watson, auger 6000 or similar types – hughes  
super duty, auger 200 or similar types – drilling  
depth of 300' maximum)  
Remote Controlled Earth Moving Operator (\$1.00  
per hour additional to base rate)  
Wheel Excavator Operator (over 750 cu. yds. per  
hour)

**Group 15**

Rubber-Tired Earth Moving Equipment Operator,  
Operating Equipment with the Push-Pull System  
(single engine, caterpillar, euclid, athey wagon,  
and similar types with any and all attachments  
over 25 and up to and including 50 cu. yds.  
struck)  
Rubber-Tired Earth Moving Equipment Operator,  
Operating Equipment with the Push-Pull System  
(multiple engine - up to and including 25 yds.  
struck)

**Group 16**

Excavator Track/Rubber Tired – with all attachments  
(Operating Weight exceeding 200,000 lbs.)

Rubber-Tired Earth Moving Equipment Operator,  
Operating Equipment with the Push-Pull System  
(single engine, over 50 yds. struck)  
Rubber-Tired Earth Moving Equipment Operator,  
Operating Equipment with the Push-Pull System  
(multiple engine, euclid, caterpillar, and similar,  
over 25 yds. and up to 50 yds. struck)

**Group 17**

Rubber-Tired Earth Moving Equipment Operator,  
Operating Equipment with the Push-Pull System  
(multiple engine, euclid, caterpillar, and similar  
type, over 50 cu. yds. struck)  
Tandem Tractor Operator (operating crawler type  
tractors in tandem – Quad 9 and similar type)

**Group 18**

Rubber-Tired Earth Moving Equipment Operator,  
Operating in Tandem (scrapers, belly dumps, and  
similar types in any combination, excluding  
compaction units - single engine, up to and  
including 25 yds. struck)

**Group 19**

Rotex Concrete Belt Operator  
Rubber-Tired Earth Moving Equipment Operator,  
Operating in Tandem (scrapers, belly dumps, and  
similar types in any combination, excluding  
compaction units - single engine, caterpillar,  
euclid, athey wagon, and similar types with any  
and all attachments over 25 yds. and up to and  
including 50 cu. yds. struck)  
Rubber-Tired Earth Moving Equipment Operator,  
Operating in Tandem (scrapers, belly dumps, and  
similar types in any combination, excluding  
compaction units - multiple engines, up to and  
including 25 yds. struck)

**Group 20**

Rubber-Tired Earth Moving Equipment Operator,  
Operating in Tandem (scrapers, belly dumps, and  
similar types in any combination, excluding  
compaction units - single engine, over 50 yds.  
struck)  
Rubber-Tired Earth Moving Equipment Operator,  
Operating in Tandem (scrapers, belly dumps, and  
similar types in any combination, excluding  
compaction units - multiple engine, euclid,  
caterpillar and similar, over 25 yds. and up to 50  
yds. struck)

**Group 21**

Rubber-Tired Earth Moving Equipment Operator, Operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - multiple engine, euclid, caterpillar and similar type, over 50 cu. yds. struck)

**Group 22**

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (single engine, up to and including 25 yds. struck)

**Group 23**

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (single engine, caterpillar, euclid, athey wagon, and similar types with any and all attachments over 25 yds. and up to and including 50 cu. yds. struck)

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (multiple engine, up to and including 25 yds. struck)

**Group 24**

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (single engine, over 50 yds. Struck)  
Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (multiple engine, euclid, caterpillar and similar, over 25 yds. and up to 50 yds. struck)

**Group 25**

Concrete Pump Operator-Truck Mounted Pedestal Concrete Pump Operator  
Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (multiple engine, euclid, caterpillar and similar over 50 cu. yds struck)

**MISCELLANEOUS PROVISIONS:**

1. Operators on hoists with three drums shall receive fifty cents (50¢) per hour additional pay to the regular rate of pay. The additional pay shall be added to the regular rate and become the base rate for the entire shift.
2. All heavy duty repairman and heavy duty combination shall receive one dollar (\$1.00) per hour tool allowance in addition to their regular rate of pay and this shall become their base rate of pay.
3. Employees required to suit up and work in a hazardous material environment, shall receive Two Dollars (\$2.00) per hour in addition to their regular rate of pay, and that rate shall become the basic hourly rate of pay.
4. A review of rock drilling is currently pending. The minimum acceptable rate of pay for this classification or type of work on public works projects is Laborer and Related Classifications/Group 5 (Driller) as published in the Director's General Prevailing Wage Determinations. However, the published rate for the craft/classification of Operating Engineer/Group 8 (Rock Drill or Similar Types) may be used by contractors to perform rock drilling on public works projects.

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# Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

<sup>a</sup> For classifications within each group, see Pages 7 through 11.

<sup>b</sup> Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

<sup>c</sup> Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

<sup>d</sup> Includes an amount for Annuity.

<sup>e</sup> Includes an amount withheld for supplemental dues.

<sup>f</sup> The Third Shift shall work 6.5 hours, exclusive of meal period, for which 8 hours straight-time shall be paid at the non-shift rate, Monday through Friday.

## PREDETERMINED INCREASE

### **CRAFTS/CLASSIFICATIONS:**

Operating Engineer (SC-23-63-2-2023-2) (All Shifts)

Cranes, Pile Driver and Hoisting Equipment (Operating Engineer) (SC-23-63-2-2023-2B) (All Shifts)

Tunnel (Operating Engineer) (SC-23-63-2-2023-2C) (All Shifts)

Building/Construction Inspector, Field Soils and Material Tester, and Non-Destructive Testing (SC-23-63-2-2023-2D) (All Shifts)

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura Counties

These predetermined increases for the above named crafts apply only to the current determinations for work being performed on public works projects with bid advertisement dates on or after September 1, 2023, until the determination(s) is/are superseded by a new determination(s) or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **OPERATING ENGINEER: All Classifications and All Shifts**

The above Determinations are currently in effect and will expire on June 30, 2024\*\*.

Effective on July 1, 2024, there will be an increase of \$4.02 allocated to wages and/or employer payments.

There will be no further increases applicable to these determinations.

Issued 8/22/2023, Effective 9/1/2023 until superseded.

This page will be updated when wage rate breakdown becomes available.

Last Updated: September 1, 2023

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**Craft: Parking and Highway Improvement (Striping, Slurry and Seal Coat Operations-Laborer)#**

**Determination:**

SC-23-102-6-2023-2

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura Counties.

**Wages and Employer Payments:**

Classification <sup>a</sup> (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation/Holiday <sup>b</sup>	Training	Other	Hours <sup>c</sup>	Total Hourly Rate	Daily Overtime Hourly Rate (1 ½ X)	6 <sup>th</sup> & 7 <sup>th</sup> Day Overtime Hourly Rate <sup>d</sup> (1½ x)	Holiday Overtime Hourly Rate (2 X)
Group 1	\$44.10	\$8.95	\$8.57	\$5.26	\$1.42	\$0.56	8.0	\$68.86	\$90.910	\$90.910	\$112.96
Group 2	\$45.40	\$8.95	\$8.57	\$5.26	\$1.42	\$0.56	8.0	\$70.16	\$92.860	\$92.860	\$115.56
Group 3	\$47.41	\$8.95	\$8.57	\$5.26	\$1.42	\$0.56	8.0	\$72.17	\$95.875	\$95.875	\$119.58
Group 4	\$49.15	\$8.95	\$8.57	\$5.26	\$1.42	\$0.56	8.0	\$73.91	\$98.485	\$98.485	\$123.06

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**CLASSIFICATION GROUPS:**

**Group 1**

Protective coating, Pavement sealing (repairs and filling of cracks by any method to parking lots, game courts and playgrounds, and tracks, whether indoor or outdoor)  
Truck Mounted Attenuator  
Automatous Truck Mounted Attenuator  
Installation of carstops  
Traffic Control Person & Serviceman; including work of installing and protecting utility covers, traffic delineating devices, posting of no parking and notifications for public convenience  
Asphalt Repair  
Equipment Repair Technician  
Truncated Dome Assitant  
Decorative Asphalt Surfacing Applicator Assistant

**Group 2**

Traffic Surface Abrasive Blaster  
Pot Tender  
Traffic Control Person/Certified Traffic Control Person  
Repairing and filling of cracks and surface cleaning on streets, highways, and airports by any means, and other work not directly connected with the application of slurry seal  
Slurry Seal Squeegeeman (finisher)  
Bob Cat/Skid Steer  
Seal Roller  
Forklift

**Group 3**

Traffic Delineating Device Applicator  
Traffic Protective System Installer  
Pavement Marking Applicator

Slurry Seal Applicator Operator (Line Driver-including self-contained distribution units, aggregate spreader truck)  
Shuttleman (loader/slurry machine operations) operation of all related machinery and equipment; handling of related materials  
Truncated Dome Technician  
Decorative Asphalt Surfacing Applicator

**Group 4**

Traffic Striping Applicator  
Slurry Seal Mixer Operator  
Power Broom Sweeper (operation of all related trucks, machinery and equipment; Handling of related materials)

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

<sup>a</sup> For classifications within each group, see Page 2.

<sup>b</sup> Includes an amount per hour worked for Supplemental Dues.

<sup>c</sup> Straight-time hours: 8 consecutive hours per day. 40 hours over 5 consecutive days, Monday through Sunday shall constitute a week's work at straight time.

<sup>d</sup> The sixth consecutive day in the same work week may be worked at straight-time if job is shut down during work week due to inclement weather.

## **PREDETERMINED INCREASE**

### **CRAFT:**

Parking and Highway Improvement (Striping, Slurry and Seal Coat Operations-Laborer)

### **DETERMINATIONS:**

SC-23-102-6-2023-2

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura Counties.

This predetermined increase for the above named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after September 1, 2023, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **PARKING AND HIGHWAY IMPROVEMENT (STRIPING, SLURRY AND SEAL COAT OPERATIONS-LABORER)**

Determination SC-23-102-6-2023-2 is currently in effect and expires on June 30, 2024\*\*.

Effective July 1, 2024, there will be an increase of \$3.35 to be allocated as follows: \$2.55 to Basic Hourly Rate, \$0.30 to Health and Welfare, \$0.45 to Pension, and \$0.05 to Training.

Effective July 1, 2025, there will be an increase of \$3.45 to be allocated to wages and/or fringes.

There will be no further increases applicable to this determination.

Issued 8/22/2023, Effective 9/1/2023 until superseded.

This page will be updated when wage rate breakdown becomes available.

Last Updated: June 6, 2024

GENERAL PREVAILING WAGE DETERMINATION MADE BY  
 THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE  
 PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
 FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: #TEAMSTER (APPLIES ONLY TO WORK ON THE CONSTRUCTION SITE)**

**Determination:**

SC-23-261-2-2023-1

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director – Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

**Wages and total hourly rates (including employer payments):**

Classification <sup>a</sup> (Journey person)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate <sup>b</sup> (1½ x)	Saturday Overtime Hourly Rate <sup>b</sup> (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group I	\$38.19	8	\$71.88	\$90.975	\$90.975	\$110.07
Group II	\$38.34	8	\$72.03	\$91.20	\$91.20	\$110.37
Group III	\$38.47	8	\$72.16	\$91.395	\$91.395	\$110.63
Group IV	\$38.66	8	\$72.35	\$91.68	\$91.68	\$111.01
Group V	\$38.69	8	\$72.38	\$91.725	\$91.725	\$111.07
Group VI	\$38.72	8	\$72.41	\$91.77	\$91.77	\$111.13
Group VII	\$38.97	8	\$72.66	\$92.145	\$92.145	\$111.63
Group VIII	\$39.22	8	\$72.91	\$92.52	\$92.52	\$112.13
Group IX	\$39.42	8	\$73.11	\$92.82	\$92.82	\$112.53
Group X	\$39.72	8	\$73.41	\$93.27	\$93.27	\$113.13
Group XI	\$40.22	8	\$73.91	\$94.02	\$94.02	\$114.13

**Employer Payments:**

Type of Fund	Amount per Hour
Health and Welfare	\$20.12
Pension	\$8.00
Vacation and Holiday <sup>c</sup>	\$3.15
Training	\$1.92
Other	\$0.50

**Wages and total hourly rates (including employer payments):**

Classification <sup>d</sup> (Subjourneyman)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate <sup>b</sup> (1½ x)	Saturday Overtime Hourly Rate <sup>b</sup> (1½x)	Sunday/Holiday Overtime Hourly Rate (2 x)
0-2000 hours	\$24.40	8	\$56.94	\$69.14	\$69.14	\$81.34
2001-4000 hours	\$26.40	8	\$59.19	\$72.39	\$72.39	\$85.59
4001-6000 hours	\$28.40	8	\$61.44	\$75.64	\$75.64	\$89.84

Over 6000 hours and thereafter at journeyman rates.

**Employer Payments:**

Type of Fund	Amount per Hour
Health and Welfare	\$20.12
Pension	\$8.00
Vacation and Holiday <sup>c</sup>	\$2.00 (\$2.25 for 2001-4000 hours; \$2.50 for 4001-6000 hours)
Training	\$1.92
Other	\$0.50

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY  
THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE  
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: #TEAMSTER (SPECIAL SHIFT)  
(APPLIES ONLY TO WORK ON THE CONSTRUCTION SITE)**

**Determination:**

SC-23-261-2-2023-1

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director – Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

**Wages and total hourly rates (including employer payments):**

Classification <sup>a</sup> (Journey person)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate <sup>b</sup> (1½ x)	Saturday Overtime Hourly Rate <sup>b</sup> (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group I	\$39.19	8	\$72.88	\$92.475	\$92.475	\$112.07
Group II	\$39.34	8	\$73.03	\$92.70	\$92.70	\$112.37
Group III	\$39.47	8	\$73.16	\$92.895	\$92.895	\$112.63
Group IV	\$39.66	8	\$73.35	\$93.18	\$93.18	\$113.01
Group V	\$39.69	8	\$73.38	\$93.225	\$93.225	\$113.07
Group VI	\$39.72	8	\$73.41	\$93.27	\$93.27	\$113.13
Group VII	\$39.97	8	\$73.66	\$93.645	\$93.645	\$113.63
Group VIII	\$40.22	8	\$73.91	\$94.02	\$94.02	\$114.13
Group IX	\$40.42	8	\$74.11	\$94.32	\$94.32	\$114.53
Group X	\$40.72	8	\$74.41	\$94.77	\$94.77	\$115.13
Group XI	\$41.22	8	\$74.91	\$95.52	\$95.52	\$116.13

**Employer Payments:**

Type of Fund	Amount per Hour
Health and Welfare	\$20.12
Pension	\$8.00
Vacation and Holiday <sup>c</sup>	\$3.15
Training	\$1.92
Other	\$0.50

**Wages and total hourly rates (including employer payments):**

Classification <sup>d</sup> (Subjourneyman)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate <sup>b</sup> (1½ x)	Saturday Overtime Hourly Rate <sup>b</sup> (1½x)	Sunday/Holiday Overtime Hourly Rate (2 x)
0-2000 hours	\$24.40	8	\$56.94	\$69.14	\$69.14	\$81.34
2001-4000 hours	\$26.40	8	\$59.19	\$72.39	\$72.39	\$85.59
4001-6000 hours	\$28.40	8	\$61.44	\$75.64	\$75.64	\$89.84

Over 6000 hours and thereafter at journeyman rates.

**Employer Payments:**

Type of Fund	Amount per Hour
Health and Welfare	\$20.12
Pension	\$8.00
Vacation and Holiday <sup>c</sup>	\$2.00 (\$2.25 for 2001-4000 hours; \$2.50 for 4001-6000 hours)
Training	\$1.92
Other	\$0.50

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY  
THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE  
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: #TEAMSTER (SECOND SHIFT)  
(APPLIES ONLY TO WORK ON THE CONSTRUCTION SITE)**

**Determination:**

SC-23-261-2-2023-1

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director – Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

**Wages and total hourly rates (including employer payments):**

Classification <sup>a</sup> (Journey person)	Basic Hourly Rate	Hours <sup>e</sup>	Total Hourly Rate	Daily Overtime Hourly Rate <sup>b</sup> (1½ x)	Saturday Overtime Hourly Rate <sup>b</sup> (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group I	\$40.19	8	\$73.88	\$93.975	\$93.975	\$114.07
Group II	\$40.34	8	\$74.03	\$94.20	\$94.20	\$114.37
Group III	\$40.47	8	\$74.16	\$94.395	\$94.395	\$114.63
Group IV	\$40.66	8	\$74.35	\$94.68	\$94.68	\$115.01
Group V	\$40.69	8	\$74.38	\$94.725	\$94.725	\$115.07
Group VI	\$40.72	8	\$74.41	\$94.77	\$94.77	\$115.13
Group VII	\$40.97	8	\$74.66	\$95.145	\$95.145	\$115.63
Group VIII	\$41.22	8	\$74.91	\$95.52	\$95.52	\$116.13
Group IX	\$41.42	8	\$75.11	\$95.82	\$95.82	\$116.53
Group X	\$41.72	8	\$75.41	\$96.27	\$96.27	\$117.13
Group XI	\$42.22	8	\$75.91	\$97.02	\$97.02	\$118.13

**Employer Payments:**

Type of Fund	Amount per Hour
Health and Welfare	\$20.12
Pension	\$8.00
Vacation and Holiday <sup>c</sup>	\$3.15
Training	\$1.92
Other	\$0.50

**Wages and total hourly rates (including employer payments):**

Classification <sup>d</sup> (Subjourneyman)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate <sup>b</sup> (1½ x)	Saturday Overtime Hourly Rate <sup>b</sup> (1½x)	Sunday/Holiday Overtime Hourly Rate (2 x)
0-2000 hours	\$24.40	8	\$56.94	\$69.14	\$69.14	\$81.34
2001-4000 hours	\$26.40	8	\$59.19	\$72.39	\$72.39	\$85.59
4001-6000 hours	\$28.40	8	\$61.44	\$75.64	\$75.64	\$89.84

Over 6000 hours and thereafter at journeyman rates.

**Employer Payments:**

Type of Fund	Amount per Hour
Health and Welfare	\$20.12
Pension	\$8.00
Vacation and Holiday <sup>c</sup>	\$2.00 (\$2.25 for 2001-4000 hours; \$2.50 for 4001-6000 hours)
Training	\$1.92
Other	\$0.50

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

## Classifications:

<b>Group I</b> Warehouseman and Teamster	Side Dump Trucks Flow Boy Dump Trucks
<b>Group II</b> Driver of Vehicle or Combination of Vehicles - 2 axles Traffic Control Pilot Car, excluding moving heavy equipment permit load Truck Mounted Power Broom	<b>Group VII</b> A Frame, Swedish Crane or Similar Forklift Driver Ross Carrier Driver
<b>Group III</b> Driver of Vehicle or Combination of Vehicles - 3 axles Bootman Cement Mason Distribution Truck Fuel Truck Driver Water Truck - 2 axles Dump Truck of less than 16 yards water level Erosion Control Driver	<b>Group VIII</b> Dump Truck of 25 yds to 49 yards water level Truck Repairman Water Pull Single Engine Welder
<b>Group IV</b> Driver of Transit Mix Truck-Under 3 yds Dumpcrete Truck Less than 6½ yards water level Truck Repairman Helper	<b>Group IX</b> Truck Repairman Welder Low Bed Driver, 9 axles or over
<b>Group V</b> Water Truck 3 or more axles Warehouseman Clerk Slurry Truck Driver	<b>Group X</b> Working Truck Driver Truck Greaser and Tireman - \$0.50 additional for Tireman Pipeline and Utility Working Truck Driver, including Winch Truck and Plastic Fusion, limited to Pipeline and Utility Work Dump Truck and Articulating - 50 yards or more water level Water Pull Single Engine with attachment
<b>Group VI</b> Driver of Transit Mix Truck - 3 yds or more Dumpcrete Truck 6½ yds water level and over Driver of Vehicle or Combination of Vehicles - 4 or more axles Driver of Oil Spreader Truck Dump Truck 16 yds to 25 yds water level	<b>Group XI</b> Water Pull Twin Engine Water Pull Twin Engine with attachments Winch Truck Driver - \$0.25 additional when operating a Winch or similar special attachment

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# Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

<sup>a</sup> For classifications within each group, see Page 7.

<sup>b</sup> Rate applies to the first 4 daily overtime hours on weekdays and the first 12 hours on Saturday. All other overtime is paid at the Sunday/Holiday double-time rate.

<sup>c</sup> Includes an amount for Supplemental Dues.

<sup>d</sup> Subjourneymen may be employed at a ratio of one subjourneyman for every five journeymen.

<sup>e</sup> The third shift shall work 6.5 hours, exclusive of meal period, for which 8-hours straight time shall be paid at the non-shift rate, Monday through Friday.

## PREDETERMINED INCREASE

### **CRAFT:**

Teamster (All Shifts)

### **DETERMINATIONS:**

SC-23-261-2-2023-1

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

This predetermined increase for the above named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after September 1, 2023, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **TEAMSTER: Groups I-XI (All Shifts)**

Determination SC-23-261-2-2023-1 is currently in effect and expires June 30, 2024\*\*.

Effective July 1, 2024, there will be an increase of \$3.30 to be allocated to wages and/or employer payments.

**Note:** Subjourneymen (0-6000 hours) receive no predetermined increases.

There will be no further increases applicable to this determination.

Issued 8/22/2023, Effective 9/1/2023 until superseded.

This page will be updated when wage rate breakdown becomes available.

Last Updated: September 1, 2023

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**Craft: TREE MAINTENANCE (LABORER) <sup>1</sup>**

(APPLIES ONLY TO ROUTINE TREE MAINTENANCE WORK, NOT CONSTRUCTION AND/OR LANDSCAPE CONSTRUCTION) <sup>2</sup>

**Determination:**

SC-102-X-20-2023-1

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura Counties.

**Wages and Employer Payments:**

Classification <sup>a</sup> (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate <sup>b</sup> (1 ½ X)	Sunday/Holiday Overtime Hourly Rate (2 X)
Senior Tree Trimmer	\$25.19	\$3.50	\$2.26	\$2.47	\$0.00	\$0.30	8.0	\$33.72	\$46.315	\$58.91
Tree Trimmer	\$23.19	\$3.50	\$2.26	\$2.27	\$0.00	\$0.30	8.0	\$31.52	\$43.115	\$54.71
Groundperson	\$21.55	\$3.50	\$2.26	\$2.12	\$0.00	\$0.30	8.0	\$29.73	\$40.505	\$51.28

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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<sup>1</sup> This determination does not apply to the work of a landscape laborer employed on landscape construction (work incidental to construction or post-construction maintenance during the plant installation and establishment period) or to tree trimming work involving line clearance.

<sup>2</sup> This determination does not apply to the work of a landscape laborer employed on landscape construction (work incidental to construction or post-construction maintenance during the plant installation and establishment period) or to tree trimming work involving line clearance.

<sup>a</sup> There shall be at least one Senior Tree Trimmer on crews of three or more.

<sup>b</sup> Monday thru Saturday shall constitute a workweek. Rate applies to first 4 overtime hours Monday thru Saturday, and all time worked in excess of forty (40) hours per workweek. All other time is paid at the Sunday and Holiday double-time rate.

NOT FOR BIDDING

## **PREDETERMINED INCREASE**

### **CRAFT:**

Tree Maintenance (Laborer)

### **DETERMINATION:**

SC-102-X-20-2023-1

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura Counties.

This predetermined increase for the above named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after September 1, 2023, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **TREE MAINTENANCE (LABORER):**

Determination SC-102-X-20-2023-1 is currently in effect and expires on June 30, 2024\*\*.

Effective July 1, 2024, there will be an increase of \$1.50 to be allocated as follows: \$1.20 to Basic Hourly Rate and \$0.30 to Health & Welfare.

Effective July 1, 2025, there will be an increase of \$1.60 to be allocated to wages and/or fringes.

There will be no further increases applicable to this determination.

Issued 8/22/2023, Effective 9/1/2023 until superseded.

This page will be updated when wage rate breakdown becomes available.

Last Updated: May 20, 2024

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: TUNNEL WORKER (LABORER)**

**Determination:**

SC-23-102-12-2023-1

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura Counties.

**Wages and Employer Payments:**

Classification <sup>a</sup> (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday <sup>b</sup>	Training	Other	Hours	Total Hourly Rate	Daily Overtime Hourly Rate <sup>c</sup> (1½ X)	Saturday Overtime Hourly Rate <sup>c</sup> (1½ X)	Sunday/ Holiday Overtime Hourly Rate (2 X)
Group I	\$48.03	\$8.95	\$11.62	\$5.02	\$0.75	\$0.67	8	\$75.040	\$99.055	\$99.055	\$123.070
Group II	\$48.35	\$8.95	\$11.62	\$5.02	\$0.75	\$0.67	8	\$75.360	\$99.535	\$99.535	\$123.710
Group III	\$48.81	\$8.95	\$11.62	\$5.02	\$0.75	\$0.67	8	\$75.820	\$100.225	\$100.225	\$124.630
Group IV <sup>d</sup>	\$49.50	\$8.95	\$11.62	\$5.02	\$0.75	\$0.67	8	\$76.510	\$101.260	\$101.260	\$126.010
Group V	\$50.35	\$8.95	\$11.62	\$5.02	\$0.75	\$0.67	8	\$77.360	\$102.535	\$102.535	\$127.710

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Classifications:**

**Group I**

Batch Plant Laborer  
Bottom Lander  
Changehouseman  
Dumpman  
Outside Dumpman  
Loading and Unloading Agitator Cars  
Nipper  
Pot Tender using mastic or other materials  
Rollover Dumpman  
Shotcrete Man (helper)  
Subsurface Laborer (non-miner)  
Swamper/Brakemen (Brakeman and Switchman on tunnel work)  
Tool Man  
Top Lander  
Tunnel Materials Handling Man

**Group II**

Chemical Grout Jetman  
Chucktender, Cabetender  
Concrete crew-include Rodders and Spreaders  
Grout Mixerman  
Grout Pumpman  
Operating of Troweling and/or Grouting Machines  
Vibratorman, Jack Hammer Pneumatic Tools (except driller)

**Group III**

Blaster, Driller, Powderman  
Bull Gang Mucker, Trackman  
Cherry Pickerman  
Grout Gunman  
Jackleg Miner  
Jumbo Man  
Kemper and other Pneumatic Concrete Placer Operator

Micro-Tunneling, Micro-Tunneling Systems  
Nozzlemans  
Powderman-Primer House  
Primer Man  
Sandblaster  
Segment Erector  
Steel Form Raiser and Setter  
Timberman, Retimberman, wood or steel  
Tunnel Concrete Finisher

**Group IV**

Shaft and Raise Work<sup>d</sup>  
Diamond Driller  
HDPE Membrane Vapor Barrier Welder  
Miner - Tunnel (hand or machine)

**Group V**

Welder, certified as required

<sup>a</sup> For classifications within each group, see Page 2.

<sup>b</sup> Includes an amount per hour worked for supplemental dues.

<sup>c</sup> All work performed over 12 hours in a single work day shall be paid for at double time (2x).

<sup>d</sup> The classification “Shaft and Raise Work” shall be applicable to all work from the entrance to the shaft or raise and including surge chambers. This classification shall apply to all work involving surge chambers up to ground level.

## PREDETERMINED INCREASE

### **CRAFT:**

Tunnel Worker (Laborer)

### **DETERMINATIONS:**

SC-23-102-12-2023-1

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura Counties.

This predetermined increase for the above named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after **September 1, 2023**, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **TUNNEL WORKER (LABORER):**

Determination SC-23-102-12-2023-1 is currently in effect and expires on June 30, 2024\*\*.

Effective July 1, 2024, there will be an increase of \$3.50 to be allocated as follows: \$2.70 to Basic Hourly Rate, \$0.30 to Health & Welfare, \$0.45 to Pension, and \$0.05 to Training.

Effective July 1, 2025, there will be an increase of \$3.60 to be allocated to wages and/or employer payments.

There will be no further increases applicable to this determination.

Issued 8/22/2023, Effective 9/1/2023 until superseded.

This page will be updated when wage rate breakdown becomes available.

Last Updated: June 3, 2024

GENERAL PREVAILING WAGE DETERMINATION MADE BY  
THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE  
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: TUNNEL (OPERATING ENGINEER) #**

**Determination:**

SC-23-63-2-2023-2C

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

**Wages and total hourly rates (including employer payments):**

Classification <sup>a</sup> (Journeyman)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate <sup>b</sup> (1½ x)	Saturday Overtime Hourly Rate <sup>c</sup> (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group 1	\$57.75	8	\$90.56	\$119.435	\$119.435	\$148.310
Group 2	\$58.53	8	\$91.34	\$120.605	\$120.605	\$149.870
Group 3	\$58.82	8	\$91.63	\$121.040	\$121.040	\$150.450
Group 4	\$58.96	8	\$91.77	\$121.250	\$121.250	\$150.730
Group 5	\$59.18	8	\$91.99	\$121.580	\$121.580	\$151.170
Group 6	\$59.29	8	\$92.10	\$121.745	\$121.745	\$151.390
Group 7	\$59.41	8	\$92.22	\$121.925	\$121.925	\$151.630
Group 8	\$60.76	8	\$93.57	\$123.950	\$123.950	\$154.330
Group 9	\$59.71	8	\$92.52	\$122.375	\$122.375	\$152.230

**Employer Payments:**

Type of Fund	Amount per Hour
Health and Welfare	\$12.85
Pension <sup>d</sup>	\$14.65
Vacation and Holiday <sup>e</sup>	\$3.85
Training	\$1.05
Other	\$0.41

GENERAL PREVAILING WAGE DETERMINATION MADE BY  
THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE  
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: TUNNEL (OPERATING ENGINEER) (MULTI-SHIFT) #**

**Determination:**

SC-23-63-2-2023-2C

**Issue Date:**

August 22, 2023

**Expiration date of determination:**

June 30, 2024\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**Localities:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

**Wages and total hourly rates (including employer payments):**

Classification <sup>a</sup> (Journeyman)	Basic Hourly Rate	Hours	Total Hourly Rate	Daily Overtime Hourly Rate <sup>b</sup> (1½ x)	Saturday Overtime Hourly Rate <sup>c</sup> (1½ x)	Sunday/Holiday Overtime Hourly Rate (2 x)
Group 1	\$57.75	7.5	\$90.56	\$119.435	\$119.435	\$148.310
Group 2	\$58.53	7.5	\$91.34	\$120.605	\$120.605	\$149.870
Group 3	\$58.82	7.5	\$91.63	\$121.040	\$121.040	\$150.450
Group 4	\$58.96	7.5	\$91.77	\$121.250	\$121.250	\$150.730
Group 5	\$59.18	7.5	\$91.99	\$121.580	\$121.580	\$151.170
Group 6	\$59.29	7.5	\$92.10	\$121.745	\$121.745	\$151.390
Group 7	\$59.41	7.5	\$92.22	\$121.925	\$121.925	\$151.630
Group 8	\$60.76	7.5	\$93.57	\$123.950	\$123.950	\$154.330
Group 9	\$59.71	7.5	\$92.52	\$122.375	\$122.375	\$152.230

**Employer Payments:**

Type of Fund	Amount per Hour
Health and Welfare	\$12.85
Pension <sup>d</sup>	\$14.65
Vacation and Holiday <sup>e</sup>	\$3.85
Training	\$1.05
Other	\$0.41

**Recognized holidays:**

Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Travel and/or subsistence payment:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the [Director's General Prevailing Wage Determinations Website](http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm) (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>). Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**Classifications:**

**Group 1**

Heavy Duty Repairman Helper

**Group 2**

Skiploader (wheel type up to ¾ yd. without attachment)

**Group 3**

Chainman  
Power-Driver Jumbo Form Setter Operator

**Group 4**

Dinkey Locomotive or Motorman (up to and including 10 tons)  
Rodman

**Group 5**

Bit Sharpener  
Equipment Greaser (Grease Truck)  
Instrumentman  
Slip Form Pump Operator (power driven hydraulic lifting device for concrete forms)  
Tugger Hoist Operator (1 drum)  
Tunnel Locomotive Operator (over 10 and up to and including 30 tons)  
Welder-General

**Group 6**

Backhoe Operator (up and including ¾ yd.) Small Ford, Case or similar types  
Drill Doctor  
Grouting Machine Operator  
Heading Shield Operator  
Heavy Duty Repairman  
Jumbo Pipe Carrier  
Loader Operator (Athey, Euclid, Sierra and similar types)  
Mucking Machine Operator (1/4 yd rubber tired, rail or track type)  
Pneumatic Concrete Placing Machine Operator (Hackley-Presswell or similar type)  
Pneumatic Heading Shield (Tunnel)  
Pumpcrete Gun Operator  
Tractor Compressor Drill Combination Operator  
Tugger Hoist Operator (2 drum)  
Tunnel Locomotive Operator (over 30 tons)

**Group 7**

Heavy Duty Repairman-Welder Combination

**Group 8**

Party Chief

**Group 9**

Tunnel Mole Boring Machine Operator

**MISCELLANEOUS PROVISIONS:**

1. Operators on hoists with three drums shall receive fifty cents (50¢) per hour additional pay to the regular rate of pay. The additional pay shall be added to the regular rate and become the base rate for the entire shift.
2. All heavy duty repairman and heavy duty combination shall receive one dollar (\$1.00) per hour tool allowance in addition to their regular rate of pay and this shall become their base rate of pay.
3. Employees required to suit up and work in a hazardous material environment, shall receive Two Dollars (\$2.00) per hour in addition to their regular rate of pay, and that rate shall become the basic hourly rate of pay.

---

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the [Prevailing Wage Apprentice Determinations Website](http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp) (<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>).

<sup>a</sup> For classifications within each group, see Page 3.

<sup>b</sup> Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

<sup>c</sup> Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

<sup>d</sup> Includes an amount for Annuity.

<sup>e</sup> Includes an amount withheld for supplemental dues.

NOT FOR BIDD

## PREDETERMINED INCREASE

### **CRAFTS/CLASSIFICATIONS:**

Operating Engineer (SC-23-63-2-2023-2) (All Shifts)

Cranes, Pile Driver and Hoisting Equipment (Operating Engineer) (SC-23-63-2-2023-2B) (All Shifts)

Tunnel (Operating Engineer) (SC-23-63-2-2023-2C) (All Shifts)

Building/Construction Inspector, Field Soils and Material Tester, and Non-Destructive Testing (SC-23-63-2-2023-2D) (All Shifts)

### **LOCALITIES:**

All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura Counties

These predetermined increases for the above named crafts apply only to the current determinations for work being performed on public works projects with bid advertisement dates on or after September 1, 2023, until the determination(s) is/are superseded by a new determination(s) or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project, has a single asterisk (\*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (\*\*) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

### **OPERATING ENGINEER: All Classifications and All Shifts**

The above Determinations are currently in effect and will expire on June 30, 2024\*\*.

Effective on July 1, 2024, there will be an increase of \$4.02 allocated to wages and/or employer payments.

There will be no further increases applicable to these determinations.

Issued 8/22/2023, Effective 9/1/2023 until superseded.

This page will be updated when wage rate breakdown becomes available.

Last Updated: September 1, 2023

*Permits and Agreements  
(Brown Pages)*

*inserted here*

***LIST OF PERMITS AND AGREEMENTS (BROWN PAGES)***

**CALIFORNIA ENVIRONMENTAL QUALITY ACT & EXEMPTION NOTICE (DOLA DITCH)**

**CALIFORNIA ENVIRONMENTAL QUALITY ACT & EXEMPTION NOTICE (LANZIT DITCH)**

**CALIFORNIA ENVIRONMENTAL QUALITY ACT & EXEMPTION NOTICE ADDENDUM  
(DOLA DITCH AND LANZIT DITCH)**

**APPENDICIES**

**COLORADO RIVER BASIN REGIONAL WATER QUALITY CONTROL BOARD (DOLA  
DITCH)**

**COLORADO RIVER BASIN REGIONAL WATER QUALITY CONTROL BOARD (LANZIT  
DITCH)**

NOT FOR BID

**REPORT/RECOMMENDATION TO THE BOARD OF SUPERVISORS  
OF SAN BERNARDINO COUNTY, CALIFORNIA  
AND RECORD OF ACTION**

April 19, 2016

**FROM: GERRY NEWCOMBE, Director  
Department of Public Works - Transportation**

**SUBJECT: DOLA DITCH BRIDGE REPLACEMENT PROJECT INITIAL ENVIRONMENTAL  
STUDY WITH MITIGATED NEGATIVE DECLARATION**

**RECOMMENDATION(S)**

1. Adopt the Mitigated Negative Declaration for the replacement and maintenance of the Dola Ditch Bridge on National Trails Highway (Project).
  2. Adopt the Mitigation Monitoring and Reporting Program for the Project.
  3. Approve the Project as defined in the Initial Study/Mitigated Negative Declaration.
  4. Direct the Clerk of the Board to file the Notice of Determination for the Project.
- (Presenter: Presenter: Gerry Newcombe, Director, 387-7906)

**BOARD OF SUPERVISORS COUNTY GOALS AND OBJECTIVES**

**Ensure Development of a Well-Planned, Balanced, and Sustainable County.  
Provide for the Safety, Health and Social Service Needs of County Residents.**

**FINANCIAL IMPACT**

Approval of this item will not result in the use of Discretionary General Funding (Net County Cost). The requested administrative actions will have minimal financial impact and sufficient appropriation and revenue were included in the Department of Public Works (Department) 2015-16 Road Operations budget (SAA TRA TRA 12HF0025).

**BACKGROUND INFORMATION**

The California Environmental Quality Act (CEQA) Guidelines require that an environmental document be prepared, circulated for public review and comment, as well as be reviewed and adopted by the Board of Supervisors (Board) prior to the Board's approval of a project. The Project's environmental document, an Initial Study/Mitigated Negative Declaration, determined that no significant environmental effects would occur as a result of this Project because mitigation measures will be implemented to reduce all potentially significant impacts to less than significant levels.

The Project involves the replacement of a 1930s era timber trestle bridge, known as the Dola Ditch Bridge (County Local Bridge No. 81, California Department of Transportation Bridge No. 54C0285) with a new, engineered timber bridge. This bridge is located on County-maintained National Trails Highway, otherwise known as California U.S. Highway 66/National Trails Highway and traditionally known as Route 66. The Dola Ditch Bridge is located in San Bernardino County,

Page 1 of 2

cc: Transportation-Newcombe w/NOD  
CAO-Garth  
File - Transportation w/NOPD & CD  
jr 4/20/16

**ITEM 51**

Record of Action of the Board of Supervisors

**APPROVED (CONSENT CALENDAR)  
COUNTY OF SAN BERNARDINO  
Board of Supervisors**

MOTION	<u>SECOND</u>	<u>AYE</u>	<u>AYE</u>	<u>MOVE</u>	<u>AYE</u>
	1	2	3	4	5

**LAURA H. WELCH, CLERK OF THE BOARD**

BY \_\_\_\_\_

**DATED: April 19, 2016**

**DOLA DITCH BRIDGE REPLACEMENT PROJECT INITIAL ENVIRONMENTAL STUDY WITH MITIGATED NEGATIVE DECLARATION**  
**APRIL 19, 2016**  
**PAGE 2 OF 2**

approximately 2.08 miles east of Kelbaker Road, east of the unincorporated community of Amboy. This Project is one of several efforts that are ongoing to replace deteriorated bridges on National Trails Highway. The bridge was identified for replacement prior to the recent comprehensive bridge management project.

Section 15063 of the CEQA Guidelines (Title 14, California Code of Regulations) requires the preparation and public circulation of an initial study to evaluate the potential environmental impacts associated with a project. In addition, pursuant to Assembly Bill 52 (AB 52), which took effect on July 1 2015, CEQA requires that lead agencies consider potential impacts to tribal cultural resources and engage in a notice and consultation process with Native American tribes that request notice and consultation.

In accordance with AB 52, the Department provided notice of this Project to Native American tribes that requested such notice. The Department did not receive any requests for consultation from Native American tribes.

The Initial Study/Mitigated Negative Declaration for the Project was prepared and a Notice of Completion/Availability was circulated to responsible and trustee agencies, interested parties and surrounding property owners. The Initial Study/Mitigated Negative Declaration was also submitted to the Office of Planning and Research, State Clearinghouse for state agency review for a period of 30 days beginning December 16, 2015. Comments were received and responded to as appropriate. After mitigation, there will be no remaining potential significant impacts from the Project which would necessitate preparation of an Environmental Impact Report. Mitigation measures for the Project are summarized in the Mitigation Monitoring and Reporting Program (Exhibit A).

Staff recommends that the Board adopt findings that the construction and maintenance of the project will not have a significant effect on the environment after the implementation of mitigation measures under the CEQA Guidelines; adopt the Mitigation Monitoring and Reporting Program, and direct the Clerk of the Board to file the Notice of Determination. The Clerk of the Board of Supervisors is the custodian of the documents that constitute the record of this proceeding. The Clerk of the Board of Supervisors is located at 385 North Arrowhead Avenue, Second Floor, San Bernardino, California 92415.

**PROCUREMENT**

On April 22, 2014 (Item No. 34), the Board approved a contract with Aspen Environmental for the preparation of an Environmental Initial Study and associated environmental reports for the Project.

**REVIEW BY OTHERS**

This item has been reviewed by County Counsel (Scott M. Runyan, Deputy County Counsel, 387-5455) on March 24, 2016; Finance (Deborah Garth, Administrative Analyst, 387-5426) on March 29, 2016; and County Finance and Administration (Mary Jane Olhasso, Assistant Executive Officer, 387-4599) on April 1, 2016.

**Notice of Determination**

Filing in Compliance with §21108 or 21152 of the Public Resources Code

Receipt Number 36-04192016-215

To:  Office of Planning and Research  
1400 Tenth Street, Room 121  
Sacramento, CA 95814

From: County of San Bernardino  
Department of Public Works  
Environmental Management Division  
825 E. Third Street, Room 123  
San Bernardino, CA 92415-0835

Clerk of the Board of Supervisors  
County of San Bernardino  
385 North Arrowhead Avenue, Second Floor  
San Bernardino, CA 92415-0130

**DATE FILED & POSTED**  
Posted On: 4/19/16  
Removed On: 6/1/16

**Project Description**

Receipt No: 36-04192016-215

**Applicant**

**Title:** Dola Ditch Bridge Replacement (County Local Bridge No. 81)  
  
**Project Location:** National Trails Highway, approximately 7.7 miles east of the unincorporated community of Amboy  
  
**Project Description:** Replacement and maintenance of the Dola Ditch Bridge

San Bernardino County Dept. of Public Works  
825 E. Third Street, Room 123  
Address  
San Bernardino, CA 92415-0835  
(909) 387-8109  
Phone

**Representative**

Nancy Sansonetti, AICP, Senior Planner  
Name

State Clearinghouse Number: SCH 2014041106

Same As Applicant  
Address

Harold Zamora, P.E.  
Lead Agency Contact Person

(909) 387-8109

Same as Applicant  
Phone

This is to advise that the County of San Bernardino has approved the above described  
 Lead Agency  Responsible Agency

Project on April 19, 2016 with an effective date of May 25, 2016 and has made the following  
Date Date

Determinations regarding the above project:

- 1. The project [ will  will not] have a significant effect on the environment.
- 2.  An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA.  
 A Negative Declaration was prepared for this project pursuant to the provisions of CEQA.
- 3. Mitigation measures [ were  were not] made a condition of the approval of the project.
- 4. A statement of Overriding Considerations [ was  was not] adopted for this project.
- 5. Findings [ were  were not] made pursuant to the provisions of CEQA.

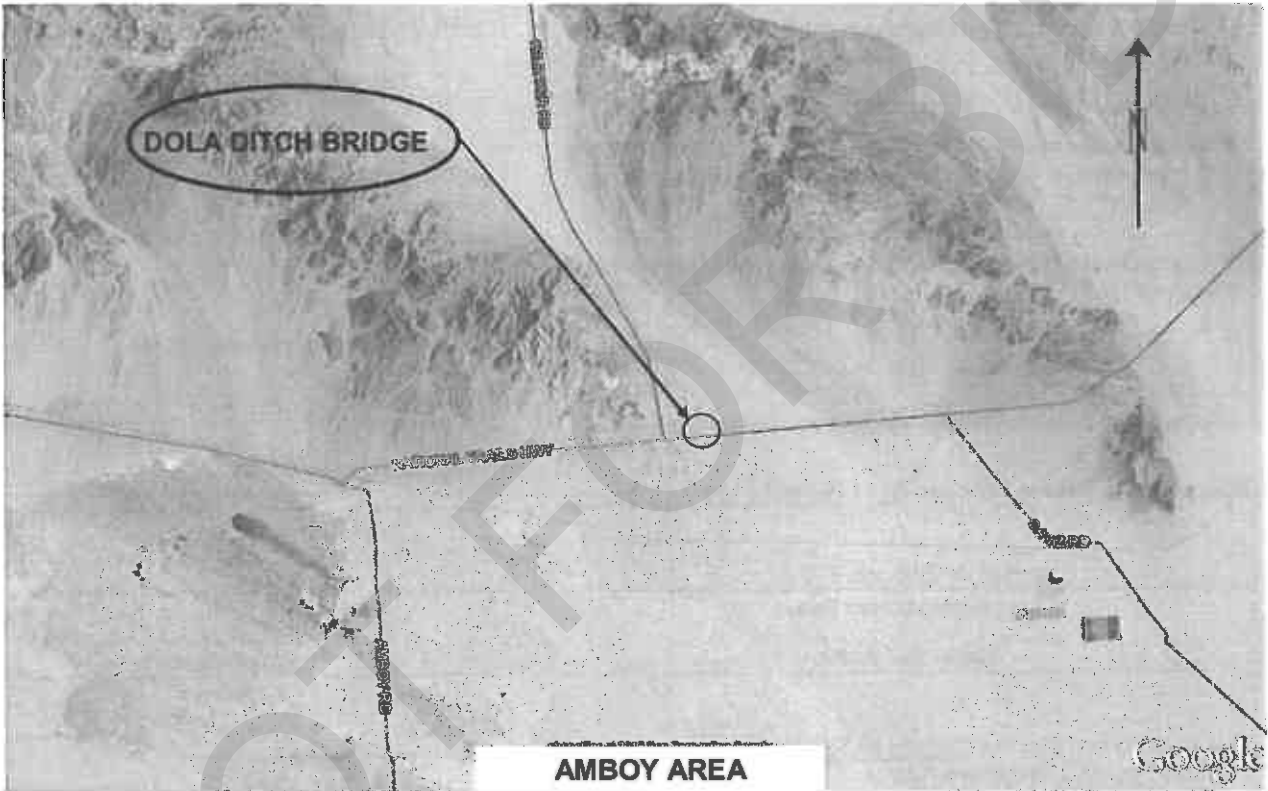
This is to certify that the final mitigated negative declaration with comments and responses and record of project approval is available to the General Public at: 825 E. Third Street, Room 123, San Bernardino, CA 92415-0835.

Harold Zamora  
Signature Harold Zamora, P.E.

Chief, Environmental Mgmt. Div.  
Title

March 23, 2016  
Date

Date received for filing at OPR: \_\_\_\_\_



**LOCATION MAP**

County Road # 586600

Work Order # HF0025



COUNTY OF SAN BERNARDINO  
DEPARTMENT OF PUBLIC WORKS

**DOLA DITCH BRIDGE**  
*National Trails Highway*  
2.08 M East of Kelbaker Road  
**BRIDGE REPLACEMENT**

Latitude: 34.5608 Longitude: -115.6062



State of California - Department of Fish and Wildlife

### 2016 ENVIRONMENTAL FILING FEE CASH RECEIPT

DFW 753.5a (Rev. 12/15/15) Previously DFG 753.5a

RECEIPT NUMBER:

36 — 04192016 — 215

STATE CLEARINGHOUSE NUMBER (If applicable)

SEE INSTRUCTIONS ON REVERSE. TYPE OR PRINT CLEARLY.

LEAD AGENCY County of San Bernardino Dept. of Public Works	LEAD AGENCY EMAIL	DATE 4/19/2016
---	-------------------	-------------------

COUNTY/STATE AGENCY OF FILING San Bernardino	DOCUMENT NUMBER
---	-----------------

PROJECT TITLE  
Dola Ditch Bridge Replacement (County Local Bridge No. 81)

PROJECT APPLICANT NAME County of San Bernardino Dept. of Public Works	PROJECT APPLICANT EMAIL	PHONE NUMBER (909) 387-8109
--	-------------------------	--------------------------------

PROJECT APPLICANT ADDRESS 825 E. Third St., Room 123	CITY San Bernardino	STATE CA	ZIP CODE 92415-0835
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PROJECT APPLICANT (Check appropriate box)

- Local Public Agency    
  School District    
  Other Special District    
  State Agency    
  Private Entity

**CHECK APPLICABLE FEES:**

- |   |            |    |          |
|---|------------|----|----------|
| <input type="checkbox"/> Environmental Impact Report (EIR)                                | \$3,070.00 | \$ | 0.00     |
| <input checked="" type="checkbox"/> Mitigated/Negative Declaration (MND)(ND)              | \$2,210.25 | \$ | 2,210.25 |
| <input type="checkbox"/> Certified Regulatory Program document (CRP)                      | \$1,043.75 | \$ | 0.00     |
| <br>  |            |    |          |
| <input type="checkbox"/> Exempt from fee  |            |    |          |
| <input type="checkbox"/> Notice of Exemption (attach)                                     |            |    |          |
| <input type="checkbox"/> CDFW No Effect Determination (attach)                            |            |    |          |
| <input type="checkbox"/> Fee previously paid (attach previously issued cash receipt copy) |            |    |          |

- |   |          |    |       |
|---|----------|----|-------|
| <input type="checkbox"/> Water Right Application or Petition Fee (State Water Resources Control Board only) | \$850.00 | \$ | 0.00  |
| <input checked="" type="checkbox"/> County documentary handling fee   |          | \$ | 50.00 |
| <input type="checkbox"/> Other  |          | \$ |       |

**PAYMENT METHOD:**

- Cash    
  Credit    
  Check    
  Other

**TOTAL RECEIVED** \$ 2,260.25

SIGNATURE  


AGENCY OF FILING PRINTED NAME AND TITLE  
 Jemina Ramirez, Deputy Clerk



State of California - Department of Fish and Wildlife

# 2016 ENVIRONMENTAL FILING FEE CASH RECEIPT

DFW 753.5a (Rev. 12/15/15) Previously DFG 753.5a

## NOTICE

Each project applicant shall remit to the county clerk the environmental filing fee before or at the time of filing a Notice of Determination (Pub. Resources Code, § 21152; Fish & G. Code, § 711.4, subdivision (d); Cal. Code Regs., tit. 14, § 753.5). Without the appropriate fee, statutory or categorical exemption, or a valid No Effect Determination issued by the California Department of Fish and Wildlife (CDFW), the Notice of Determination is not operative, vested, or final, and shall not be accepted by the county clerk.

## COUNTY DOCUMENTARY HANDLING FEE

The county clerk may charge a documentary handling fee of fifty dollars (\$50) per filing in addition to the environmental filing fee (Fish & G. Code, § 711.4, subd. (e); Cal. Code Regs., tit. 14, § 753.5, subd. (g)(1)). A county board of supervisors shall have the authority to increase or decrease the fee or charge, that is otherwise authorized to be levied by another provision of law, in the amount reasonably necessary to recover the cost of providing any product or service or the cost of enforcing any regulation for which the fee or charge is levied (Gov. Code, § 54985, subd. (a)).

## COLLECTION PROCEDURES FOR COUNTY GOVERNMENTS

### Filing Notice of Determination (NOD):

- Collect environmental filing fee or copy of previously issued cash receipt. *(Do not collect fee if project applicant presents a No Effect Determination signed by CDFW. An additional fee is required for each separate environmental document. An addendum is not considered a separate environmental document. Checks should be made payable to the county.)*
- Issue cash receipt to project applicant.
- Attach copy of cash receipt and, if applicable, previously issued cash receipt, to NOD.

If the project applicant presents a **No Effect Determination** signed by CDFW, also:

- Attach No Effect Determination to NOD *(no environmental filing fee is due)*.

### Filing Notice of Exemption (NOE) *(Statutorily or categorically exempt project (Cal. Code Regs., tit. 14, §§ 15260-15285, 15300-15333))*

- Issue cash receipt to project applicant.
- Attach copy of cash receipt to NOE *(no environmental filing fee is due)*.

Within 30 days after the end of each month in which the environmental filing fees are collected, each county shall summarize and record the amount collected on the monthly State of California Form No. CA25 (TC31) and remit the amount collected to the State Treasurer. Identify the remittance on Form No. CA25 as "Environmental Document Filing Fees" per Fish and Game Code section 711.4.

### The county clerk shall mail the following documents to CDFW on a monthly basis:

- ✓ A photocopy of the monthly State of California Form No. CA25 (TC31);
- ✓ CDFW/ASB copies of all cash receipts (including all voided receipts);
- ✓ A copy of all CDFW No Effect Determinations filed in lieu of fee payment;
- ✓ A copy of all NODs filed with the county during the preceding month; and
- ✓ A list of the name, address and telephone number of all project applicants for which an NOD has been filed. If this information is contained on the cash receipt filed with CDFW under California Code of Regulations, title 14, section 753.5, subdivision (e)(6), no additional information is required.

## DOCUMENT RETENTION

The county shall retain two copies of the cash receipt (for lead agency and county clerk) and a copy of all documents described above for at least 12 months.

## RECEIPT NUMBER

- # The first two digits automatically populate by making the appropriate selection in the County/State Agency of Filing drop down menu.
- # The next eight digits automatically populate with the current month, day, and year.
- # The last three digits correspond with the sequential order of issuance for each calendar year. For example, the first receipt number issued on January 1 should end in 001. If a county issued 252 receipts for the year ending on December 31, the last receipt number should end in 252. CDFW recommends that counties and state agencies save a local copy of this form. Each time the form is opened on the same computer, the last three digits will automatically populate in sequence. However, CDFW recommends that counties track receipt numbers on a spreadsheet tabbed by month to ensure accuracy.

**DO NOT COMBINE THE ENVIRONMENTAL FEES WITH THE STATE SHARE OF FISH AND WILDLIFE FEES.**

### Mail to:

California Department of Fish and Wildlife  
Accounting Services Branch  
1416 9th Street, 12th Floor, Suite 1266  
Sacramento, California 95817

**REPORT/RECOMMENDATION TO THE BOARD OF SUPERVISORS  
OF SAN BERNARDINO COUNTY, CALIFORNIA  
AND RECORD OF ACTION**

April 19, 2016

**FROM: GERRY NEWCOMBE, Director  
Department of Public Works - Transportation**

**SUBJECT: LANZIT DITCH BRIDGE REPLACEMENT PROJECT INITIAL  
ENVIRONMENTAL STUDY WITH MITIGATED NEGATIVE DECLARATION**

**RECOMMENDATION(S)**

1. Adopt the Mitigated Negative Declaration for the replacement and maintenance of the Lanzit Ditch Bridge on National Trails Highway (Project).
  2. Adopt the Mitigation Monitoring and Reporting Program for the Project.
  3. Approve the Project as defined in the Initial Study/Mitigated Negative Declaration.
  4. Direct the Clerk of the Board to file the Notice of Determination for the Project.
- (Presenter: Gerry Newcombe, Director, 387-7906)

**BOARD OF SUPERVISORS COUNTY GOALS AND OBJECTIVES**

**Ensure Development of a Well-Planned, Balanced, and Sustainable County.  
Provide for the Safety, Health and Social Service Needs of County Residents.**

**FINANCIAL IMPACT**

Approval of this item will not result in the use of Discretionary General Funding (Net County Cost). The requested administrative actions will have minimal financial impact and sufficient appropriation and revenue were included in the Department of Public Works (Department) 2015-16 Road Operations budget (SAA TRA TRA 12HF0026).

**BACKGROUND INFORMATION**

The California Environmental Quality Act (CEQA) Guidelines require that an environmental document be prepared, circulated for public review and comment, as well as be reviewed and adopted by the Board of Supervisors (Board) prior to the Board's approval of a project. The Project's environmental document, an Initial Study/Mitigated Negative Declaration, determined that no significant environmental effects would occur as a result of this Project because mitigation measures will be implemented to reduce all potentially significant impacts to less than significant levels.

The Project involves the replacement of a 1930s era timber trestle bridge, known as the Lanzit Ditch Bridge (County Local Bridge No. 82, California Department of Transportation Bridge No. 54C0286) with a new, engineered timber bridge. This bridge is located on County-maintained National Trails Highway, otherwise known as California U.S. Highway 66/National Trails Highway and traditionally known as Route 66. The Lanzit Ditch Bridge is located in San Bernardino

Page 1 of 2

cc: Transportation-Newcombe w/NOD  
CAO-Garth  
File - Transportation w/ NOD&CD  
jr 4/20/16

**ITEM 50**

Record of Action of the Board of Supervisors  
**APPROVED (CONSENT CALENDAR)**  
COUNTY OF SAN BERNARDINO  
Board of Supervisors

MOTION	<u>SECOND</u>	<u>AYE</u>	<u>AYE</u>	<u>MOVE</u>	<u>AYE</u>
	1	2	3	4	5

**LAURA H. WELCH, CLERK OF THE BOARD**

BY \_\_\_\_\_

**DATED: April 19, 2016**

**LANZIT DITCH BRIDGE REPLACEMENT PROJECT INITIAL  
ENVIRONMENTAL STUDY WITH MITIGATED NEGATIVE DECLARATION  
APRIL 19, 2016  
PAGE 2 OF 2**

County, approximately 2.77 miles east of Keibaker Road, east of the unincorporated community of Amboy. This Project is one of several efforts that are ongoing to replace deteriorated bridges on National Trails Highway. The bridge was identified for replacement prior to the recent comprehensive bridge management project.

Section 15063 of the CEQA Guidelines (Title 14, California Code of Regulations) requires the preparation and public circulation of an initial study to evaluate the potential environmental impacts associated with a project. In addition, pursuant to Assembly Bill 52 (AB 52), which took effect on July 1 2015, CEQA requires that lead agencies consider potential impacts to tribal cultural resources and engage in a notice and consultation process with Native American tribes that request notice and consultation.

In accordance with AB 52, the Department provided notice of this Project to Native American tribes that had previously requested such notice. The Department did not receive any requests for consultation from Native American tribes.

The Initial Study/Mitigated Negative Declaration for the Project was prepared and a Notice of Completion/Availability was circulated to responsible and trustee agencies, interested parties and surrounding property owners. The Initial Study/Mitigated Negative Declaration was also submitted to the Office of Planning and Research, State Clearinghouse for state agency review for a period of 30 days beginning December 16, 2015. Comments were received and responded to as appropriate. After mitigation, there will be no remaining potential significant impacts from the Project which would necessitate preparation of an Environmental Impact Report. Mitigation measures for the Project are summarized in the Mitigation Monitoring and Reporting Program (Exhibit A).

Staff recommends that the Board adopt findings that the construction and maintenance of the project will not have a significant effect on the environment after the implementation of mitigation measures under the CEQA Guidelines; adopt the Mitigation Monitoring and Reporting Program; and direct the Clerk of the Board to file the Notice of Determination. The Clerk of the Board of Supervisors is the custodian of the documents that constitute the record of this proceeding. The Clerk of the Board of Supervisors is located at 385 North Arrowhead Avenue, Second Floor, San Bernardino, California 92415.

#### **PROCUREMENT**

On April 22, 2014 (Item No. 34), the Board approved a contract with Aspen Environmental for the preparation of an Environmental Initial Study and associated environmental reports for the Project.

#### **REVIEW BY OTHERS**

This item has been reviewed by County Counsel (Scott M. Runyan, Deputy County Counsel, 387-5455) on March 24, 2016; Finance (Deborah Garth, Administrative Analyst, 387-5426) on March 29, 2016; and County Finance and Administration (Mary Jane Olhasso, Assistant Executive Officer, 387-4599) on April 1, 2016.

**Notice of Determination**

Filing in Compliance with §21108 or 21152 of the Public Resources Code

Receipt Number 36-04192016-214

To:  Office of Planning and Research  
1400 Tenth Street, Room 121  
Sacramento, CA 95814  
  
 Clerk of the Board of Supervisors  
County of San Bernardino  
385 North Arrowhead Avenue, Second Floor  
San Bernardino, CA 92415-0130

From: County of San Bernardino  
Department of Public Works  
Environmental Management Division  
825 E. Third Street, Room 123  
San Bernardino

**DATE FILED & POSTED**

Posted On: 4/19/16

Removed On: 6/1/16

Receipt No: 36-04192016-214

**Project Description**

**Title:** Lanzit Ditch Bridge Replacement (County Local Bridge No. 82)  
  
**Project Location:** National Trails Highway, approximately 8.4 miles east of the unincorporated community of Amboy  
  
**Project Description:** Replacement and maintenance of the Lanzit Ditch Bridge

Applicant

San Bernardino County Dept. of Public Works

825 E. Third Street, Room 123

Address

San Bernardino, CA 92415-0835

(909) 387-8109

Phone

**Representative**

Nancy Sansonetti, AICP, Senior Planner

Name

Same As Applicant

Address

Same as Applicant

Phone

State Clearinghouse Number: SCH 2014041106

Harold Zamora, P.E.

Lead Agency Contact Person

(909) 387-8109

This is to advise that the County of San Bernardino has approved the above described

Lead Agency  Responsible Agency

Project on April 19, 2016 with an effective date of May 25, 2016 and has made the following

Date

Date

Determinations regarding the above project:

1. The project [ will  will not] have a significant effect on the environment.
2.  An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA.  
 A Negative Declaration was prepared for this project pursuant to the provisions of CEQA.
3. Mitigation measures [ were  were not] made a condition of the approval of the project.
4. A statement of Overriding Considerations [ was  was not] adopted for this project.
5. Findings [ were  were not] made pursuant to the provisions of CEQA.

This is to certify that the final mitigated negative declaration with comments and responses and record of project approval is available to the General Public at: 825 E. Third Street, Room 123, San Bernardino, CA 92415-0835.

Harold Zamora  
Signature Harold Zamora, P.E.

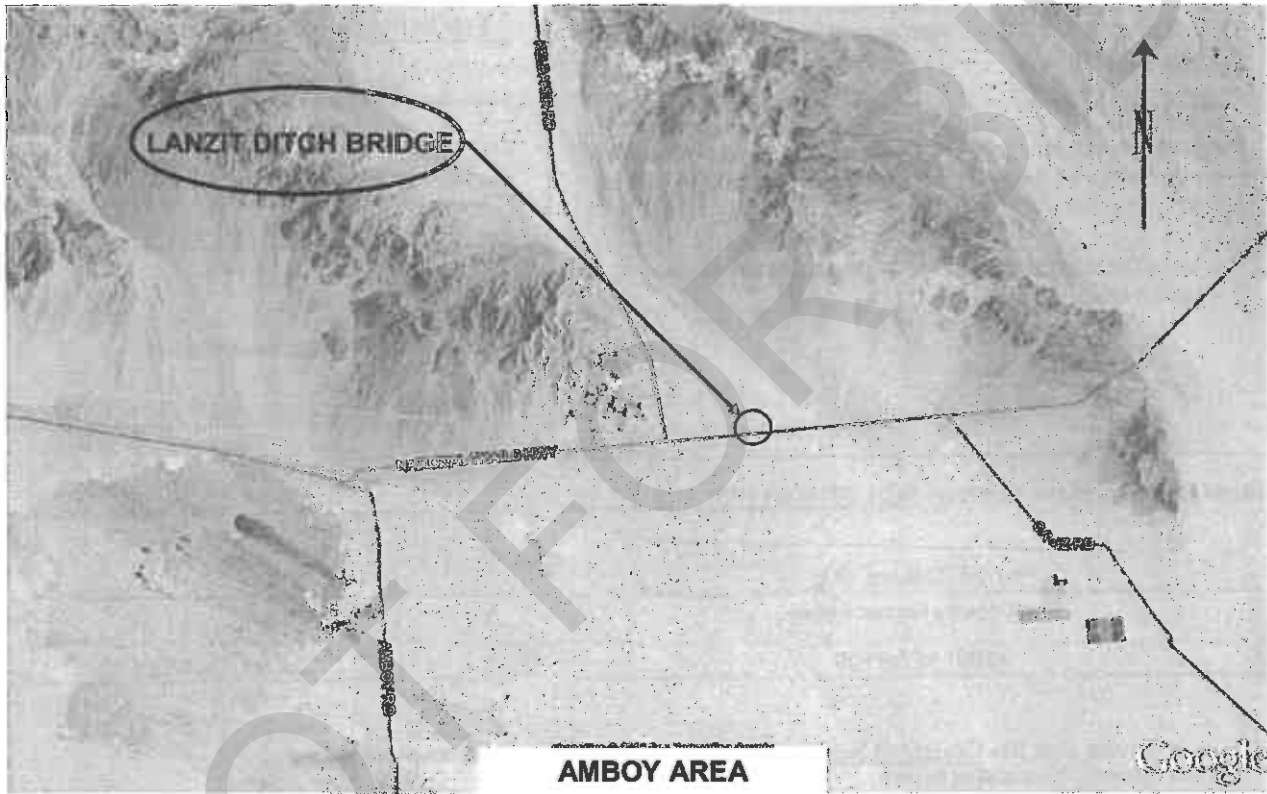
Chief, Environmental Mgmt. Div.

March 23, 2016

Title

Date

Date received for filing at OPR: \_\_\_\_\_



**LOCATION MAP**

County Road # 586600

Work Order # HF0026



COUNTY OF SAN BERNARDINO  
DEPARTMENT OF PUBLIC WORKS

**LANZIT DITCH BRIDGE**  
*National Trails Highway*  
2.77 M East of Kelbaker Road  
**BRIDGE REPLACEMENT**

Latitude: 34.5610 Longitude: -115.5942



State of California - Department of Fish and Wildlife  
**2016 ENVIRONMENTAL FILING FEE CASH RECEIPT**  
 DFW 753.5a (Rev. 12/15/15) Previously DFG 753.5a

RECEIPT NUMBER: 36 — 04192016 — 214
STATE CLEARINGHOUSE NUMBER (if applicable)

SEE INSTRUCTIONS ON REVERSE. TYPE OR PRINT CLEARLY.

LEAD AGENCY County of San Bernardino Dept. of Public Works	LEAD AGENCY EMAIL	DATE 4/19/2016
COUNTY/STATE AGENCY OF FILING San Bernardino	DOCUMENT NUMBER	

PROJECT TITLE Lanzit Ditch Bridge Replacement (County Local Bridge No. 82)			
PROJECT APPLICANT NAME County of San Bernardino Dept. of Public Works	PROJECT APPLICANT EMAIL	PHONE NUMBER (909) 387-8109	
PROJECT APPLICANT ADDRESS 825 E. Third St., Room 123	CITY San Bernardino	STATE CA	ZIP CODE 92415-0835

PROJECT APPLICANT (Check appropriate box)

Local Public Agency    
  School District    
  Other Special District    
  State Agency    
  Private Entity

CHECK APPLICABLE FEES:

<input type="checkbox"/> Environmental Impact Report (EIR)	\$3,070.00	\$	0.00
<input checked="" type="checkbox"/> Mitigated/Negative Declaration (MND)(ND)	\$2,210.25	\$	2,210.25
<input type="checkbox"/> Certified Regulatory Program document (CRP)	\$1,043.75	\$	0.00
<input type="checkbox"/> Exempt from fee			
<input type="checkbox"/> Notice of Exemption (attach)			
<input type="checkbox"/> CDFW No Effect Determination (attach)			
<input type="checkbox"/> Fee previously paid (attach previously issued cash receipt copy)			
<hr/>			
<input type="checkbox"/> Water Right Application or Petition Fee (State Water Resources Control Board only)	\$850.00	\$	0.00
<input checked="" type="checkbox"/> County documentary handling fee		\$	50.00
<input type="checkbox"/> Other		\$	

PAYMENT METHOD:

Cash    
  Credit    
  Check    
  Other **TOF**

TOTAL RECEIVED \$ 2,260.25

SIGNATURE x	AGENCY OF FILING PRINTED NAME AND TITLE Jemina Ramirez, Deputy Clerk
----------------	---

# **Dola and Lanzit Ditch Bridge Replacement Project**

Addendum to the  
Dola and Lanzit Ditch Bridge Replacement Project MNDs  
(SCH# 2015121047, 2015121048)

## **Lead Agency:**

County of San Bernardino  
Department of Public Works  
825 East Third Street  
San Bernardino, California 92415



## **Technical Assistance Provided by:**



August 2023

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NOT FOR BID

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- B. Biological Resources Technical Report
- C. Aquatic Resources Delineation Report

# Acronyms

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AB	Assembly Bill
AMSL	above mean sea level
APE	Area of Potential Effect
AVAQMD	Antelope Valley Air Quality Management District
BO	Biological Opinion
CARB	California Air Resources Board
CalEEMod	California Emissions Estimator Model
CAL FIRE	California Department of Forestry and Fire Protection
CBC	California Building Code
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CH <sub>4</sub>	methane
CNEL	Community Noise Equivalent Level
CO	Carbon Monoxide
CO <sub>2</sub>	carbon dioxide
CO <sub>2</sub> e	carbon dioxide equivalent
CRHR	California Register of Historical Resources
CRPR	California Rare Plant Rank
CWA	Clean Water Act
DOC	Department of Conservation
DRECP	Desert Renewable Energy Conservation Plan
DTSC	Department of Toxic Substances Control
EIR	Environmental Impact Report
EKAPCD	Eastern Kern Air Pollution Control District
ESA	Endangered Species Act
FEMA	Federal Emergency Management Agency
FHSZ	fire hazard severity zones
FMMP	Farmland Mapping and Monitoring Program
GCC	Global climate change
GHG	greenhouse gas
H <sub>2</sub> O	water vapor
HFC	hydrofluorocarbon
IPCC	Intergovernmental Panel on Climate Change
LOS	Level of Service
MDAB	Mojave Desert Air Basin
MDAQMD	Mojave Desert Air Quality Management District
MRZ	Mineral Resource Zones
MT	metric tons
N <sub>2</sub> O	nitrous oxide
NO <sub>x</sub>	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Properties
NTH	National Trails Highway
PFC	perfluorocarbon
PM <sub>2.5</sub>	particulate matter (less than 2.5 microns in diameter)
PM <sub>10</sub>	particulate matter (less than 10 microns in diameter)

PPV	peak particle velocity
PRC	Public Resources Code
PRMP	Paleontological Resources Management Plan
RE	Resident Engineer
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SCAQMD	South Coast Air Quality Management District
SCCIC	South Central Coastal Information Center
SF6	sulfur hexafluoride
SMARA	Surface Mining and Reclamation Act
SOX	Sulfur Oxides
STATSGO	State Soil Geographic
SVP	Society of Vertebrate Paleontology
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TCR	Tribal cultural resources
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
VdB	vibration decibels
VMT	vehicle miles traveled
VOC	Volatile Organic Compounds
WATCH	Work Area Traffic Control Handbook
WEAP	Worker Environmental Awareness Program
WEMO	West Mojave

# 1. Introduction

---

## 1.1 Purpose of this Addendum

In 2016, the County of San Bernardino Department of Public Works (County) prepared two Initial Studies/Mitigated Negative Declarations (IS/MNDs) for the Dola Ditch Bridge Replacement Project and Lanzit Ditch Bridge Replacement Project. The Dola Ditch and Lanzit Ditch Bridge Replacement Projects were proposed to replace existing and structurally deficient timber trestle bridges along National Trails Highway, known as California U.S. Highway 66/National Trails Highway (CA Highway 66/NTH) in San Bernardino County with new, engineered timber bridges. The former timber trestle bridges were originally constructed in 1930 to span over man-made ditches and were classified as Structurally Deficient, as they were in service much longer than their original designed lifespan. The IS/MNDs analyzed the effects of replacing the structurally deficient 1930/1931 bridges and included mitigation measures to reduce potential impacts.

The County is in the process of redesigning the bridges due to recent inspections finding structural damage, and proposes to reconstruct the bridges with concrete instead of timber. The purpose of this Addendum to the IS/MNDs is to evaluate the site-specific environmental effects associated with the proposed Dola and Lanzit Ditch Bridge Replacement Project (proposed Project) and determine whether these impacts are consistent with the evaluation presented in the IS/MNDs in compliance with the California Environmental Quality Act (CEQA) (Public Resources Code Sections 21000 et seq.) and the State CEQA Guidelines (California Code of Regulations Sections 15000 et seq.).

## 1.2 CEQA Requirements

An Addendum to an MND is the appropriate tool to evaluate the environmental effects associated with minor technical changes necessary to previously approved projects. In the case of an MND, if the agency finds that pursuant to State CEQA Guidelines Section 15162 (see below), no new effects could occur or new mitigation measures would be required, the agency (County) can approve the proposed activity as being within the scope of the projects covered by the MNDs, and no new environmental document would be required.

According to State CEQA Guidelines Section 15164(b), “an addendum to an adopted negative declaration may be prepared if only minor technical changes or additions are necessary or none of the conditions described in Section 15162 calling for the preparation of a subsequent Environmental Impact Report (EIR) or negative declaration have occurred.” An addendum may be prepared if only minor technical changes or additions are necessary. A brief explanation of the decision not to prepare a subsequent MND must also be provided in the addendum, findings or the public record.

State CEQA Guidelines Section 15162 lists the conditions that would require the preparation of a subsequent EIR or negative declaration rather than an addendum. These include the following:

1. Substantial changes are proposed in the project which will require major revisions of the previous EIR or negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects;
2. Substantial changes occur with respect to the circumstances under which the project is undertaken which will require major revisions of the previous EIR or negative declaration

due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; or

3. New information of substantial importance which was not known and could not have been known with the exercise of reasonable diligence at the time the previous EIR was certified as complete or the negative declaration was adopted, shows any of the following:
  - a. The project will have one or more significant effects not discussed in the previous EIR or negative declaration;
  - b. Significant effects previously examined will be substantially more severe than shown in the previous EIR;
  - c. Mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measures or alternative; or
  - d. Mitigation measures or alternatives which are considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative.

The proposed Project is described in detail within Section 2 of this Addendum, and the analysis of this project would be as described and analyzed in the MND. The proposed Project has been reviewed by the County of San Bernardino in light of State CEQA Guidelines Sections 15162 (see Section 3). As the CEQA Lead Agency, the County of San Bernardino has determined, based on the analysis presented herein, that none of the conditions apply which would require preparation of a subsequent MND and that an Addendum to the certified MNDs is the appropriate environmental documentation under CEQA for the proposed Project.

Section 3 discusses issue-by-issue how the impacts anticipated for the proposed Project would be within those previously identified in the MNDs. The Mitigation Monitoring and Reporting Programs (MMRPs) adopted with the MNDs would continue to apply to the proposed Project to ensure all significant impacts are reduced to a less-than-significant level.

### **1.3 Adopted Protective Measures**

The IS/MNDs identified Protective Measures (PMs) to protect biological resources consistent with the Biological Opinion (BO) for Routine Highway Improvement, Maintenance Activities, and Safety Projects for Imperial, Inyo, Kern, Los Angeles, Riverside, and San Bernardino Counties, California (USFWS, 2013). The County will implement all applicable PMs, specified below, in coordination with Caltrans.

The County will implement a series of PMs for desert tortoise based on the PMs identified in the BO for similar projects on Caltrans rights-of-way (USFWS, 2013). Several of the BO's desert tortoise PMs are supplemented to provide minimization or avoidance for other biological resources, as follows:

- All PMs: A qualified biologist assigned by the County will conduct pre-construction surveys, construction monitoring, and related tasks for all biological resources including desert tortoise. No handling or other take of desert tortoise is proposed, and the County's Project Biologist will not be authorized to handle a desert tortoise.

- PM-5: Preconstruction clearance surveys will address desert tortoises and their burrows, as well as other biological resources, including burrowing owl, desert kit fox, other special-status wildlife, or protected nesting birds. The results of preconstruction clearance surveys will be submitted to CDFW. If necessary, the Project Biologist will use a video device mounted on flexible extender to determine if a burrow is occupied. If a burrowing owl or desert kit fox is present within a burrow, project construction will be delayed until the animal leaves the area. The County may employ “passive exclusion” methods for burrowing animals, if needed. The County also may use plastic sheeting or similar material to prevent birds from nesting on the bridge substructure. If an active bird nest is located on or adjacent to the work site, the Project Biologist will designate and flag an appropriate buffer area around the nest where Project activities will not be permitted. The buffer area will be based on the bird species and bird surveys. The breeding season is approximately January 1 through September 1; therefore activities conducted from September 2 through December 31 would not require preconstruction nesting bird surveys. No burrowing owl, desert kit fox, or active bird nest will be handled or disturbed for the project.
  - PM-11: Biological monitoring will address all biological resources. The Project Biologist or another qualified biological resources monitor will be present on the work site during any initial vegetation clearing or other site preparation and on a daily basis to document compliance with the avoidance and minimization measures and any additional mitigation, and to provide guidance in avoiding or minimizing impacts to biological resources.
  - PM-6: The worker training program will include all requirements of PM 6, and will ensure that all workers on the Project site are aware of all applicable Conservation Measures for biological resources. Specifically, workers will be required to (1) limit all activities to approved work areas; (2) report any desert tortoise, burrowing owl, or other special-status species, or bird nest observation in the work areas and access routes to the supervisor or Project Biologist; (3) avoid contact with any wildlife that may approach a work area and be aware of potential venomous reptile bites from carelessness or unnecessary harassment; (4) pick up and properly dispose of any food, trash or construction refuse; and (5) report any spilled materials (oil, fuel, solvent, engine coolant, raw concrete, or other material potentially hazardous to wildlife), to the supervisor or on-site Project Biologist. During the training, the instructor will briefly discuss special-status species that may occur in the work areas, their habitats, and requirements to avoid or minimize impacts. In addition, all workers will be informed of civil and criminal penalties for violations of the federal ESA, the Migratory Bird Treaty Act, and the Bald and Golden Eagle Protection Act.
- PM-1 The County will submit the name and qualifications of one or more biologists to serve as Project Biologist to Caltrans for review prior to beginning on-site activities. The County will provide the Project Biologist with contact information for the County Resident Engineer (RE) prior to the beginning of on-site activities.
- Additionally, consistent with Protective Measures 1 through 3: The Project Biologist will conduct pre-construction surveys, construction monitoring, and related tasks for all biological resources including desert tortoise.
- PM-2 The County designated Project Biologist will be responsible for overseeing compliance with all protective measures and for coordination with the Service. The Project Biologist will immediately notify the RE of project activities that may result in take or adverse effects to a desert tortoise. In such an event, the RE can halt all construction activities until all protective measures are being fully implemented, as determined by the Project Biologist.

PM-3 The County RE has authority over the contract and is responsible for all aspects of the specific projects to which he or she is assigned. The RE has the authority to stop work on a project. The Project Biologist will have the authority to halt any activity, through the RE or other identified authority in charge of implementation that may pose a threat to desert tortoises and to direct movements of equipment and personnel to avoid injury or mortality to desert tortoise.

PM-4 No desert tortoise will be handled or taken for the project.

PM-5 Immediately prior to the start of any ground-disturbing activities and prior to the installation of any desert tortoise exclusion fencing, clearance surveys for the desert tortoise will be conducted by the Project Biologist. The entire project area will be surveyed for desert tortoise and their burrows by the Project Biologist before the start of any ground-disturbing activities following the 2010 field survey protocol (Service 2010) or more current approved protocol. If burrows are found, they will be examined by the Project Biologist to determine if desert tortoises are present. If a tortoise is present, construction activities will be postponed until the tortoise has left the work area. If desert tortoises are found at a project site where the Project Biologist had previously concluded they were unlikely to occur, the County will contact Caltrans and the Service to determine if the implementation of additional protective measures would be appropriate.

Additionally, consistent with Protective Measure 5: Preconstruction clearance surveys will address other biological resources, including burrowing owl, desert kit fox, other special-status wildlife, or protected nesting birds. If necessary, the Project Biologist will use a video device mounted on flexible extender to determine if a burrow is occupied. If a burrowing owl or desert kit fox is present within a burrow, project construction will be delayed until the animal leaves the area. The County may employ “passive exclusion” methods for burrowing animals, if needed. The County also may use plastic sheeting or similar material to prevent birds from nesting on the bridge substructure. If an active bird nest is located on or adjacent to the work site, the Project Biologist will designate and flag an appropriate buffer area around the nest where Project activities will not be permitted. The buffer area will be based on the bird species and nature of Project activity. Project activities outside of the breeding season would require no nesting bird surveys. The breeding season is approximately January 1 through September 1; therefore, activities conducted from September 2 through December 31 would require no preconstruction nesting bird surveys. No burrowing owl, desert kit fox, or active bird nest will be handled or disturbed for the project.

PM-6 An education program will be developed and presented by the Project Biologist prior to the onset of ground-disturbing activities. All onsite personnel including surveyors, construction engineers, employees, contractors, contractor’s employees, supervisors, inspectors, subcontractors, and delivery personnel employed for a project will be required to participate in an education program regarding the desert tortoise before performing on-site work. The program will consist of a class presented by the Project Biologist or a video, provided the Project Biologist is present to answer questions. Wallet-sized cards or a one-page handout with important information for workers to carry are recommended as a future reference and a reminder of the program’s content. The program will cover the following topics at a minimum:

- the distribution, general behavior, and ecology of the desert tortoise;

- its sensitivity to human activities;
- the protection it is afforded by the Endangered Species Act;
- penalties for violations of State and Federal laws;
- notification procedures by workers or contractors if a tortoise is found in a construction area, and;
- protective measures specific to each project.

Additionally, consistent with Protective Measure 6: The worker training program will include all requirements of Protective Measure 6, and will ensure that all workers on the Project site are aware of all applicable Conservation Measures for biological resources. Specifically, workers will be required to (1) limit all activities to approved work areas; (2) report any desert tortoise, burrowing owl, or other special-status species, or bird nest observation in the work areas and access routes to the supervisor or Project Biologist; (3) avoid contact with any wildlife that may approach a work area and be aware of potential venomous reptile bites from carelessness or unnecessary harassment; (4) pick up and properly dispose of any food, trash or construction refuse; and (5) report any spilled materials (oil, fuel, solvent, engine coolant, raw concrete, or other material potentially hazardous to wildlife), to the supervisor or on-site Project Biologist. During the training, the instructor will briefly discuss special-status species that may occur in the work areas, their habitats, and requirements to avoid or minimize impacts. In addition, all workers will be informed of civil and criminal penalties for violations of the federal ESA, the Migratory Bird Treaty Act, and the Bald and Golden Eagle Protection Act.

- PM-7 Whenever project vehicles are parked outside of a fence that is intended to preclude entry by desert tortoises, workers will check under the vehicle before moving it. If a desert tortoise is beneath the vehicle, the worker will notify the Project Biologist or an approved desert tortoise monitor. The tortoise will be allowed to leave the area on its own and the vehicle will not be moved until the tortoise is a safe distance away. If the Project Biologist is not present on-site, the RE or supervisor must notify the Project Biologist. Workers will not be allowed to capture, handle, or relocate tortoises.
- PM-8 The area of disturbance will be confined to the smallest practical area, considering topography, placement of facilities, location of burrows, public health and safety, and other limiting factors. This measure includes temporary haul roads, staging/storage areas, or access roads. Work area boundaries will be clearly and distinctly delineated with flagging or other marking to minimize surface disturbance associated with vehicle movement. Special habitat features, such as desert tortoise burrows, will be identified and marked as environmentally sensitive areas by the Project Biologist, if they are to be avoided and will be discussed and identified during the worker education program. Previously disturbed areas will be used for equipment storage, office trailer locations, and vehicle parking. The development of all temporary access and work roads associated with construction will be minimized and constructed without blading where feasible. Project-related vehicle traffic will be restricted to established roads, construction areas, staging or storage areas, and parking areas. The County RE or Project Biologist will ensure that blading is conducted only where necessary.
- PM-9 The County will require all contractors to comply with the Endangered Species Act in the performance of work necessary for project completion. Evidence of compliance is

required prior to the County accepting or receiving materials or goods produced from outside of the right-of-way or through the use of facilities located outside of the right-of-way, including but not limited to, non-commercial batch plants, haul roads, quarries, and similar operations. Copies of the compliance documents will be maintained at the worksite by the RE.

PM-10 The County is responsible for ensuring that all protective measures are being fully implemented. If the County determines, or is notified by the Project Biologist, that one or more protective measures are not being fully implemented, he or she will halt all activities that are out of compliance until all problems have been remedied. All workers, Project Biologists, and biological monitors will be required to notify the County of any such problem they notice. The County must always be able to contact the Project Biologist or another qualified biologist to resolve any unforeseen issues.

PM-11 The County will determine whether the presence of Project Biologists will be required during project activities for any activities conducted within a desert tortoise exclusion fence. In general, where the risk to desert tortoises is low, the Project Biologist will be present at the onset of the project to ensure protective measures are in place and will, if necessary (for example, for projects that will require a substantial length of time to complete), conduct periodic field checks to ensure compliance.

Additionally, consistent with Protective Measure 11: Biological monitoring will address all biological resources. The Project Biologist or another qualified biological resources monitor will be present on the work site during any initial vegetation clearing or other site preparation and on a daily basis to document compliance with the avoidance and minimization measures and any additional mitigation, and to provide guidance in avoiding or minimizing impacts to biological resources.

PM-12 Temporary exclusion fencing will be used to prevent entry by desert tortoises into a work site. Exclusion fencing will be installed following Service guidelines (2005) or more current protocol, and conform to other applicable Protective Measures (e.g., 30-36). Fencing will not be installed across the wash crossing within the work area (Protective Measure 35). The Project Biologist will ensure that desert tortoises cannot pass under, over, or around the fence. If such a fence is used, Project Biologists or desert tortoise monitors will not be required to be present at the site at all times. However, the Project Biologist must periodically check the fenced area to search for breaks in the fence and to ensure no desert tortoises have breached the fence. Preconstruction surveys for tortoise and tortoise sign will be performed within all proposed construction areas prior to the fence being installed. In addition, prior to ground disturbing activities beginning in a previously undisturbed or unfenced area, preconstruction surveys will be performed. PM-13 The project is not expected to cause injury or mortality to a desert tortoise. Nevertheless, if a dead or injured tortoise is observed, then all project activities will stop. Reinitiation of consultation with USFWS will occur to receive incidental take exemption for the project.

PM-16 When feasible or practicable, construction vehicles will be cleaned of all mud, dirt, and debris from other sites prior to entering the project area. The purpose of this measure is to minimize the spread of weedy plant species that may degrade desert tortoise habitat.

- PM-17 Except on maintained public roads designated for higher speeds or within a desert tortoise-proof fenced area, driving speed will not exceed 20 miles per hour through potential desert tortoise habitat on both paved and unpaved roads.
- PM-18 Any fuel or other hazardous materials spills will be promptly cleaned up; any leaks from equipment will be stopped and repaired immediately. Vehicle and equipment fluids that are no longer useful will be transported to an appropriate off-site disposal location. Fuel and lubricant storage and dispensing locations will be constructed to fully contain spilled materials until disposal can occur. Hazardous waste, including used motor oil waste and coolant, will be stored and transferred in a manner consistent with applicable regulations and guidelines.
- PM-19 Desert tortoise habitat that is temporarily affected during project construction (e.g., temporary access roads, work areas, and staging areas) will be revegetated following construction. Revegetation will include alleviating soil compaction, returning the surface to its original contour, and broadcasting locally collected seed immediately prior to the rainy season. Temporary access roads and work areas, outside of the ROW, will be re-contoured as needed, revegetated, and stabilized.
- PM-20 Plant species listed in Lists A and B of the California Exotic Pest Plant Council's list of exotic pest plants (latest edition) will not be used to restore or stabilize areas within or near desert tortoise habitat.
- PM-21 Upon completion of construction, all refuse, including, but not limited to equipment parts, wrapping material, cable, wire, strapping, twine, buckets, metal or plastic containers, and boxes will be removed from the site and disposed of properly.
- PM-22 No firearms or pets, including dogs, will be allowed within the work area. Firearms carried by authorized security and law enforcement personnel and working dogs under the control of a handler will be exempt from this protective measure.
- PM-23 To preclude attracting predators, such as the common raven (*Corvus corax*) and coyotes (*Canis latrans*), food-related trash items will be removed daily from the work site and disposed of at an approved refuse disposal site. Workers are prohibited from feeding all wildlife.
- PM-24 Sandblasted material will either be vacuum-retrieved or contained by a tarp. All refuse material from sandblasting will be disposed of in compliance with Federal law.
- PM-25 During all off-road cross-country travel outside of any area surrounded by desert tortoise-proof fencing, the Project Biologist will select and flag the access route to avoid burrows and minimize disturbance of vegetation. The Project Biologist will walk in front of the lead vehicle to ensure that no desert tortoise or burrows are present. All vehicles will follow the lead vehicle's tracks and stay within the designated access route.
- PM-26 Boring locations will not be established within 35 feet of an active desert tortoise burrow. If an active burrow is found within 35 feet after the boring location is established, the boring location will be moved until it is at least 35 feet from the active burrow.
- PM-27 The Project Biologist will be onsite during all drilling or boring activities.
- PM-28 Desert tortoise exclusion fence construction will follow the guidelines in chapter 8 of the Desert Tortoise Field Manual (Service 2010) which is available at the VFWO website ([www.fws.gov/ventura](http://www.fws.gov/ventura)).

- PM-29 Cattle guards will be installed where appropriate, with technical assistance from the Service, if necessary. All cattle guards that serve as barriers to the movement of desert tortoises will be installed and maintained (e.g., removal of soil build-up) to ensure that any desert tortoise that falls underneath has a path of escape via a sloped escape ramp without crossing the intended barrier.
- PM-30 Desert tortoise-proof fencing will be tied to cattle guards in a manner that ensures juvenile desert tortoises cannot pass through (Service 2010).
- PM-31 When gates are installed within the fence line, desert tortoise-proof fencing will be installed along the gate bottom beginning at least 2 feet above the fence bottom and extending towards the ground leaving less than a 1-inch gap (Service 2010).
- PM-32 All desert tortoise fences, gates, and cattle guards will be regularly maintained at a frequency sufficient to ensure that they will continually provide an effective barrier to passage of desert tortoises.
- PM-33 Where desert tortoise exclusion fencing crosses washes, it will be designed to break away during any sudden storm flow, to prevent stormwater retention behind the fence.
- PM-34 If any desert tortoises are observed, project activities will be halted and workers are to notify the Project Biologist who, in turn, will notify the Service. Any desert tortoises encountered within the roadway side of the fence will be protected from vehicle traffic (using lane control, flagmen, or other measures) until they reach a location safely away from the roadway. In this case, the Project Biologist may temporarily move the exclusion fence so that the tortoise may enter the work area (to avoid the road), where it will be monitored and avoided until it can leave the work area and move to a safer location. Any such incident will be reported to Caltrans and the Service.
- PM-35 On a case-by-case basis, individual active burrows may be fenced if the Project Biologist determines this protective measure is necessary to prohibit desert tortoises from repeatedly entering work areas. Fencing around individual burrows will be removed when adjacent construction is complete.
- PM-36 To further ensure that actions implemented under the auspices of this consultation do not substantially degrade the status of the desert tortoise or its critical habitat, Caltrans will reinstate formal consultation in the event that any take of desert tortoise results from the project.

## 1.4 Adopted Mitigation Measures

The IS/MNDs identified mitigation measures (MMs) that reduce the potential significant impacts of the bridge replacement projects that occurred in 2017 (County of San Bernardino, 2015a; 2015b). These MMs were approved as part of the certification of the MNDs. The MMs that apply to the proposed Project are listed below. The implementing agency for these measures would be the County.

### Air Quality

**AQ-1: Fugitive Dust Control.** The following dust control measures shall be implemented:

- a. The travel on unpaved areas will be minimized and traffic speeds on unpaved areas/roads shall be limited to 15 miles per hour for all on-road and off-road equipment.

- b. All unpaved travel routes/roads shall be effectively stabilized using water at least three times daily.
- c. All material excavated or graded will be sufficiently watered to prevent excessive dust. Watering will occur as needed with complete coverage of disturbed areas.
- d. The excavated soil piles, if not covered, shall be watered at an adequate frequency, or sprayed with an environmentally safe chemical stabilizer, to create stabilized surfaces that will minimize wind erosion emissions.
- e. Construction activities that occur on unpaved surfaces shall be discontinued during windy conditions when those activities cause visible dust plumes that are transported beyond the site boundary or that remain visible within 400 feet of any occupied residence, school, or public recreation area.
- f. All areas to be excavated shall be watered prior to excavation to ensure that the excavated materials are moist, and hauled materials shall be moist while being loaded into or out of dump trucks.
- g. All haul trucks hauling soil, sand, and other loose materials to or from the project site shall be covered (e.g., with tarps or other enclosures that would reduce fugitive dust emissions) or have at least 18 inches of freeboard.
- h. Drop heights should be minimized when loading into or unloading out of haul trucks, and gate seals should be tight on haul trucks.
- i. Disturbed areas shall be minimized, and after active construction activity has ceased, disturbed areas shall be stabilized using non-toxic soil stabilizers approved for project use and shall be revegetated as soon as possible after disturbance.
- j. Other fugitive dust control measures shall be implemented as necessary to comply with the requirements of the Mojave Desert Air Quality Management District Rules 401, 402, and 403.

**AQ-2: Off-road Equipment Mitigation.** The emissions from the onsite off-road construction equipment shall be controlled by implementing the following:

- a. All off-road construction diesel engines not registered under California Air Resources Board's Statewide Portable Equipment Registration Program, which have a rating of 50 horsepower or more and 750 horsepower or less, shall meet, at a minimum, the Tier 3 California Emission Standards for Off-road Compression-Ignition Engines as specified in California Code of Regulations, Title 13, Section 2423(b)(1). If a Tier 3 or Tier 3-equivalent engine is not available for a particular item of equipment, Tier 2 compliant engines shall be allowed on a case-by-case basis, as determined by the San Bernardino County Department of Public Works. Off-road equipment with diesel engines larger than 750 horsepower shall meet Tier 2 California Emission Standards.
- b. All equipment shall be turned off when not in use. Engine idling of all equipment shall be minimized.
- c. All equipment engines shall be maintained in good operating condition and in proposed tune per manufacturers' specification.

**AQ-3: On-road Vehicle Mitigation.** The emissions from on-road vehicles will be reduced using the following procedural measures:

- a. Route and Trip Reduction. The routes to and from the sites shall be minimized to the extent feasible and ride sharing shall be employed to reduce trips to and from the project site.
- b. Dola and Lanzit project coordination. Coordination shall be employed to stage equipment at the Lanzit project site prior to the Dola Bridge demolition. Measures to reduce the longer detoured trips to the Lanzit project site, due to inaccessibility after Dola Bridge is demolished, shall be implemented; where such measure would include maintaining a vehicle, such as a small bus, between the Dola and Lanzit sites for construction worker transport between the two sites.
- c. Engine idling of all on-road vehicles shall be minimized.
- d. All on-road equipment engines shall be maintained in good operating condition and in proposed tune per manufacturers' specification.

### Biological Resources

**BIO-1: Limit disturbance area.** Prior to the initiation of any ground-disturbing activity, the County of San Bernardino, Department of Public Works will install fencing, flagging, lath, and rope, or other appropriate devices under the supervision of a qualified biological monitor to delineate the maximum limits of disturbance. The designated area will approximate the project footprint as closely as possible. The Project Biologist or another qualified biological resources monitor will be on the site during any initial vegetation clearing or other site preparation and on a daily basis as specified by the avoidance and minimization measures within this Initial Study/Mitigated Negative Declaration to document compliance with the avoidance and minimization measures and any additional mitigation, and to provide guidance in avoiding or minimizing impacts to biological resources.

**BIO-2: Minimize standing water.** Water applied to dirt roads and construction areas for dust abatement shall use the minimal amount needed to meet safety and air quality standards, to prevent the formation of puddles, which could attract wildlife to construction sites.

**BIO-3: Water storage.** All water containers (i.e. tanks or trailers) will be securely covered to prevent wildlife from entering the containers and becoming trapped.

**BIO-4: Construction schedule.** If feasible, the County of San Bernardino, Department of Public Works will conduct bridge removal and any necessary grading and clearing activities during September through December, to avoid the peak bird nesting season for the area (roughly January 1 through August 30).

**BIO-5: Pre-construction clearance survey:** Minimize impacts to native vegetation. Project design will minimize impacts to intact native vegetation to the extent feasible.

**BIO-6: Minimize wildlife disturbance.** Adverse effects to biological resources of noise, lighting, dust, pollutants, and disturbance, if any, would generally be mitigated through compliance with other project requirements such as the Storm Water Pollution Prevention Plan, dust control, or Protective Measures. Effects of noise, lighting, and human activities, if any, will be minimized by observing project work area boundaries, and preventing any activities outside those boundaries. The Biological Monitor will regularly observe wildlife activities in the immediate area and, as feasible, coordinate with work crews to minimize wildlife disturbance. The County of San Bernardino,

Department of Public Works will implement the Protective Measures identified in Section 1.3 (Adopted Protective Measures) in this Addendum.

### **Cultural Resources**

**CR-1:** As part of mitigation of project impacts, the “40 SBD” paddleboards must be avoided and left in place, or if avoidance is not possible, the project must make every effort to minimize impacts to these features. The paddleboards can be removed prior to construction and stored for safe keeping until they are replaced in their original location once construction has been completed.

**CR-2:** Because the concrete C-markers are situated within close proximity to the Area of Potential Effect, low to the ground, and not highly visible, their locations must be staked and flagged so they are avoided and not inadvertently impacted by heavy equipment. The County of San Bernardino, Department of Public Works is the responsible agency under CEQA.

### **Paleontological Resources**

**PAL-1:** A paleontologist must be retained who meets the professional paleontologist qualifications (San Bernardino County Development Code §82.20.040) and has demonstrated experience in carrying paleontological projects to completion. This qualified paleontologist must develop and implement a Paleontological Resources Management Plan (PRMP) for the project area that meets the standards set forth in San Bernardino County Development Code §82.20.030. This shall include:

- A Worker Environmental Awareness Program (WEAP) wherein all construction personnel are trained on the processes to be followed upon encountering any fossils.
- A monitoring plan for ground disturbing activities that provides the monitor(s) with the authority to temporarily halt or divert equipment. Monitors shall be onsite for any disturbance of sediments with high or unknown paleontological sensitivity. Monitors must have demonstrated sufficient paleontological training and field experience to have acceptable knowledge and experience of fossil identification, salvage and collection methods, paleontological techniques, and stratigraphy.
- A recovery plan for significant fossils that provides for the treatment of specimens to the point of identification and permanent preservation, including washing of sediments to recover small invertebrates and vertebrates.
- A specimen identification, analysis, and curation plan that includes identification to the lowest taxonomic level possible; taxonomic, taphonomic, and biostratigraphic analysis; and curation to the standards of the San Bernardino County Museum, where they will be curated.
- Documentation of the results of the construction monitoring program with daily monitoring reports, monthly progress reports, and a final report of findings with an appended itemized of specimens. These must be submitted to the County of San Bernardino, Department of Public Works for review.

### **Transportation and Traffic**

**T-1:** Prior to the commencement of construction, the San Bernardino County Department of Public Works shall prepare and submit a Construction Traffic Control Plan to the California Department of Transportation for review. The Construction Traffic Control Plan must be

prepared in accordance with both the Caltrans Manual on Uniform Traffic Control Devices and Work Area Traffic Control Handbook (WATCH) Manual and shall include detailed information on the following:

1. Plans and placement of temporary signing, lighting, and traffic control devices as required; including, but not limited to: appropriate signage along access routes to indicate detour routes, the presence of heavy vehicles and construction traffic, awareness of routes and duration of detour, and access for emergency vehicles to and through the immediate project area;
2. Use of directing construction traffic with a flag person;
3. Timing and schedule of heavy equipment and building materials deliveries;
4. Determination of the need for construction work hours and arrival/departure times outside peak traffic periods;
5. Identification of vehicle safety procedures at detour intersections;
6. The need for providing advance notification to affected property owners, emergency services, businesses, residents, etc. of detours;
7. Identification of vehicle safety procedures in the event of roadway flooding; and
8. Provisions for the establishment of a traffic control coordinator. The traffic control coordinator shall be responsible for responding to any local complaints about project construction and operational traffic concerns. The traffic control coordinator shall determine the cause of the traffic complaint and shall be required to implement reasonable measures to resolve the complaint. Signs posted along the project construction and operations access routes shall list the telephone number for the traffic control coordinator.

As part of the design process and to support preparation of this Addendum, several of the MND mitigation measures would be complied with, as shown in Table 1-1, and described in Section 3 of this Addendum.

<b>Mitigation Measure</b>	<b>Status</b>
BIO-1	To be implemented prior to construction.
BIO-2	To be implemented during construction.
BIO-3	To be implemented during construction.
BIO-4	To be implemented during construction.
BIO-5	To be implemented prior to construction.
BIO-6	To be implemented during construction.
CR-1	To be implemented prior to or during construction.
CR-2	To be implemented prior to construction.
PAL-1	To be implemented prior to and during construction.
T-1	To be implemented prior to and during construction.

## 2. Project Description

### 2.1 Project Location and Setting

The County of San Bernardino Department of Public Works (County) proposes to reconstruct the Dola and Lanzit Ditch Bridges (Bridges) on CA Highway 66/NTH. CA Highway 66/NTH runs in a west-east alignment where both Bridges are located. The nearest towns to the Project sites are Chambless, which is approximately 3.2 miles east of Dola Ditch Bridge and 2.5 miles east of Lanzit Ditch Bridge; and Amboy, which is approximately 7.7 miles west of Dola Ditch Bridge and 8.4 miles west of Lanzit Ditch Bridge. As of 2023, it was reported that Chambless and Amboy had a combined population of 17 (U.S. Census Bureau, 2020; United States Zip Codes, 2023). Dola Ditch Bridge and Lanzit Ditch Bridge are located approximately 2.1 miles and 2.8 miles east of Kelbaker Road. Kelbaker Road runs in a north-south alignment connecting Interstate 40 (I-40) with CA Highway 66/NTH. There is no major development near either bridge except for the sparsely populated communities of Amboy and Chambless and ghost towns along CA Highway 66/NTH that were abandoned as a result of the construction of I-40 in 1973. The structures in these towns generally include abandoned homes and retail/commercial buildings.

The Project sites are approximately 0.7 mile away from each other. Both Bridges convey two lanes of traffic and are very similar in design (Figure 1 and Figure 2). The area is entirely composed of natural desert terrain with sparse vegetation. Stormwater flows from north to south within both ditches. The areas immediately surrounding both Bridges are notable for off-road vehicle use and possible unauthorized recreational uses such as camping. The Bridges can be accessed by Kelbaker Road from the west. I-40 is approximately 36 miles east of both sites and provides the only access from the east.

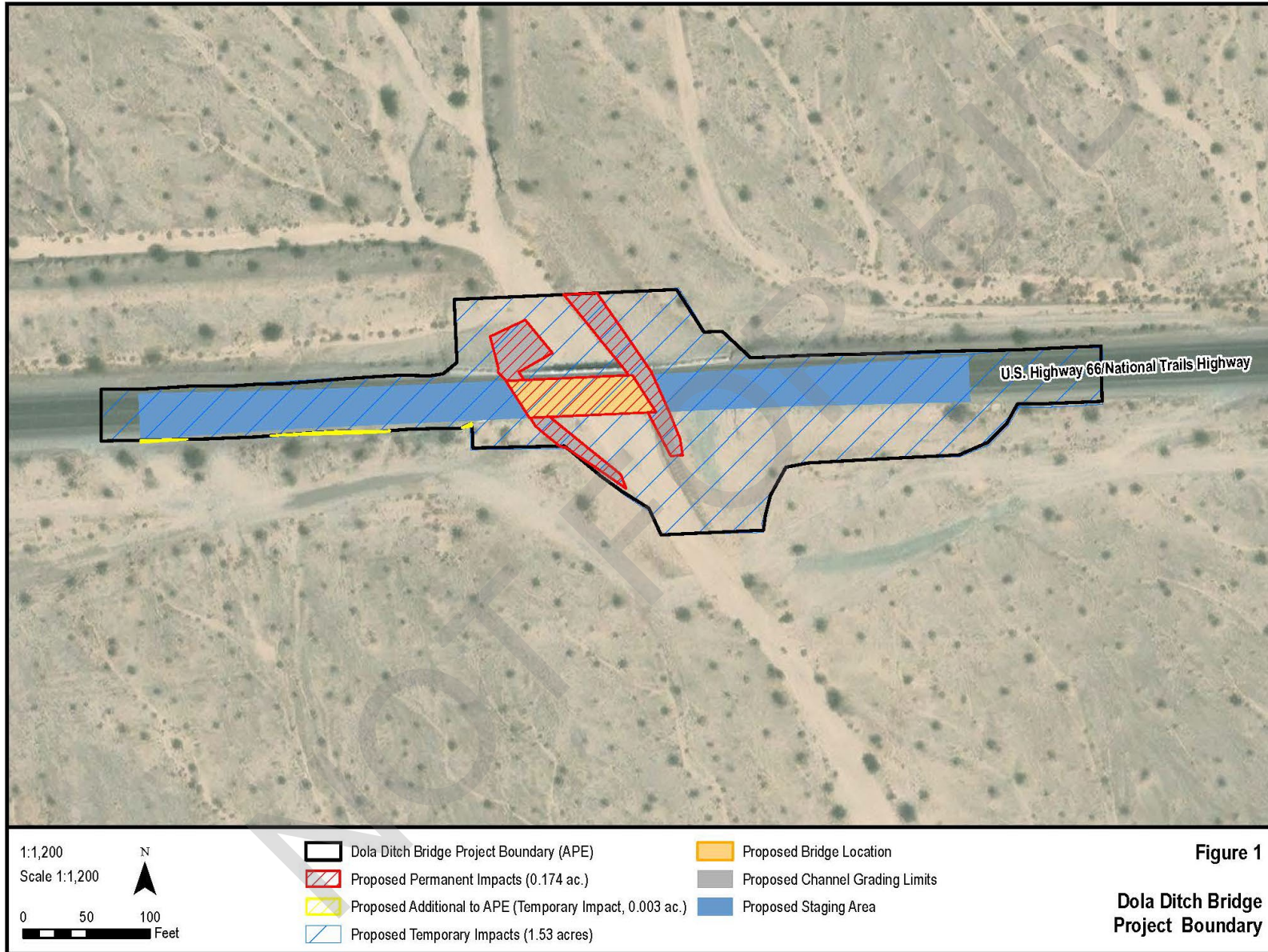
### 2.2 Background

The existing Dola and Lanzit Ditch Bridges were originally constructed in 1930 with simple timber girders and a continuous cast-in-place/reinforced concrete deck. They span over manmade ditches that were constructed to channel surface drainage flows. The bridges are supported on closed-end backfilled timber pile extension strutted abutments and timber pile extension bents with asphalt overlays. Characteristics for each bridge are presented in Table 2-1.

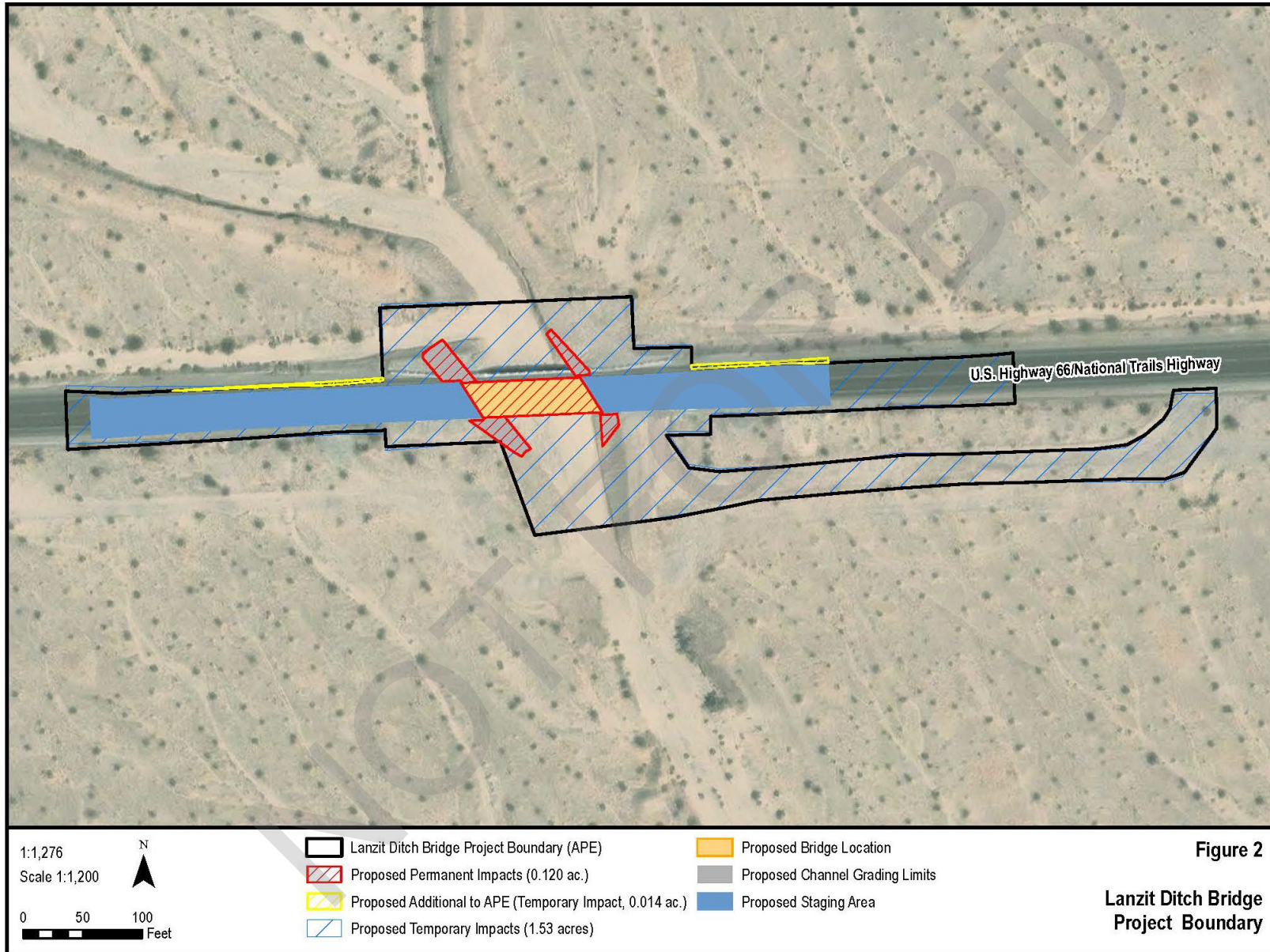
**Table 2-1. Dola and Lanzit Ditch Bridge Details**

Bridge Name	Bridge Number	Existing Bridge Length	Existing Bridge Width	Original Number of Spans (Current Spans)	Location
Dola Ditch	54C0285	59 feet	32 feet	3(3)	CA Highway 66/NTH; 2.1 miles east of Kelbaker Road
Lanzit Ditch	54C0286	78 feet	32 feet	4(4)	CA Highway 66/NTH; 2.8 miles east of Kelbaker Road

**Figure 1. Dola Ditch Bridge Project Boundary**



**Figure 2. Lanzit Ditch Bridge Project Boundary**



As described in Section 1.1, the County prepared two IS/MNDs for the replacement of the Bridges because they were deemed Structurally Deficient due to age. After certification of the IS/MNDs in April 2016, both Bridges were replaced with new timber bridges to retain their historical appearance. However, subsequent inspections in 2018 found cracks and splits in the new timber. As a result, Caltrans required the County to repair the deficiencies. Therefore, the County is proposing to reconstruct the impaired Bridges with concrete instead of timber.

This Addendum will analyze the impacts associated with reconstruction of the Bridges to determine if there are any new or significant impacts.

## 2.3 Project Objectives

The proposed Project objectives include the following:

- Enhance safety on CA Highway 66/NTH by replacing structurally deficient vehicular crossings and allowing proper conveyance of stormwater beneath the Bridges; and
- Provide transportation infrastructure consistent with County and Caltrans standards, as well as local and regional plans.

## 2.4 Project Details

### 2.4.1 Construction

The proposed Project would replace the Dola and Lanzit Ditch Bridges with new, reinforced concrete bridges. County maintenance staff and/or a contractor would undertake demolition and construction of the new bridges. Construction activities would include: (1) relocation of existing utility lines, including a fiber optic telecommunication line and solar-powered local utility line, that are currently tied to the bridge or adjacent to the bridge; (2) removal of existing guard rails, bridge deck, transition structures, etc.; (3) removal of existing piles and necessary grading; and (4) construction of the new bridges.

Existing utility lines would be relocated within the defined limits of the Project areas. For both bridges, new pile extensions would be utilized at the piers, and the abutment foundation would be supported on piles. The bridge barriers would be made from steel California ST-75 Bridge Rail and painted white to meet the standards of the Manual for Assessing Safety Hardware. The ST-75 Bridge Rail is a barrier with horizontal steel rails supported by shorter vertical steel structures. The Bridges may be lengthened as needed to properly convey storm flows. The widths of both Bridges would be extended from 32 feet to 40 feet to accommodate two 12-foot lanes, two 6-foot shoulders, and 2-foot railings (Figures 3 and 4). The lengths of both Bridges would be extended from 59 feet to 100 feet for Dola Ditch Bridge, and 78 feet to 100 feet for Lanzit Ditch Bridge (Figures 3 and 4). The vertical profiles of the Bridges would remain close to the existing profiles unless additional vertical clearance is required to provide sufficient water conveyance beneath each bridge. It is anticipated that any necessary changes in vertical profiles would be 2 feet or less, with the elevation gradually conforming to the existing roadway elevations. A comparison of the existing Bridges (analyzed in the 2016 MNDs) and proposed Bridges is provided in Table 2-2.

**Figure 3. Dola Ditch Bridge Impacts Comparison**

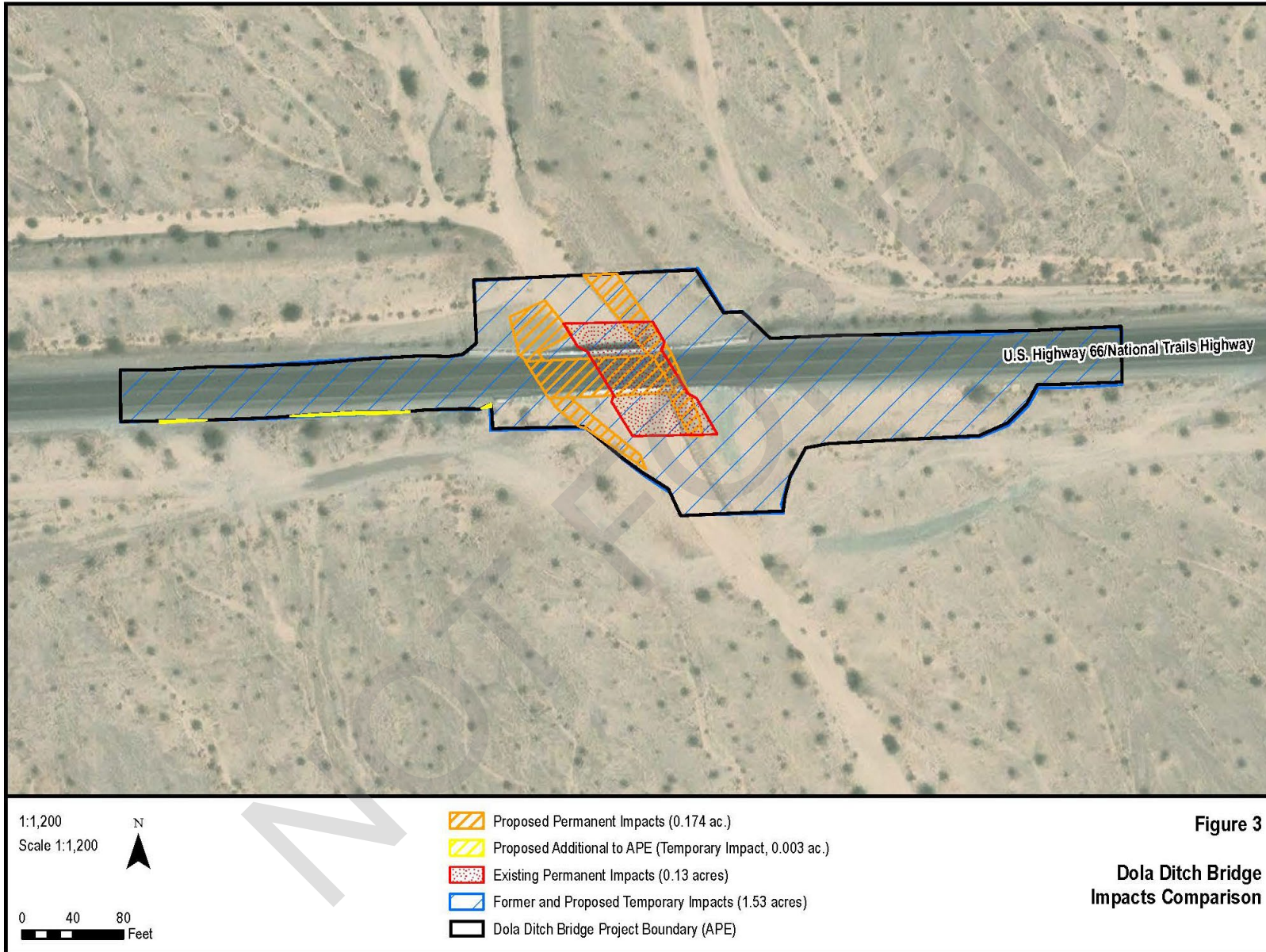
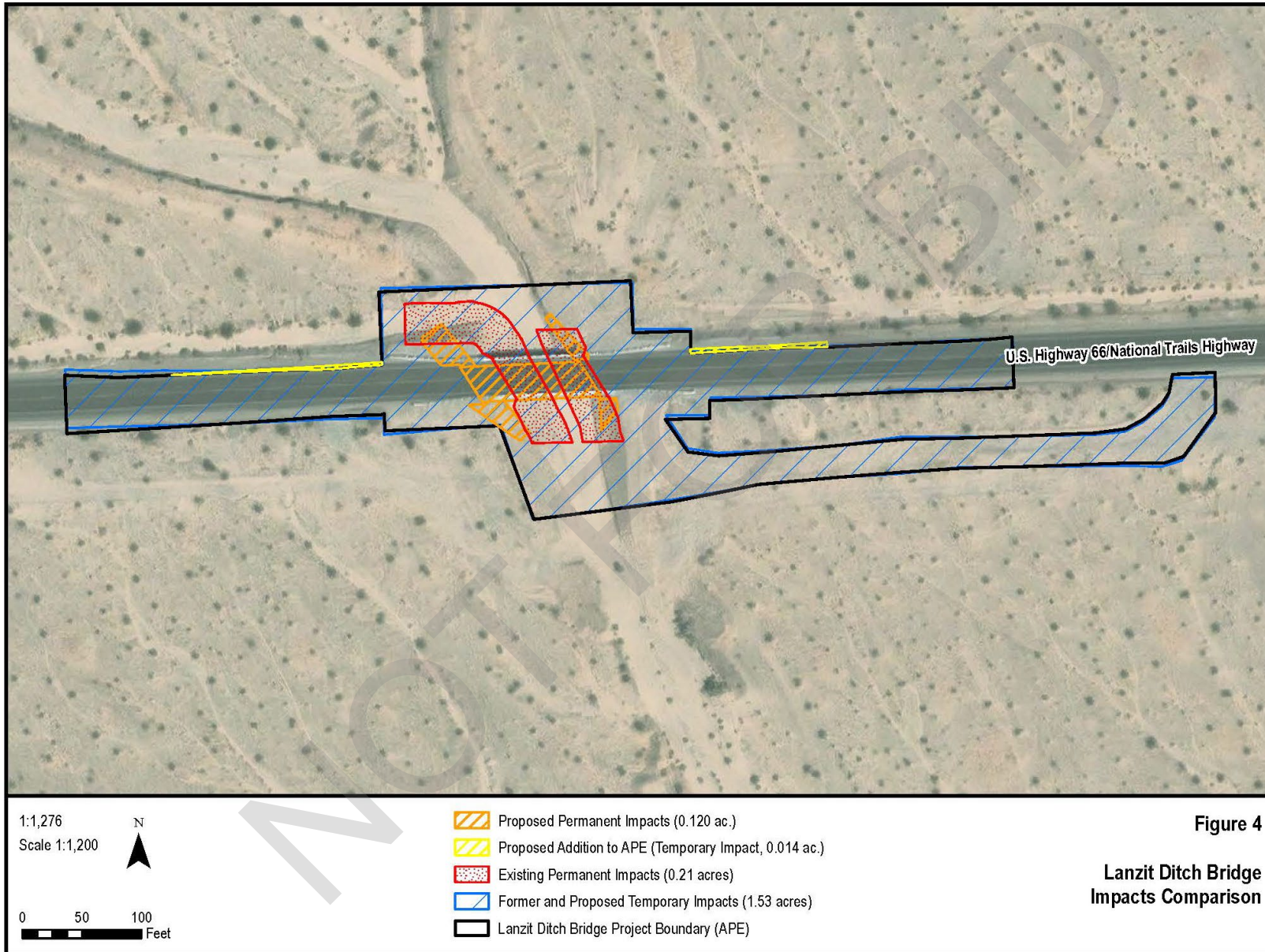


Figure 4. Lanzit Ditch Bridge Impacts Comparison



**Table 2-2. Comparison of Changes**

Dola Ditch Bridge		Lanzit Ditch Bridge	
<b>Existing Bridge Length</b>	<b>Proposed Bridge Length</b>	<b>Existing Bridge Length</b>	<b>Proposed Bridge Length</b>
59 feet	100 feet	78 feet	100 feet
<b>Existing Bridge Width</b>	<b>Proposed Bridge Width</b>	<b>Existing Bridge Width</b>	<b>Proposed Bridge Width</b>
32 feet	40 feet	32 feet	40 feet
<b>Former Temporary Disturbance Area</b>	<b>Proposed Temporary Disturbance Area</b>	<b>Former Temporary Disturbance Area</b>	<b>Proposed Temporary Disturbance Area</b>
1.53 acres	1.53 acres	1.53 acres	1.54 acres
<b>Former Permanent Disturbance Area</b>	<b>Proposed Permanent Disturbance Area</b>	<b>Former Permanent Disturbance Area</b>	<b>Proposed Permanent Disturbance Area</b>
0.13 acre	0.17 acre	0.21 acre	0.12 acre

The alignment of both Bridges would remain unchanged; however, approach road work, up to 800 feet on either side of each bridge, may be needed to conform to the existing roadway vertical profile. Grading along the approaches and around the Bridges may be needed to ensure adequate stormwater conveyance and drainage within the Project area.

Permanent acquisition of right-of-way is not anticipated; however, temporary construction easements may be required to accommodate construction of the temporary detour routes.

During construction of the proposed Project, a water source would be required for soil compaction, dust suppression, concrete/grout/equipment, wash-down (in designated areas per the Stormwater Pollution Prevention Plan [SWPPP]), concrete placement preparation, and possibly miscellaneous concrete or grout production. The water source would be water tanks from the Cadiz area, located southeast of the Project sites. Based on material to be compacted and dust control for the duration of the proposed Project, between 15 and 30 acre-feet of water may be used during construction for each site. This water would be provided by water tanks in the Cadiz area. The availability of construction water would be verified prior to the issuance of a construction contract.

### **Construction Schedule**

Construction of the proposed Project is anticipated to occur over approximately five months, beginning in May 2024 and concluding in October 2024. Construction of both Bridges would occur simultaneously, occurring Monday through Friday and include two shifts, or 16 hours per day, including some nighttime construction that would require lighting. The construction contractor would complete a task at one Bridge and then move the construction crew to the other Bridge to perform the same task. The construction stages are not specifically sequential; some activities may overlap within the approximately 113-day construction schedule. No construction is expected on weekends or holidays. This construction schedule may differ from the selected contractor's schedule depending on the contractor's equipment and personnel resources. If a contractor is selected for construction, the construction contractor would be responsible for coordinating with the County and providing continuous security for the Project sites during construction.

### **Access, Parking, and Staging Areas**

Access to the Project sites and staging areas would occur within the existing paved portions of CA Highway 66/NTH on either end of both Bridges. The total area of temporary disturbance is

1.53 acres for the Dola Ditch Bridge and 1.54 acres for Lanzit Ditch Bridge. Construction would require temporary closures of both lanes on CA Highway 66/NTH to allow for demolition and construction of the new Bridges, requiring detours for motorists. Travelers driving east would use the first turn off Kelbaker Road and merge back onto CA Highway 66/NTH at the first right turn. Travelers driving west would use the first right turn to the west of Chambless, turn left, and left again on Kelbaker Road to merge onto CA Route 66. Travelers coming from west to east would be required to use I-40 via Kelbaker Road instead of CA Highway 66/NTH (an additional 35 miles), and travelers heading west would use CA Highway 66/NTH towards I-40 (an additional 28 miles).

CA Highway 66/NTH would be closed, and traffic would be rerouted during construction to allow construction to be completed within one season.

### **Workforce, Equipment, and Materials**

Typical equipment for roadway construction would include heavy construction earthmoving equipment, dump trucks, and pavers. Typical bridge construction equipment would include cranes, pile drivers, excavators, and concrete pumps.

A detailed list of equipment and personnel required to construct the proposed Project, as well as the truck trips required for the materials that would be imported and exported from the site, are provided in Appendix A. The anticipated peak workforce would be approximately 60 personnel, including construction workers, management, and monitoring staff.

### **2.4.2 Operations and Maintenance**

The County would be responsible for operations and maintenance (O&M) of the proposed Project. O&M would include activities such as repairs, resurfacing, and restriping as needed. Because the proposed Bridges would be constructed of concrete instead of timber, they are expected to require less maintenance than the existing Bridges. Maintenance frequency is not anticipated to increase from existing conditions as a result of the proposed Project.

## **2.5 Anticipated Permits and Other Approvals**

Construction and operation of the proposed Project may require the discretionary actions and approvals listed below, per jurisdiction. State and federal Endangered Species Act (ESA) permits are listed below because the Project sites are within the geographic range of the desert tortoise, which is listed as threatened under both State and federal ESAs. However, due to land use on the sites and surrounding area, it is unlikely that desert tortoise would be found on the site and that ESA permits would be required. The applicable regulatory agencies (U.S. Fish and Wildlife Services [USFWS] and California Department of Fish and Wildlife [CDFW]) would make the final determinations as to whether ESA permits are required. In the absence of ESA permits, suitable measures would be developed to ensure that the Project would not result in the take of desert tortoise, should a tortoise wander onto the site (e.g., pre-construction surveys and on-site biological monitoring).

#### **Federal USFWS**

- Biological Opinion, Endangered Species Act, Section 7 Consultation

#### **State**

#### **CDFW**

- Streambed Alteration Agreement/California Fish and Game Code Section 1600

- Incidental Take Permit (if applicable)

Native American Heritage Commission

- Consultation on Sacred Areas to comply with State requirements

**Regional**

Colorado River Basin Regional Water Quality Control Board (RWQCB)

- Waste Discharge Requirements

NOT FOR BID

### 3. Evaluation of Environmental Impacts

The following evaluation assesses the project-specific impacts of the proposed Project in light of the analysis completed in the 2015 MNDs. Determinations are made as to whether the proposed Project would result in new significant effects or substantially more severe effects, which would trigger the need for a Subsequent or Supplemental CEQA analysis.

#### I. AESTHETICS

Would the project:	Subsequent/ Supplemental CEQA: New Significant Effects or Substantially More Severe Effects	Addendum: None of the Conditions in State CEQA Guidelines Section 15162 Would Occur
a. Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a State scenic highway?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Substantially degrade the existing visual character or quality of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage points). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Create a new source of substantial light or glare which would adversely affect daytime or nighttime views in the area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

#### Discussion:

##### *Environmental Setting*

The proposed Project would be located in a sparsely populated rural setting surrounded by natural desert terrain and ghost towns that include abandoned homes and retail/commercial buildings as well as undeveloped areas.

The Project sites contain the existing Bridges with no development in the vicinity. The nearest towns to the Project sites are Chambless, which is approximately 3.2 miles east of Dola Ditch Bridge and 2.5 miles east of Lanzit Ditch Bridge; and Amboy, which is approximately 7.7 miles west of Dola Ditch Bridge and 8.4 miles west of Lanzit Ditch Bridge.

- a. The proposed Project would be located in a rural, undeveloped area along CA Highway 66/NTH with uninterrupted views of natural undeveloped desert landscapes and no adjacent development. Construction of the proposed Project would require temporary ground disturbance within the sites. The presence of construction equipment and materials during construction would be visible from to incoming travelers; however, construction would be temporary and last for a period of approximately 115 days. Visual impacts to this area would be short-term. Once constructed, the Bridges would maintain a similar profile as the original Bridges and would not obstruct views of the surrounding desert. Therefore, impacts would be less than significant.

The IS/MNDs concluded that the Project’s visual impacts would be temporary and occur only during construction. As such, the proposed Project would not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland) to non-agricultural use, and no impact would occur. The proposed Project has been determined to have no impact; therefore,

the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- b.** The Dola and Lanzit Ditch Bridges were previously reconstructed to be consistent with the historic visual characteristics of the original Bridges, which consisted of a timber trestle design. However, while the visual character of the existing Bridges is historic in nature, existing timber has become deficient and structurally unsafe. The proposed Project would replace these designs incorporating concrete materials. Although the proposed designs would not be visually identical to the previous designs, the concrete components would be minimally visible to motorists due to the rate of travelling speed (approximately 55 miles per hour). The replacement railings would not match the existing railing types, but they would more consistently match the original historic railings (County of San Bernardino and Caltrans, 2023). Overall, the Bridges would not obstruct or degrade the existing quality of desert views, as the overall bridge profiles would be similar to existing conditions.

CA Highway 66/NTH is not a designated State scenic highway, but it is a County Scenic Route according to the County of San Bernardino's Countywide Plan (County of San Bernardino, 2020a). The proposed Project would not substantially adversely impact the scenic nature of CA Highway 66/NTH, as the improvements would be localized, and construction would be temporary. Therefore, visual impacts would be less than significant.

The IS/MNDs concluded that the Project's impacts from construction would be temporary and there would be no permanent adverse effects during operations, and impacts would be less than significant. The proposed Project has been determined to have less-than-significant impacts; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- c.** Construction of the proposed Project would occur in a remote, rural desert setting. Temporary lighting may be required during nighttime construction for security and safety of motorists. Due to the highly remote location of the Project sites, any temporary lighting required during construction would not affect create substantial or permanent glare that would adversely affect daytime or nighttime views in the area. As such, impacts would be less than significant.

The IS/MNDs concluded that the Project's visual impacts would be temporary and occur only during construction, and impacts would be less than significant. The proposed Project has been determined to have a less-than-significant impact; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

## II. AGRICULTURE AND FORESTRY RESOURCES

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the State's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment Project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. **Would the project:**

	Subsequent/ Supplemental CEQA Document: New Significant Effects or Substantially More Severe Effects	Addendum: None of the Conditions in State CEQA Guidelines Section 15162 Would Occur
a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Result in the loss of forest land or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Involve other changes in the existing environment that, due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

### Discussion:

#### *Environmental Setting*

The California Department of Conservation (DOC) established a soil classification system that combines technical soil ratings and current land use to identify categories of Important Farmland. Currently, 98 percent of the State's private lands have been surveyed by the DOC to determine the status of agricultural resources (DOC, 2023a). The DOC also regulates the Land Conservation Act, which enables local governments (counties and cities) to enter into contracts (e.g. Williamson Act contracts) with private landowners for the purpose of restricting specific parcels of land to agricultural or related open space use. In return, landowners receive property tax assessments that are much lower than normal because they are based on farming and open space uses as opposed to full market value (DOC, 2023b). As discussed under (a) and (b) below, no Important Farmland or Williamson Act contracts are located in the vicinity of the Project site or proposed staging areas.

- a. According to the DOC Farmland Mapping and Monitoring Program (FMMP), the Project sites and surrounding areas are not mapped, which means the land is not located within the FMMP survey boundary (DOC, 2022). The Project sites and proposed staging areas are not located within the vicinity of Prime Farmland, Unique Farmland, or Farmland of Statewide Importance. No designated Farmland would be converted by the proposed Project, and no impact would occur.

The IS/MNDs concluded that the Project sites are not located within the FMMP survey boundaries. As such, the proposed Project would not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland) to non-agricultural use, and no impact would occur. The proposed Project has been determined to have no impact; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- b.** Per the DOC Williamson Act Program, the Project sites and proposed staging areas are not located on land enrolled in a Williamson Act contract (DOC, 2023b). Further, the Project sites include land that is zoned OS (Open Space); no agricultural zoning would be affected by the proposed Project components (County of San Bernardino, 2020). Neither Project construction nor operation would conflict with a Williamson Act contract or with zoning for agricultural use, and no impact would occur.

The IS/MNDs concluded that the Project sites are not located within a county agricultural zoning district, nor are they enrolled in Williamson Act contracts. As such, the proposed Project would not conflict with Williamson Act contracts and therefore, no impact would occur. The proposed Project has been determined to have no impact; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- c.** The proposed Project would reconstruct existing bridges at both sites. The Project sites and proposed staging areas are not located on land that is zoned for forest land or timberland, and neither construction nor operation of the proposed Project would conflict with existing zoning at the site; no impact would occur.

The IS/MNDs concluded that the Project sites are not located on land that is zoned for forest land or timberland. Therefore, the Project would not conflict with existing zoning for forest land or timberland, and no impacts would occur. The proposed Project has been determined to have no impacts; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- d.** As described in Section II(c) above, the Project site and proposed staging areas are not located on forest land or timberland. None of the proposed Project components would contribute to the loss of forest land, nor would Project activities convert forest land to non-forest use; no impact would occur.

The IS/MNDs concluded that the Project sites are not located on forest or wilderness land. The Project would not conflict with existing zoning for forest land or timberland. The proposed Project has been determined to have no impacts; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- e.** As described in Sections II(a) and (c) above, the Project site and proposed staging areas would not convert any agricultural land to non-agricultural use, nor convert any forest land to non-forest use; no impact would occur.

The IS/MNDs concluded that the Project would not convert any agricultural land to non-agricultural uses, nor would it convert any forest land to non-forest use, and therefore, the Project would result in no impact. The proposed Project has been determined to have no impacts; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

### III. AIR QUALITY

Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations.

**Would the project:**

	Subsequent/ Supplemental CEQA Document: New Significant Effects or Substantially More Severe Effects	Addendum: None of the Conditions in State CEQA Guidelines Section 15162 Would Occur
a. Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or State ambient air quality standard?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

#### Discussion:

##### ***Environmental Setting***

The proposed Project is located in the Mojave Desert Air Basin. The Mojave Desert Air Basin (MDAB) includes the desert portions of Los Angeles and San Bernardino counties, the eastern desert portion of Kern County, and the northeastern desert portion of Riverside County. The MDAB is comprised of the Eastern Kern Air Pollution Control District (EKAPCD), the Antelope Valley Air Quality Management District (AVAQMD), Mojave Desert Air Quality Management District (MDAQMD) as well the eastern portion of the South Coast Air Quality Management District (SCAQMD). The Mojave Desert Air Basin is characterized by a low population density within an assemblage of mountain ranges interspersed with long broad valleys that often contain dry lakes. Prevailing winds in the Mojave Desert Air Basin are out of the west and southwest (MDAQMD, 2023).

##### ***Regulatory Setting***

Air quality is regulated through regulations at the federal (USEPA), State (CARB), and local level (MDAQMD). The proposed Project is located within the jurisdictional boundaries of the Mojave Desert Air Quality Management District (MDAQMD). The MDAQMD has developed federal attainment plans under the Federal Clean Air Act for ozone and PM10. The most recent attainment plans were adopted in 2004 and 2017 for NOx and VOC emissions to meet federal eight- and one-hour ozone targets, respectively (MDAQMD, 2020).

- a. The proposed Project does not include permanent stationary emissions sources regulated by MDAQMD, and therefore, regulations pertaining to permanent emission sources do not apply to the Project. The proposed Project would comply with all applicable MDAQMD rules and regulations pertaining to temporary construction emission sources, including Rule 403, which reduces fugitive dust emissions.

The IS/MNDs concluded that construction and operation of the Project would comply with existing MDAQMD rules and regulations, and impacts would be less than significant. The proposed Project has been determined to have less-than-significant impacts; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- b. Pollutant emission calculations related to the proposed Project construction activities includes the emissions from on-road vehicles and off-road equipment utilized during construction, and fugitive particulate matter emissions resulting from earthmoving activities and vehicle travel. Operation emissions would be limited and would not differ from current conditions.

The proposed Project’s construction would be completed using two shifts per day Monday through Saturday over a 6-month period starting in May 2024. San Bernardino County provided an estimate of the construction off-road equipment types that would be used, the amount of materials that would be hauled to and from the site, and the estimated number of construction employees for each work task (See Appendix A). Construction work would be phased, and both Bridges would be constructed concurrently.

The MDAQMD regional emissions significance thresholds for construction are as follows (MDAQMD, 2020):

- Nitrogen Oxides (NO<sub>x</sub>) – 137 lbs/day
- Volatile Organic Compounds (VOC) – 137 lbs/day
- Carbon Monoxide (CO) – 548 lbs/day
- Particulate Matter (PM<sub>10</sub>) – 82 lbs/day
- Fine Particulate Matter (PM<sub>2.5</sub>) – 65 lbs/day
- Sulfur Oxides (SO<sub>x</sub>) – 137 lbs/day

An emissions estimate of the worst-case daily construction activity using unmitigated fleet average emissions factors is provided in Table 3-1.

<b>Table 3-1. Maximum Daily Unmitigated Project Construction Emissions</b>						
	<b>VOC</b>	<b>CO</b>	<b>NO<sub>x</sub></b>	<b>SO<sub>x</sub></b>	<b>PM<sub>10</sub></b>	<b>PM<sub>2.5</sub></b>
Total Maximum Daily Emissions (lbs/day)	12.52	99.05	118.72	0.42	39.23	18.82
	-	-	-	-	13.12	2.00
Fugitive Dust Emissions (lbs/day)	12.52	99.05	118.72	0.42	52.35	18.82
MDAQMD Regional Significance Thresholds (lbs/day)	137	548	137	137	82	65
<i>Exceeds Thresholds?</i>	<i>No</i>	<i>No</i>	<i>No</i>	<i>No</i>	<i>No</i>	<i>No</i>
Source: Appendix A, MDAQMD, 2020.						

Daily construction emissions are determined to be below the MDAQMD emissions thresholds and would cause less-than-significant impacts.

The IS/MNDs concluded that the Project's construction emissions would exceed the daily emissions significance thresholds for NO<sub>x</sub> and PM<sub>10</sub> established by the MDAQMD, and operation and maintenance would not increase from existing conditions, and impacts would be less than significant with MMs AQ-1, AQ-2, and AQ-3. The proposed Project has been determined to have less-than-significant impacts; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- c. There are two specific impact issues that have been analyzed with respect to the proposed Project's potential to expose sensitive receptors to substantial pollutant concentrations, as follows:

- Localized short-term criteria pollutant concentration impacts; and
- Health-risk impacts from toxic air contaminant (TAC) emissions.

#### Localized Criteria Pollutant Impact Analysis

The MDAQMD defines sensitive receptors as schools, playgrounds, childcare centers, long-term health care facilities, rehabilitation centers, convalescent homes, hospitals, retirement homes, and residences. Specified distances to a planned land used must be evaluated if it falls under any of the following categories: industrial project, distribution center, major transportation project, dry cleaner, or gasoline dispensing facility. The proposed Project does not fit into these categories, and the nearest sensitive receptors are residences located in Chambless, approximately 3.2 miles east of Dola Ditch Bridge and 2.5 miles east of Lanzit Ditch Bridge. In addition, as presented in Table 3-1, the proposed Project's daily emissions would be less than the MDAQMD's significance thresholds. Therefore, the proposed Project would not create a localized criteria pollutant impact.

#### Toxic Air Contaminants (TAC) Health Risk Analysis

TAC emissions, primarily in the form of diesel particulate matter, would occur during the short-term construction period, and then intermittently during the limited operations maintenance activities required for the proposed Project. However, the amount of TAC emissions that would be emitted from the proposed Project's activities is minimal.

Since off-road heavy-duty diesel equipment would only be used temporarily during construction, and since the site is remote, construction would not expose sensitive receptors to substantial emissions of TACs and impacts would be less than significant. Operation phase emissions would remain unchanged, and there would be no impact.

The IS/MNDs concluded that there is low potential for fugitive dust and diesel particulate matter to impact sensitive receptors during construction, and compliance with MDAQMD rules would reduce the amount of fugitive dust reaching nearby receptors, resulting in a less-than-significant impact. The proposed Project has been determined to have less-than-significant construction impacts, and would result in no impact during operations; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- d. The proposed Project would not result in other emissions adversely affecting a substantial number of people. The proposed Project is located in a remote desert landscape. The proposed Project would generate oil and diesel fuel odors from operating heavy equipment during construction activities. However, these odors would be localized, limited to the duration of the construction activities and would dissipate within a short distance. In addition, the nearest concentration of people are residences approximately 3.2 miles east of Dola Ditch Bridge and 2.5 miles east of Lanzit Ditch Bridge. There would be no other emissions as a result of operations and maintenance. Accordingly, the proposed Project would not result in other emissions, such as those leading to odors, adversely affecting a substantial number of people, and no impact would occur.

The IS/MNDs concluded that construction odors would not affect a substantial number of people, and less-than-significant impacts would occur. The proposed Project has been determined to have no impact; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

**IV. BIOLOGICAL RESOURCES**

**Would the project:**

	Subsequent/ Supplemental CEQA Document: New Significant Effects or Substantially More Severe Effects	Addendum: None of the Conditions in State CEQA Guidelines Section 15162 Would Occur
a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. Conflict with the provisions of an adopted habitat conservation plan, natural community conservation plan, or other approved local, regional, or State habitat conservation plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion:**

This section presents a project-specific description of biological resources known from within the Project site or with a potential to be present. It is largely based off of previous biological surveys that were completed in 2014 in support of the IS/MNDs. An updated Biological Resources Technical Report and Aquatic Resources Delineation Report were completed for the Project in 2023 and are included as Appendices B and C to this Addendum. As part of the updated Biological Resources Technical Report, an updated literature review was also completed. In general, site conditions remained unchanged between 2014 and 2023 when additional surveys were completed. The literature review also failed to identify any additional special-status species that were not evaluated in the IS/MNDs. The impact analysis below is largely unchanged from the IS/MNDs.

- a. A review of special-status wildlife species known to occur in the area, and the results of biological surveys, found that five special-status wildlife species are known to occur within the project site including desert tortoise (*Gopherus agassizii*), burrowing owl (*Athene cunicularia*), prairie falcon (*Falco mexicanus*), loggerhead shrike (*Lanius ludovicianus*), and desert kit fox (*Vulpes macrotis arsipus*). Potential impacts to desert tortoise, burrowing owl, and desert kit fox were discussed in the IS/MNDs. Prairie falcon is a watch list species and has no formal protection. Potential impacts to loggerhead shrike are presented below.

Loggerhead shrike is a California Department of Fish and Wildlife (CDFW) Species of Special Concern. The breeding range of the loggerhead shrike includes Alberta, Saskatchewan, and Manitoba in Canada; the majority of the United States except the Pacific Northwest; and Mexico (Yosef, 1996). This species is a common resident and winter visitor in lowlands and

foothills throughout California. The loggerhead shrike prefers open habitats with scattered shrubs, trees, posts, fences, utility lines, or other perches. This species most often occurs in open-canopied valley foothill hardwood forests, valley-foothill hardwood-conifer forests, valley foothill riparian, pinyon-juniper woodlands, desert riparian, and Joshua tree habitats. A foraging loggerhead shrike was observed on the Project site during surveys in 2014. The site provides suitable foraging and nesting habitat for loggerhead shrikes.

Measures listed below would avoid potential take or other adverse impacts to special-status wildlife species by (1) requiring a pre-construction clearance survey of the Project site; (2) requiring on-site monitoring during construction; and (3) worker training and similar measures, such as trash control, to prevent impacts and prevent attracting predators such as common ravens or coyotes; and (4) compensation of suitable upland desert tortoise habitat at a 1:1 ratio. Nesting birds are also protected by the Migratory Bird Treaty Act and Fish and Game Code and were included in the discussions within the IS/MNDs. Impacts to nesting birds would also be avoided through implementation of the measures discussed above.

No special-status plants were observed within the Project site, but two species have at least a moderate potential to be present. Pointed dodder (*Cuscuta californica* var. *apiculata*) has a California Rare Plant Rank (CRPR) of 3 which means it is currently under review and has no formal protection. Glandular ditaxis (*Ditaxis claryana*) has a CRPR of 2B which indicates it is rare in California but more common outside of California. If present, the loss of a very limited number of plants would be less than significant given the small size of the project site and abundance of similar habitat in the region. No measures are required to avoid or minimize impacts to special-status plants.

The IS/MNDs concluded that the Project would avoid or minimize impacts to special-status species, including nesting birds, with implementation of mitigation measures BIO-1 through BIO-6 (see text below).

**BIO-1: Limit disturbance area.** Prior to the initiation of any ground-disturbing activity, the County of San Bernardino, Department of Public Works will install fencing, flagging, lath, and rope, or other appropriate devices under the supervision of a qualified biological monitor to delineate the maximum limits of disturbance. The designated area will approximate the project footprint as closely as possible. The Project Biologist or another qualified biological resources monitor will be on the site during any initial vegetation clearing or other site preparation and on a daily basis as specified by the avoidance and minimization measures within this Initial Study/Mitigated Negative Declaration to document compliance with the avoidance and minimization measures and any additional mitigation, and to provide guidance in avoiding or minimizing impacts to biological resources.

**BIO-2: Minimize standing water.** Water applied to dirt roads and construction areas for dust abatement shall use the minimal amount needed to meet safety and air quality standards, to prevent the formation of puddles, which could attract wildlife to construction sites.

**BIO-3: Water storage.** All water containers (i.e. tanks or trailers) will be securely covered to prevent wildlife from entering the containers and becoming trapped.

**BIO-4: Construction schedule.** If feasible, the County of San Bernardino, Department of Public Works will conduct bridge removal and any necessary grading and clearing activities during September through December, to avoid the peak bird nesting season for the area (roughly January 1 through August 30).

**BIO-5: Pre-construction clearance survey:** Minimize impacts to native vegetation. Project design will minimize impacts to intact native vegetation to the extent feasible.

**BIO-6: Minimize wildlife disturbance.** Adverse effects to biological resources of noise, lighting, dust, pollutants, and disturbance, if any, would generally be mitigated through compliance with other project requirements such as the Storm Water Pollution Prevention Plan, dust control, or Protective Measures. Effects of noise, lighting, and human activities, if any, will be minimized by observing project work area boundaries, and preventing any activities outside those boundaries. The Biological Monitor will regularly observe wildlife activities in the immediate area and, as feasible, coordinate with work crews to minimize wildlife disturbance. The County of San Bernardino, Department of Public Works will implement the Protective Measures identified in Section 1.3 (Adopted Protective Measures) in this Addendum.

With implementation of these measures, the Project would continue to avoid or minimize impacts and result in impacts that are less than significant with mitigation incorporated. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- b. No riparian habitat or other sensitive natural communities, identified in local or regional plans, policies, regulations, or by the CDFW or USFWS have been documented within or adjacent to the Project site. The IS/MNDs concluded that project construction would result in no impacts to riparian habitat or other sensitive natural communities. The proposed Project would be located in the same areas; therefore, no impacts to riparian habitat or other sensitive natural communities would occur. The proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.
- c. No federally protected wetlands, as defined by Section 404 of the Clean Water Act were identified within the Project site based on the field surveys, aerial imagery, and use of National Wetland Inventory. The IS/MNDs concluded that the Project would result in no impacts to federally protected wetlands. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.
- d. There are no known established wildlife corridors within the Project site. Wildlife may use the wash beneath the existing bridge to cross the highway, and some species may nest or roost in the bridge substructure. The Project would not erect permanent or long-term barriers to wildlife movement, although there would be some short-term interruption of potential movement during construction. The IS/MNDs concluded that the Project would result in less-than-significant impacts to wildlife movement or migratory species. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.
- e. The Desert Plant Protection Act is the only local policy or ordinance protecting biological resources in this portion of the Mojave Desert. The proposed Project would not result in the removal of any native trees therefore, the Project would not conflict with any local policies or ordinances protecting biological resources. The IS/MNDs concluded that Project construction would not conflict with any local policies or ordinances protecting biological resources. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- f. There are no Habitat Conservation Plans (HCPs), Natural Community Conservation Plans (NCCPs), or other approved local, regional, or State habitat conservation plans within the Project site. The IS/MNDs concluded that the Project would result in no impacts to HCPs, NCCPs, or other approved local, regional, or State habitat conservation plans within the general area. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

NOT FOR BID

**V. CULTURAL RESOURCES**

**Would the project:**

	Subsequent/ Supplemental CEQA Document: New Significant Effects or Substantially More Severe Effects	Addendum: None of the Conditions in State CEQA Guidelines Section 15162 Would Occur
a. Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Disturb any human remains, including those interred outside of dedicated cemeteries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion:**

This section describes the existing cultural resources in the Project area and discusses potential impacts associated with the proposed Project. Cultural resources are historic and prehistoric archaeological sites, historic-aged architectural or engineering features and structures. The following information is presented from the updated technical study for the Project (Hatheway and DeOliveira 2023) unless otherwise referenced.

**Environmental Setting**

The Dola Ditch Bridge and Lanzit Ditch Bridge Replacement Project is along CA Route 66 in the Cadiz Valley in the eastern Mojave Desert. The Marble Mountains are located to the northeast, the Bristol Mountains to the northwest, the Ship Mountains to the east, the Bullion Mountains to the west, and the Calumet Mountains to the south. Dola and Lanzit Ditches are desert washes that drain from the Bristol Mountains to the southeast. They join a larger drainage from the northeast that runs southwest to Bristol Dry Lake. Sediments in the project area consist of coarse alluvial sand and silt. The land has little topographic relief and slopes slightly toward the southeast. The elevation is 878 feet above mean sea level (AMSL) at the location of the Dola Ditch bridge and 828 feet AMSL at the location of the Lanzit Ditch bridge. Vegetation in the area is sparse and consists of widely scattered creosote bushes and low-lying native grasses.

**Cultural Resources**

A summary of the area’s cultural setting is provided below focuses on the historic period background information, particularly regarding the development of historic Route 66, because the County has determined that no additional archaeological surveys are required in implementing the proposed Project as the 2023 Area of Potential Effect (APE) has not substantially changed from the earlier Caltrans approved 2015 APE/Study Area. In addition, all appropriate NAHC and Tribal consultations were previously carried out in 2014 and 2015, and no significant prehistoric or historic archaeological resources were identified within the much larger Study Area as surveyed in 2014. Since additional archaeological surveys are not needed, the below background information focuses on the historic period, specifically the development of Route 66.

**Historic Period.** Prehistoric and historic trails leading from Nevada and/or the Colorado River to the Pacific Ocean are the actual beginning of east-west desert transportation corridors across the California Desert, and these trails have been the subject of much scholarly attention. By the late 1850s, these early trails, along with various routes of exploration, developed into mid-nineteenth century historic wagon roads.

In November of 1911, San Bernardino County acted for the first time, to improve what had previously been a primitive wagon road alongside the A.T. & S.F. railroad alignment between Goffs and Daggett into a “Dandy Desert Road.” The improvements were made, in part, to entice

the State Road Commission into adopting the route as a state highway. The automobile had entered the transportation equation for the very first time, and with the arrival of the age of the automobile in the Mojave Desert, nothing would ever be the same again. On January 31, 1913, the San Bernardino Sun published an article about a convention attended by boosters of the Santa Fe-Grand Canyon-Needles National Highway in the City of San Bernardino that placed the route from San Bernardino to Needles in direct competition with more southerly alignments. This early road was not much more than a rutted dirt track, but by 1915 automobile tourists were already using the alignment to reach the Expositions in both San Diego and San Francisco.

Largely because of an increasingly vocal public outcry regarding the condition of National Old Trails Road, the State of California took interim action to improve roadway conditions between Barstow and the Colorado River. According to a March 1924 article in the San Bernardino Sun, a permanent “maintenance gang” was established “far out in the desert between Ludlow and Amboy where rocks of lava formations made the road rough...” This was, however, only a temporary solution, as plans were already being prepared to permanently solve the problem. The federal government was about to step in, and a modern U.S Highway (Route 66) was about to be born. On November 11, 1926, the federal highway numbering system was adopted. From 1926 until 1929, the old National Old Trails Road alignment served as the U.S. Highway 66 alignment. However, it had been obvious to State of California, Division of Highways planners for nearly a decade that the old roadway alignment needed to be upgraded. Thus, in 1928, the State of California implemented plans for a major realignment and rebuilding of U.S. Highway 66. During the period extending from 1929 to 1931, the original U.S. Highway 66 alignment was almost entirely realigned and rebuilt as a modern high-speed highway including the construction of over 130 timber trestle bridges.

### **Records Search**

Aspen requested an updated record search from the South Central Coastal Information Center (SCCIC), located at California State University, Fullerton, concerning previously conducted cultural resources surveys and previously recorded sites in the APE. The record search included the APE and a 1-mile radius around the APE boundary.

The results of the records search indicate that four previous cultural resources surveys were completed within the 1-mile search radius (see Table 3-2). Additionally, the 2012 and 2023 record search identified 22 previously recorded cultural resources within the 1-mile search radius, of those, four previously recorded resources are within the Project APE (see Table 3-3).

<b>Report No.</b>	<b>Author</b>	<b>Year</b>	<b>Study</b>	<b>Company</b>
SB-05634	Jeanette McKenna and Roger G. Hatheway	2004	Archaeological Survey Report, San Bernardino County Bridge Replacement Project (Bridges No. 81 and 82).	McKenna, et al.
SB-05635	Jeanette McKenna	2004	Archaeological Survey Report, San Bernardino County Bridge Replacement Project (Bridges No. 81 and 82)	McKenna, et al.
SB-07503	David Earle and Mary Maniery	2009	Research Design for Inventory and Evaluation of Archaeological Resources in Support of PG&E Trilobite Solar development Project, San Bernardino County, California	Far Western Anthropological Research Group

Report No.	Author	Year	Study	Company
SB-07504	Kimberly Carpenter, John Berg, and Mary Maniery	2009	Volume I: Report and Appendices S-E; Cultural resources Inventory of 7,580 Acres of BLM and Private lands near Chambless, San Bernardino County, California.	Far Western Anthropological Research Group

Resource Designation	Location to APE	Age	Description	Recording Events or References
CA-SBR-2910H (P36-002910)	In APE	Historic	National Trails Highway, Historic Route 66	McKenna, J., AE Com, DPR Record (2009); ESA, AE Com, DPR Record (2009); AE Com, DPR Record (2004, 2009); LSA, DPR Record (1993, 1994, 2005, 2008); Erickson, DPR Record (2008); Walters, DPR Record (2007); CalTrans, DPR Record (2006); Edaw, DPR Record (2004); UNLV, DPR Record (2001); Dietler, J., DPR Record (2001); SBNK, DPR Record (2000); Underwood, J., DPR Record (2000); Rafferty, K., DPR Record (1993); Glover, DPR Record (1993); Arch. Associates, DPR Record (1993); ARU, DPR Record (1991); Lerch, M., DPR Record (1990); Van Burow, T., DPR Record (1986); Berg, J., DPR Record (1989); Berg et al., DPR Record (1978); Gallegos, D., DPR Record (1977)
P36-013583	In APE	Historic	Dola Ditch Bridge (Bridge #81)	Hatheway and Huey, DPR Record (2002)
P36-013584	In APE	Historic	Lanzit Ditch Bridge (Bridge #82)	McKenna, J., DPR Record (2001)
CHL-985	Overlaps the entire project area and APE	Historic	Desert Training Center	Elder, S., Application For Registration of Historical Landmark
P36-006694	Outside APE	Historic	Road segment and historic trash.	J. Berg, Far Western (2009), update to previous site records.
CA-SBR-13540H (P36-021016)	Outside APE	Historic	Sparse can scatter	Far Western (2009)
CA-SBR-13618H (P36-021094)	Outside APE	Historic	Telephone line remnants and maintenance road.	Far Western (2009), J. Berg and M. Maniery.
P36-060948	Outside APE	Historic and Prehistoric	Ball Mason jar, soldered can, and prehistoric flake.	No citation. P36-060948, P36-060949, and P36-060950 are the same site record with separate numbers assigned for the Ball Mason jar, soldered can, and prehistoric flake. P36-060951 is the master site record.

<b>Resource Designation</b>	<b>Location to APE</b>	<b>Age</b>	<b>Description</b>	<b>Recording Events or References</b>
P36-060949	Outside APE	Historic and Prehistoric	Ball Mason jar, soldered can, and prehistoric flake.	No citation. P36-060948, P36-060949, and P36-060950 are the same site record with separate numbers assigned for the Ball Mason jar, soldered can, and prehistoric flake. P36-060951 is the master site record
P36-060950	Outside APE	Historic and Prehistoric	Ball Mason jar, soldered can, and prehistoric flake.	No citation. P36-060948, P36-060949, and P36-060950 are the same site record with separate numbers assigned for the Ball Mason jar, soldered can, and prehistoric flake. P36-060951 is the master site record
P36-060951	Outside APE	Historic	Ball Mason jar, soldered can, and prehistoric flake.	No citation. P36-060951 is the master site record for P36-060948, P36-060949, and P36-060950.
P36-032351	Outside APE	Historic	Aluminum pop-top can.	Far Western (2018), Steven Neidig. Citation: Byerly, Ryan, S. A. Waechter, K. Colligan, G. Caretti, C. R. Higgins, K. Carpenter (2018). Cultural Resources Inventory and Site Evaluations in Support of the Proposed Hydrostatic Testing of Line 300, San Bernardino County, California.
P36-032352	Outside APE	Historic	Brown bottle.	Far Western (2018), Steven Neidig. Citation: Byerly, Ryan, S. A. Waechter, K. Colligan, G. Caretti, C. R. Higgins, K. Carpenter (2018). Cultural Resources Inventory and Site Evaluations in Support of the Proposed Hydrostatic Testing of Line 300, San Bernardino County, California.
P36-032353	Outside APE	Historic	Brown bottle.	Far Western (2018), Steven Neidig. Citation: Byerly, Ryan, S. A. Waechter, K. Colligan, G. Caretti, C. R. Higgins, K. Carpenter (2018). Cultural Resources Inventory and Site Evaluations in Support of the Proposed Hydrostatic Testing of Line 300, San Bernardino County, California.
P36-032354	Outside APE	Prehistoric	Less than 10 small, fine-grained volcanic flakes.	Far Western (2018), Steven Neidig. Citation: Byerly, Ryan, S. A. Waechter, K. Colligan, G. Caretti, C. R. Higgins, K. Carpenter (2018). Cultural Resources Inventory and Site Evaluations in Support of the Proposed Hydrostatic Testing of Line 300, San Bernardino County, California.
P36-032355	Outside APE	Historic	Flattened metal can	Far Western (2018), Steven Neidig. Citation: Byerly, Ryan, S. A. Waechter, K. Colligan, G. Caretti, C. R. Higgins, K. Carpenter (2018). Cultural Resources Inventory and Site Evaluations in Support of the Proposed Hydrostatic Testing of Line 300, San Bernardino County, California.
P36-032356	Outside APE	Prehistoric	Possible tested cobble.	Far Western (2018), Steven Neidig. Citation: Byerly, Ryan, S. A. Waechter, K. Colligan, G. Caretti, C. R. Higgins, K. Carpenter (2018). Cultural Resources Inventory and Site Evaluations in Support of the Proposed Hydrostatic Testing of Line 300, San Bernardino County, California.

<b>Resource Designation</b>	<b>Location to APE</b>	<b>Age</b>	<b>Description</b>	<b>Recording Events or References</b>
P36-032390	Outside APE	Historic	Metal cans and car parts.	Far Western (2018), Steven Neidig. Citation: Byerly, Ryan, S. A. Waechter, K. Colligan, G. Caretti, C. R. Higgins, K. Carpenter (2018). Cultural Resources Inventory and Site Evaluations in Support of the Proposed Hydrostatic Testing of Line 300, San Bernardino County, California.
P36-032391	Outside APE	Historic	Historic dirt road.	Far Western (2018), Steven Neidig. Citation: Byerly, Ryan, S. A. Waechter, K. Colligan, G. Caretti, C. R. Higgins, K. Carpenter (2018). Cultural Resources Inventory and Site Evaluations in Support of the Proposed Hydrostatic Testing of Line 300, San Bernardino County, California.
P36-032395	Outside APE	Historic	Refuse deposit with cans, bottles, and car parts.	Far Western (2018), Steven Neidig. Citation: Byerly, Ryan, S. A. Waechter, K. Colligan, G. Caretti, C. R. Higgins, K. Carpenter (2018). Cultural Resources Inventory and Site Evaluations in Support of the Proposed Hydrostatic Testing of Line 300, San Bernardino County, California.

The results of the 2023 records search update do not change the results and findings of the original 2012 records search with regards to sites recorded within the proposed Project APE. Previous recorded sites within the APE, then and now, include only CA-SBR-2910H (P36-002910), National Old Trails Road – U.S. Highway 66; P36-013583, Dola Ditch Bridge (Bridge #81); P36-013584, Lanzit Ditch Bridge (Bridge #82); and California Historical Landmark No. 985: Desert Training Center and California – Arizona Maneuver Area (DTC/C-AMA). National Register of Historic Properties (NRHP) conclusions regarding specific CA Highway 66/NTH associated properties have changed over time in response to various reports prepared for San Bernardino County between 2014 and 2023.

***Native American Heritage Commission Sacred Lands File Search***

The County has determined that new Native American consultations are not required in implementing the currently proposed 2023 Dola Ditch Bridge and Lanzit Ditch Bridge Replacement Project, as all appropriate consultations were previously carried out. As noted in the 2014 Dola and Lanzit HPSR, “Letters requesting information about cultural resources in the Project area were sent to the following Native American contacts on January 14, 2014: Joseph Hamilton (Ramona Band), Carla Rodriguez (San Manuel Band), Daniel McCarthy (San Manuel Band), Goldie Walker (Serrano Nation), William Madrigal, Jr. (Morongo Band), Ernest Siva (Morongo Band), John Valenzuela (San Fernando Band), Edward Smith (Chemehuevi Reservation), Timothy Williams (Fort Mojave Indian Tribe), Nora McDowell (Fort Mojave Indian Tribe), Linda Otero (Fort Mojave Indian Tribe), Wayne Patch, Sr. (Colorado River Indian Tribe), and Preston J. Arrowweed (Ah-Mut-Pipa Foundation). In an e-mail on January 15, Daniel McCarthy of the San Manuel Band stated he is not aware of any culturally sensitive areas within the project area and that he has no concerns. In a telephone call on February 19, John Valenzuela of the San Fernando Band said that he does not know of any sensitive cultural resources in the Project area. He wishes to be kept informed if anything is found. No replies were received from the other Native American contacts.

### ***Archaeological Pedestrian Survey***

The County has determined that no additional archaeological surveys are required in implementing the proposed 2023 Dola Ditch Bridge and Lanzit Ditch Bridge Replacement Project as the 2023 APE has not substantially changed from the earlier Caltrans approved 2015 APE. In addition, all appropriate consultations were previously carried out in 2014, and no significant prehistoric or historic archaeological resources were identified within the much larger Study Area as surveyed in 2014.

### ***Built Environment Survey***

On April 26, 2023, Aspen staff Principal Investigator, Roger Hatheway, conducted a survey of the APE for both Dola Ditch Bridge and Lanzit Ditch Bridge. This included photography of each bridge and all previously designated historic properties within or directly adjacent to the APE.

The existing Dola Ditch and Lanzit Ditch bridges are not considered historical resources under CEQA as they were recently constructed in 2017. Mr. Hatheway identified the original 1926-1930 historic CA Highway 66/NTH (CA-SBR-2910H) roadway intersects the APE, which is eligible to the national and state register, and considered a historical resource under CEQA. There are two 1950s Paddleboards located within the APE, and two adjacent C-markers, which are also considered historical resources for the purposes of CEQA, as they are identified as contributing elements to CA Highway 66/NTH.

Lastly, the Desert Training Center and California – Arizona Maneuver Area (DTC/C-AMA) is recorded as California Historical Landmark No. 985. The DTC/C-AMA stretches from Indio, California eastward toward Prescott, Arizona and from Yuma, Arizona to Searchlight, Nevada and covers approximately 18,000 square miles. While the recorded boundary of the DTC/C-AMA encompasses the entire Project, no resources associated with the DTC/C-AMA were identified within the APE, including tank tracks, tent pads, or other evidence of military use. The resources outlined above are the same resources identified during the 2014 survey and environmental analysis.

### **Regulatory Setting**

#### ***State***

**California Environmental Quality Act (California Public Resources Code Section 21000 et seq.) (1970).** CEQA Guidelines define significant cultural resources under two regulatory designations: historical resources and unique archaeological resources. A resource listed in, or determined to be eligible for listing in, the National Register of Historic Places (NRHP) or California Register of Historical Resources (CRHR). A resource must meet at least one of four criteria (PRC §5024.1; 14 CCR §15064.5[a][3]). Historical resources must also possess integrity of location, design, setting, materials, workmanship, feeling, and association (14 CCR 4852[c]).

Additionally, CEQA states that it is the responsibility of the lead agency to determine whether a project will have a significant effect on “unique” archaeological resources. An archaeological artifact, object, or site can meet CEQA’s definition of a unique archaeological resource even if it does not qualify as a historical resource (PRC 21083.2[g]; 14 CCR 15064.5[c][3]).

**California Health and Safety Code Section 7050.5.** This code establishes that any person, who knowingly mutilates, disinters, wantonly disturbs, or willfully removes any human remains in or from any location without authority of law is guilty of a misdemeanor. It further defines procedures for the discovery and treatment of Native American human remains. All work at the site of discovery must cease immediately, and notification made to the County Coroner. Within 48 hours of discovery, the coroner must determine if the remains are Native American in origin. If this is

determined, then the coroner must then notify the NAHC by telephone within 24 hours. Furthermore, California Health and Safety Code Section 7050.5 states that any person who knowingly mutilates or disinters, wantonly disturbs, or willfully removes any human remains in or from any location other than a dedicated cemetery without authority of law is guilty of a misdemeanor, except as provided in PRC Section 5097.99. Any person removing any human remains without authority of law or written permission of the person or persons having the right to control the remains under PRC Section 7100 has committed a public offense that is punishable by imprisonment (Health and Safety Code §7051).

### **Local**

As described in the San Bernardino County General Plan, cultural resources provide both tangible and intangible links to the past. Such resources may include archaeological sites, sacred landscapes, historic buildings, and even culturally important plants and animals. These resources are valuable in that they can serve to recognize the diversity of our county's many previous, current, and future inhabitants. Not only can a resource be a memorial to historical events and individuals, but it can also be an important object/place of modern cultural significance, as well as be something that will contribute to the continuance of a community's cultural identity. Additionally, paleontological resources, which most commonly manifest as fossils related to animals, plants, and the ecosystem, provide great insight into our county's past prior to human habitation. Finally, the General Plan establishes goals to ensure that Tribal cultural resources are preserved and celebrated out of respect for Native American beliefs and traditions.

The Conservation Element of the Policy Plan includes the following relevant Goal and Policies regarding historical resources:

- Goal CR-2 Historic and Paleontological Resources: Historic resources (buildings, structures, or archaeological resources) and paleontological resources that are protected and preserved for their cultural importance to local communities as well as their research and educational potential.
  - Policy CR-2.1 National and state historic resources: We encourage the preservation of archaeological sites and structures of state or national significance in accordance with the Secretary of Interior's standards.
  - Policy CR-2.2 Local historic resources: We encourage property owners to maintain the historic integrity of resources on their property by (listed in order of preference): preservation, adaptive reuse, or memorialization.
  - Policy CR-2.3 Paleontological and archaeological resources: We strive to protect paleontological and archaeological resources from loss or destruction by requiring that new development include appropriate mitigation to preserve the quality and integrity of these resources. We require new development to avoid paleontological and archeological resources whenever possible. If avoidance is not possible, we require the salvage and preservation of paleontological and archeological resources.
- a. The 2023 record search and built environment survey identified National Old Trails Road/Route 66 (CA-SBR-2910H) roadway, two 1950s paddleboards within the current APE, two C-markers directly adjacent to Lanzit Ditch Bridge, and the DTC/C-AMA. These six historical resources are the same resources identified in the 2014 survey and were included in the environmental analysis. The current Project includes some changes to the project description such as, widening and lengthening the new reinforced concrete bridges along with the destruction of up to 800 feet needed for new roadwork on either end of the two bridges.

The new approach work could include roadway “feathering” or tapering to adjust the roadway to the wider new bridges, which is a direct impact to the National Old Trails Road/Route 66 (CA-SBR-2910H). However, this new approach work results in a relatively minor change to the roadway at any given point and does not cause a substantial adverse change to the National Old Trails Road/Route 66 (CA-SBR-2910H) overall and is not considered a significant impact.

Additionally, the APE is located within the NRHP-eligible DTC/C-AMA which encompasses a wide expanse of desert in southeastern California and western Arizona. However, no features or artifacts associated with the DTC/C-AMA exist at either bridge location, thus the proposed Project has no potential to impact any significant features of this resource.

Lastly, two historic paddleboards and adjacent C-markers could be damaged or destroyed during demolition or construction, which would constitute a significant impact absent mitigation. Implementation of previously adopted mitigation measures CR-1 and CR-2 (see text below) would ensure that these historical resources are protected, thereby reducing this impact to less than significant.

**CR-1:** As part of mitigation of project impacts, the “40 SBD” paddleboards must be avoided and left in place, or if avoidance is not possible, the project must make every effort to minimize impacts to these features. The paddleboards can be removed prior to construction and stored for safe keeping until they are replaced in their original location once construction has been completed.

**CR-2:** Because the concrete C-markers are situated within close proximity to the Area of Potential Effect, low to the ground, and not highly visible, their locations must be staked and flagged so they are avoided and not inadvertently impacted by heavy equipment. The County of San Bernardino, Department of Public Works is the responsible agency under CEQA.

The IS/MNDs concluded that construction and operation of the Project would result in impacts to historical resources that are less than significant with mitigation incorporated (CR-1 and CR-2). It has been determined that the same mitigation measures apply to the proposed Project and thus would result in in the same CEQA conclusion, less than significant with mitigation incorporated. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- b. No unique archaeological resources have been identified in the APE as a result of the record search or pedestrian survey. The APEs have already been heavily disturbed from the replacement of the original 1930s bridges in 2017. It is highly unlikely that intact, unique archaeological resources would remain below modern ground surface within the APE or immediately adjacent. Therefore, the proposed Project would have no impact on unique archaeological resources.

The IS/MNDs concluded that construction and operation of the Project would not result in impacts to archaeological resources and no mitigation was proposed. The proposed Project has been determined that it is highly unlikely that intact, unique archaeological resources would remain below modern ground surface within the APE or immediately adjacent given the level of previous ground disturbance during the replacement of the original bridges in 2017. Thus, the proposed Project would have no impact on archaeological resources; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- c. A review of the record search results, and a pedestrian survey, of the APE indicates that there are no known human burials or cemeteries located in the APE or immediately adjacent, thus the proposed Project will not impact any known human remains. In the unlikely event of an unanticipated discovery of any human remains, Health and Safety Code Section 7050.5, CEQA Section 15064.5(e), and Public Resources Code Section 5097.98 mandate the following process be followed.

The IS/MNDs concluded that construction and operation of the Project would not result in impacts to known human remains and no mitigation was proposed. It has been determined that it is highly unlikely that unknown human remains would remain below modern ground surface within the APE or immediately adjacent given the level of previous ground disturbance during the replacement of the original bridges in 2017. Thus, the proposed Project would not impact known human remains; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

NOT FOR BIDDING

**VI. ENERGY**

**Would the project:**

	Subsequent/ Supplemental CEQA Document: New Significant Effects or Substantially More Severe Effects	Addendum: None of the Conditions in State CEQA Guidelines Section 15162 Would Occur
a. Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion:**

This section addresses the potential impacts relating to energy use associated with construction and operation of the proposed Project. It includes a description of existing conditions and an evaluation of potential impacts relating to energy. When the original IS/MNDs were published in 2015, energy was not included as a separate environmental factor in CEQA law. The 2019 CEQA Guidelines introduced energy as its own standalone section. Therefore, this assessment evaluates energy impacts separately.

- a. Construction of the proposed Project would require the use of heavy equipment to demolish the existing Bridges, excavate and grade the existing channels, raise the road profile, and construct the new Bridges. Construction equipment and worker vehicles would require the use of non-renewable fuels such as gasoline and diesel. However, construction would be temporary (approximately five months), nighttime construction lighting would be temporary, and the use of heavy equipment would cease once the Project is in operation. The amount of electricity needed is anticipated to be extremely minor compared to the overall use and demand in the County. As such, the Project would result in less-than-significant impacts regarding the wasteful, inefficient, or unnecessary consumption of energy during construction and operation.

The proposed Project would not result in potentially significant environmental impact due to wasteful, unnecessary consumption of energy resources, during Project construction or operation. Energy use associated with the proposed Project would be primarily in the form of diesel and gasoline consumption from on- and off-road vehicles and equipment used during construction. The Project's construction activities are necessary to ensure road safety along CA Highway 66/NTH and address deficiencies in the existing Bridges' design. Construction would use standard methods and equipment to meet the Project goals and would not create a wasteful, inefficient, or unnecessary consumption of energy resources. The proposed Project would not add new energy requirements for continued maintenance, as maintenance is expected to be less than existing maintenance needs.

As shown in Appendix A, the proposed Project would emit approximately 1,132 metric tons of carbon dioxide equivalent (CO<sub>2</sub>e) per year. The volume of diesel consumed during the proposed Project can be estimated by using a general emission factor to gallons for diesel of 10.2 kilograms of CO<sub>2</sub> per gallon. Based on the mass of CO<sub>2</sub>e emissions, approximately 110,980 gallons or 2,642 barrels of diesel fuel would need to be used per year. Impacts would be less than significant.

- b. The Project does not conflict with energy efficiency plans, restrict the development of renewable energy projects, or restrict the use of renewable energy. The Project does not include energy consumption sources that are directly subject to state or local energy efficiency plans. The use of on-road vehicles during Project construction would be temporary and limited

and would be required to meet ongoing federal and state fuel efficiency requirements. During operations, maintenance activities would be identical to existing conditions with no increase in energy use. Therefore, the Project would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency. Impacts would be less than significant.

NOT FOR BID

**VII. GEOLOGY AND SOILS**

**Would the project:**

	Subsequent/ Supplemental CEQA Document: New Significant Effects or Substantially More Severe Effects	Addendum: None of the Conditions in State CEQA Guidelines Section 15162 Would Occur
a. Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:		
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ii) Strong seismic ground shaking?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iv) Landslides?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Be located on geologic units or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion:**

***Environmental Setting***

***Regional and Local Geology***

The proposed Project is situated within the Desert Region of San Bernardino County between the Mojave Desert and Transverse Ranges Province of California. The sites are underlain by young and intermediate alluvial fan deposits (Paleo Solutions, 2014a; 2014b). The Lavic Lake Fault Zone is approximately 35 miles west of the Project sites (DOC, 2022).

***Seismicity and Ground Shaking***

Seismicity is defined as the geographic and historic distribution of earthquake activity. Seismic activity may result in geologic and seismic hazards including seismically induced fault displacement and rupture, ground shaking, liquefaction, lateral spreading, landslides and avalanches, and structural hazards. Based on historical seismic activity and fault and seismic hazards mapping, Southern California is generally a seismically active area.

The intensity of the seismic shaking, or strong ground motion, during an earthquake, is dependent on the distance between the Project area and the epicenter (point at the Earth’s surface directly above the initial movement of the fault at depth) of the earthquake, the magnitude (seismic energy released) of the earthquake, and the geologic conditions underlying and surrounding the Project

area. Earthquakes occurring on faults closest to the Project area would most likely generate the largest ground motion.

### *Fault Systems*

The Lavic Lake Fault, located approximately 35 miles west of the Project site, is a right-lateral strike-slip fault 17 miles in length extending from Lavic Lake to the east of Quackenbush Lake where it intersects the Bullion fault (SCEDC, 2023). Its most recent surface rupture was in 1999, and it can produce strong earthquakes of magnitude 7.1 (SCEDC, 2023). The Project site is not within the Alquist-Priolo fault zone (DOC, 2022). The purpose of the Alquist-Priolo fault zone is to ensure public safety by prohibiting the siting of most structures for human occupancy across traces of active faults that pose a potential hazard to structures from surface faulting or fault creep.

### *Soils*

Based on Soil Conservation Service STATSGO data, soil surface texture at the Project site is extremely gravelly - sandy loam. The main soil component belongs to the Carrizo series, which consists of deep, excessively drained soils (GTC, 2014a; 2014b). This soil drainage class is characterized as excessive with very high hydraulic conductivity and low water holding capacity (GTC, 2014a; 2014b)

### *Liquefaction*

Liquefaction is a seismic event in which loose, waterlogged, fine-grained soil behaves similarly to a fluid in response to high-intensity ground shaking. Liquefaction occurs when the following exist: (1) shallow groundwater; (2) low-density, fine, clean sandy soil; and (3) high-intensity ground motion. This phenomenon can result in major damage to buildings located on top of the surface, as the soil can no longer support the weight above it. Typically, liquefaction occurs in areas where groundwater is less than 50 feet from the surface and where the soil consists predominantly of poorly consolidated sands.

The Project sites have soils consisting of extremely gravelly, sandy loam (GTC, 2014a; 2014b)/ According to mapping by the County of San Bernardino, the Project site is not located in area susceptible to liquefaction (County of San Bernardino, 2020).

### *Landslides*

A landslide is a mass movement of rock, debris, or earth down a slope and can occur very slowly or very suddenly, with potentially disastrous results. Landslides commonly occur when forces acting downslope (mainly due to gravity) exceed the strength of the materials that compose the slope. Landslides can be initiated in already unstable slopes on the verge of movement by weather, changes in water level, erosion, earthquakes, and human disturbances (USGS, 2023b). There are no hills, mountains, or other landforms with steep slopes that could result in a landslide. The Project site is not located in an area susceptible to landslides (County of San Bernardino, 2020).

### *Subsidence*

Land subsidence is normally the result of fluid removal such as groundwater and/or oil extraction that creates subsurface voids, resulting in the sinking of land. When fluid is withdrawn, the pressure overlying the ground surface increases. Sediments are then compacted due to overlying pressures no longer being compensated by supporting subsurface fluids.

No oil wells are located within 1 mile of the Project site (County of San Bernardino 2020b; DOC 2022b).

### *Collapsible Soils*

Collapsible soils are soils that experience a decrease in volume and associated settlement as a result of a change in soil structure associated with wetting of partially saturated subsoil. Typically, collapsible soils occur predominantly at the base of mountains, where Holocene-age alluvial fan and wash sediments have been deposited during rapid runoff events. Collapsible soil is not present at the proposed Project area.

### *Paleontology*

A museum records and locality search were requested from the San Bernardino County Museum (Paleo Solutions, 2014). While the search did not identify any known fossil localities directly within the Project area, several examples of Pleistocene fauna are located in the surrounding area, occurring in older alluvial deposits.

### **Regulatory Setting**

#### *Federal*

The Federal Emergency Management Agency (FEMA) is responsible for providing aid in the event of an earthquake that results in significant damage. The National Earthquake Hazards Reduction Program is a nationwide program designed to reduce the risk to lives and property resulting from earthquakes in the United States. It is managed as a collaborative effort between FEMA, the National Institute of Hazards and Technology, the National Science Foundation, and the United States Geological Survey (USGS).

#### *State of California*

The State of California has established a variety of regulations and requirements related to seismic safety and structural integrity, including the California Building Code, the Alquist-Priolo Earthquake Fault Zoning Act, and the Seismic Hazards Mapping Act.

**California Building Code.** The California Building Code (CBC) is included in Title 24 of the California Code of Regulations and is a portion of the California Building Standards Code. The CBC incorporates the Uniform Building Code (now International Building Code), a widely adopted model building code in the United States. The CBC contains specific requirements for seismic safety, excavation, foundations, retaining walls and site demolition. It also regulates grading activities, including drainage and erosion control.

**Alquist-Priolo Earthquake Fault Zoning Act.** The Alquist-Priolo Act was passed to mitigate the hazard of surface faulting associated with surface fault rupture to structures for human occupancy. It prohibits the siting of structures designed for human occupancy across active faults and regulates construction within fault zones. The law requires the State of California to establish regulatory zones around surface traces of active faults and to issue the appropriate maps. It also requires a geologic investigation in the event of new construction, to ensure that it would not be located on a fault zone.

**The Seismic Hazards Mapping Act.** The Seismic Hazards Mapping Act addresses seismic hazards such as strong ground shaking, soil liquefaction, and earthquake-related landslides. This act requires the State of California to identify and map areas that are at risk for these (and related) hazards. Cities and counties are also required to regulate development in the mapped seismic hazard zones. The primary method of regulating construction in these areas is through the permit process, and a permit cannot be issued until a geological investigation is completed.

**The California Public Resources Code (PCR).** PCR Section 5097.5 affirms that no person shall willingly or knowingly excavate, remove, or otherwise destroy a vertebrate paleontological site or

paleontological feature without the express permission of the overseeing public land agency. It further states under PRC Section 30244 that any development that would adversely impact paleontological resources shall require reasonable mitigation. These regulations apply to projects located on land owned by or under the jurisdiction of the State or any city, county, district, or other public agency (PRC §5097.5). The importance of paleontological resources is based on their scientific and educational value. The Society of Vertebrate Paleontology (SVP) identifies vertebrate fossils, their taphonomic and associated environmental data, and fossiliferous deposits as scientifically significant nonrenewable paleontological resources (SVP, 2010). Botanical and invertebrate fossils and assemblages may also be significant. Absent specific agency guidelines, most professional paleontologists in California adhere to guidelines set forth in “Standard Procedures for the Assessment and Mitigation of Adverse Impacts to Paleontological Resources” (SVP, 2010). These categories include high, undetermined, low, and no potential.

**The Society of Vertebrate Paleontology (SVP)** identifies vertebrate fossils, their taphonomic and associated environmental data, and fossiliferous deposits as scientifically significant nonrenewable paleontological resources (SVP, 2010). Botanical and invertebrate fossils and assemblages may also be significant. Absent specific agency guidelines, most professional paleontologists in California adhere to guidelines set forth in “Standard Procedures for the Assessment and Mitigation of Adverse Impacts to Paleontological Resources” (SVP, 2010). These categories include high, undetermined, low, and no potential.

- a. (i). Although the proposed Project is located in Southern California, a generally seismically active area, it is not located within the Alquist-Priolo zone, and no earthquake fault zones are identified within the vicinity of the Project (County of San Bernardino, 2020). Construction would occur within an existing roadway and replace the existing Dola Ditch and Lanzit Ditch Bridges. There would be no risk of loss, injury, or death involving rupture of a known earthquake fault. No impact would occur.
- (ii). Considering that the purpose of the proposed Project is to replace the existing Bridges that have been deemed structurally deficient, the potential for earthquake damage to the existing Bridges is higher than the potential for earthquake damage to the new Bridges under the proposed Project. Earthquake and seismic ground shaking related damage to the existing Bridges would have a higher probability of resulting in adverse effects, such as restricted access and possible risk of loss, injury, or death. The proposed Project would reduce the potential for such adverse effects compared to existing conditions. Additionally, no habitable structures would be constructed that could collapse and pose the risk of loss, injury, or death to people. No impact would occur.
- (iii). The proposed Project is not located within a liquefaction hazard zone and would not construct habitable structures that would expose people to liquefaction hazards (County of San Bernardino, 2020). The Project would not expose people or structures to substantial adverse effects associated with seismic-related ground failure from liquefaction. No impact would occur.
- (iv). The proposed Project is not located near any steep hills or mountains and is not within a mapped landslide zone (County of San Bernardino, 2020). Therefore, the proposed Project would not expose people to the risk of loss, injury, or death involving landslides. No impact would occur.

The IS/MNDs concluded that earthquake fault zones, liquefaction zones, and landslide zones were not identified within the vicinity of the Project sites. As such, the proposed Project would not expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault, strong seismic ground

shaking, seismic-related ground failure, including liquefaction, or landslides, and no impact would occur. The proposed Project has been determined to have no impacts; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- b.** The proposed Project would potentially increase the risk of topsoil erosion during excavation and installation of Project components. Off-road construction vehicles and equipment may degrade and disturb soils, which may subsequently be transported by wind and/or surface water runoff in response to precipitation, exacerbating the erosion processes. Rock slope protection placement is proposed within the construction areas to stabilize and protect slopes from erosion. Impacts would be less than significant.

The IS/MNDs concluded that substantial soil erosion is not anticipated, but temporary and site-specific impacts may occur. As such, the proposed Project would not result in substantial soil erosion or loss of topsoil, and impacts would be less than significant. The proposed Project has been determined to have less-than-significant impacts; therefore, the proposed Project would not create a significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- c.** The proposed Project is not located within 1 mile of any oil fields or wells, and as such, would not likely experience subsidence. Additionally, the Project site is not located in a mapped liquefaction zone and the proposed Project would not introduce any habitable structures that could harm people (County of San Bernardino, 2020). The Project components would not substantially contribute to soil instability or introduce a substantial risk to soil instability, as none of the structures would be inhabited. No impacts would occur.

The IS/MNDs concluded that the Project area is not located on or near unstable geologic units or soils or in an area susceptible to landslides or liquefaction. As such, the proposed Project would not cause the geologic units or soil to become unstable and potentially result in on-or off-site landslides, lateral spreading, subsidence, liquefaction, or collapse, and no impact would occur. The proposed Project has been determined to have no impact; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- d.** The dominant soil type within the Project area is Carrizo, which contains very low clay content and, as a result, has low shrink-swell (expansive) capacity (STATSGO, 1995). No impact related to expansive soils would occur.

The IS/MNDs concluded that the Project would not be located on expansive soil. As such, the proposed Project would not create substantial risks to life or property associated with expansive soil, and no impact would occur. The proposed Project has been determined to have no impact; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- e.** The proposed Project would not include the construction of septic tanks or alternative wastewater disposal systems. Therefore, no impact would occur.

The IS/MNDs concluded that the Project would not include the installation of septic tanks or alternative wastewater disposal systems. As such, the proposed Project would not result in related impacts. The proposed Project has been determined to have no impact; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- f. The proposed Project has the potential to impact previously unknown paleontological resources or unique geologic features that could be discovered and damaged or destroyed during ground disturbance, which would constitute a significant impact absent mitigation. Implementation of MM PAL-1 (see text below) would avoid and/or properly treat these resources, thereby reducing this impact to less than significant after mitigation.

**PAL-1:** A paleontologist must be retained who meets the professional paleontologist qualifications (San Bernardino County Development Code §82.20.040) and has demonstrated experience in carrying paleontological projects to completion. This qualified paleontologist must develop and implement a Paleontological Resources Management Plan (PRMP) for the project area that meets the standards set forth in San Bernardino County Development Code §82.20.030. This shall include:

- A Worker Environmental Awareness Program (WEAP) wherein all construction personnel are trained on the processes to be followed upon encountering any fossils.
- A monitoring plan for ground disturbing activities that provides the monitor(s) with the authority to temporarily halt or divert equipment. Monitors shall be onsite for any disturbance of sediments with high or unknown paleontological sensitivity. Monitors must have demonstrated sufficient paleontological training and field experience to have acceptable knowledge and experience of fossil identification, salvage and collection methods, paleontological techniques, and stratigraphy.
- A recovery plan for significant fossils that provides for the treatment of specimens to the point of identification and permanent preservation, including washing of sediments to recover small invertebrates and vertebrates.
- A specimen identification, analysis, and curation plan that includes identification to the lowest taxonomic level possible; taxonomic, taphonomic, and biostratigraphic analysis; and curation to the standards of the San Bernardino County Museum, where they will be curated.
- Documentation of the results of the construction monitoring program with daily monitoring reports, monthly progress reports, and a final report of findings with an appended itemized list of specimens. These must be submitted to the County of San Bernardino, Department of Public Works for review.

The IS/MNDs concluded that construction activities could result in the loss of fossils and associated contextual information, representing a significant adverse environmental impact. As such, the proposed Project could result in significant impacts regarding the destruction of a unique paleontological resource or site or unique geologic feature without mitigation. The proposed Project has been determined to have a less-than-significant impact with MM PAL-1 incorporated; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

**VIII. GREENHOUSE GAS EMISSIONS**

**Would the project:**

	Subsequent/ Supplemental CEQA Document: New Significant Effects or Substantially More Severe Effects	Addendum: None of the Conditions in State CEQA Guidelines Section 15162 Would Occur
a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Conflict with any applicable plan, policy or regulation of an agency adopted for the purposes of reducing the emissions of greenhouse gases?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion:**

Gases that trap heat in the atmosphere are called greenhouse gases (GHGs), since they have effects that are analogous to the way in which a greenhouse retains heat. Greenhouse gases are emitted by both natural processes and human activities. The accumulation of greenhouse gases in the atmosphere regulates the earth's temperature. The State of California has undertaken initiatives designed to address the effects of greenhouse gas emissions, and to establish targets and emission reduction strategies for greenhouse gas emissions in California.

While climate change has been a concern since at least 1998, as evidenced by the establishment of the United Nations and World Meteorological Organization's Intergovernmental Panel on Climate Change (IPCC), efforts devoted to greenhouse gas (GHG) emissions reduction, and climate change research and policy have increased dramatically in recent years. Global climate change (GCC) is expressed as changes in the average weather of the Earth, as measured by change in wind patterns, storms, precipitation, and temperature. Much scientific research has indicated that the human-related emissions of GHGs above natural levels are likely a significant contributor to GCC.

The principal GHGs are carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), sulfur hexafluoride (SF<sub>6</sub>), perfluorocarbons (PFCs), hydrofluorocarbons (HFCs), and water vapor (H<sub>2</sub>O). CO<sub>2</sub> is the reference gas for climate change because it is the predominant greenhouse gas emitted. To account for the varying warming potential of different GHGs, GHG emissions are often quantified and reported as CO<sub>2</sub> equivalents (CO<sub>2</sub>e). GHG emissions from construction and operation of the proposed Project were quantified using the California Emissions Estimator Model (CalEEMod) and are available in Appendix A to this document.

All levels of government have some responsibility for the protection of air quality, and each level (federal, State, and regional/local) has specific responsibilities relating to air quality regulation. Regulation of GHGs is a relatively new component of air quality. Several legislative actions have been adopted to regulate GHGs on a federal, State, and local level. There are a few State and local GHG emissions reduction goals and policies that may apply to the proposed Project; however, there are no federal, State, or local regulations that directly apply to the proposed Project's construction and operation.

- a. The proposed Project would generate GHG emissions through construction activities. The period of construction would be short-term (six five months), and construction-phase GHG emissions would occur directly from the off-road equipment used at the Project site and the on-road motor vehicles needed to mobilize crew, equipment, and materials. Operation emissions would be effectively unchanged from current use and maintenance at the site.

The GHG emissions estimate were determined using the MDAQMD approved CalEEMod program. Construction equipment and phasing as described in Appendix A are included in the calculations. A summary of the proposed Project’s construction carbon dioxide equivalent (CO2e) emissions estimates is shown in Table 3-4.

The GHG emission estimate for the proposed project is substantially below the San Bernardino County GHG emissions threshold of 3,000 metric tons (MT) of CO2e per year. The total one-time emissions during the construction period would be even lower, on a per-year basis, if amortized over the life of the project. The proposed Project would not affect existing O&M activities, therefore no emissions estimate has been completed for continuing operations. As a result, the quantity of GHG emissions caused by the Project would have a less than significant impact.

The proposed Project’s estimated total emissions are summarized in Table 3-4. Appendix A includes the GHG emissions estimate calculations for proposed Project construction.

<b>Table 3-4. Greenhouse Gas Emissions</b>	
	<b>GHG Emissions (MTCO2e)</b>
Construction GHG Emissions	1,132
GHG Emissions Significance Threshold	3,000
<b>Exceeds Thresholds?</b>	<b>No</b>

Source: Appendix A; County of San Bernardino, 2015  
 Note: MTCO2e: Metric ton of carbon dioxide equivalent

Table 3-4 shows that the proposed Project’s construction would have GHG emissions that are well below the GHG emissions significance criteria; therefore, the impacts would be less than significant.

The IS/MNDs concluded that the Project’s construction and operation emissions would be below MDAQMD’s GHG significance thresholds, and impacts would be less than significant. The proposed Project has been determined to have less-than-significant impacts; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- b.** Key plans, policies, and regulations with respect to GHG reductions include:

AB32 Climate Change Scoping Plan (CARB, 2017)

The AB32 Climate Change Scoping Plan was first passed by the California legislature in 2008, with most recently updated in 2022 to address changes in GHG emissions reductions goals. This plan includes emission reduction strategies to reach the state’s GHG reduction targets. Emissions reduction strategies include increasing renewable energy and fuels, increasing building efficiency, moving towards zero or near zero emission vehicles, and community design strategies such a walkable/bikeable communities with public transit.

Most emission reduction strategies in the plan do not directly impact construction emissions; however, strategies involving vehicle standards and idling time, as well as waste reduction would apply to the Project’s construction. Vehicles that access the Project site would be required to comply with the Vehicle Climate Change Standards and would be required to limit idling time for commercial vehicles. Solid Waste Reduction is another strategy of the plan that would apply to construction of the proposed Project. This State strategy has been codified in 2012 under SB 1374 as the Construction and Demolition Waste Ordinance that requires jurisdictions to divert a minimum of 50 percent of their non-hazardous construction and demolition waste from landfills. Waste from the proposed Project would be minimal, and material excavated on site would be reused for infill on site. Additional GHG emissions

reductions from construction would occur indirectly from other state-wide actions such as the low carbon fuel standard that is currently being implemented.

San Bernardino County Regional GHG Reduction Plan (County of San Bernardino, 2021)

The San Bernardino Council of Governments compiled GHG emissions inventory and evaluated reduction measures in response to AB32. The emission reduction goals in unincorporated San Bernardino County, where the Project is located, is 40 percent below 2020 GHG emissions levels by 2030. Most of the GHG reduction measures do not directly affect the types of sources that occur with short term construction activities. The measures that do relate to the proposed Project are local measures including the Idling Ordinance, and Waste Diversion and Reduction.

County of San Bernardino Greenhouse Gas Emissions Reduction Plan (San Bernardino County, 2011; San Bernardino County 2015)

The Emissions Reduction Plan has specific goals including reducing emissions to 15 percent below 2007 levels by 2020, provide estimated GHG reductions associated with the County's existing efforts and approve a GHG reduction plan that satisfies the CEQA Guidelines requirements. The Emissions Reduction Plan was updated in 2015. This update set a review standard of 3,000 MTCO<sub>2e</sub> per year to identify projects large enough to utilize screening tables for quantifying and mitigating GHG emissions.

The proposed Project would generate a small amount of construction related GHG emissions and would not otherwise affect the operating GHG emissions. The proposed Project would implement County required waste reduction measures to ensure compliance with applicable state and local GHG reduction measures and would be consistent with the San Bernardino County Regional GHG Reduction Plan and County of San Bernardino Greenhouse Gas Emissions Reduction Plan. The Project would not conflict with the state's GHG reduction target of 40 percent below 1990 levels by 2030 or conflict with the GHG emissions reduction measures listed in the CARB Climate Change Scoping Plan, and the proposed Project would not cause growth beyond current projections. Therefore, the proposed Project would not conflict with applicable plans, policies, or regulations adopted for the purpose of reducing the emissions of GHGs, and this impact would be less than significant.

The IS/MNDs concluded that the Project would comply with State and local GHG emissions and climate change regulations, policies, and strategies, and impacts would be less than significant. The proposed Project has been determined to have less-than-significant impacts; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

**IX. HAZARDS AND HAZARDOUS MATERIALS**

<b>Would the project:</b>	Subsequent/ Supplemental CEQA Document: New Significant Effects or Substantially More Severe Effects	Addendum: None of the Conditions in State CEQA Guidelines Section 15162 Would Occur
a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g. Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion:**

***Environmental Setting***

Hazardous materials are substances that have the capacity to cause harm or a health hazard during normal exposure or an accidental release, and are characterized as being toxic, corrosive, flammable, reactive, an irritant, or strong sensitizer. The term “hazardous substances” encompasses chemicals regulated by both the US Department of Transportation’s hazardous materials regulations and the USEPA’s hazardous waste regulations, including emergency response. Hazardous wastes require special handling and disposal because of their potential to damage public health and the environment. A designation of “acutely” or “extremely” hazardous refers to specific listed chemicals and quantities.

Activities and operations that use or manage hazardous or potentially hazardous substances could create a hazardous situation if release of these substances were to occur. The type of substance, quantity used or managed, and the nature of the activities and operations affect the probable frequency and severity of consequences from a hazardous situation. Federal, state, and local laws regulate the use and management of hazardous or potentially hazardous substances. This section considers the potential for human health hazards or exposure of people to existing sources of potential health hazards from the proposed Project.

Reconstruction of the bridges would occur along CA Highway 66/NTH where surrounding land uses include off-road vehicle use and possible unauthorized recreation. Construction and operation would require the use of heavy equipment machinery, which requires petroleum fuels

and lubricants to operate. The use of these potentially hazardous materials requires special handling and precautions during routine fueling operations and equipment maintenance.

### **Hazardous Materials Sites**

Searches of State environmental and health regulatory agency records were conducted on DTSC's Envirostor and SWRCB's GeoTracker databases to identify hazardous sites in or around the Project area. No known hazardous waste sites were identified near the Project sites (SWRCB, 2023; DTSC, 2023). The nearest sites are considered closed cases and include Cadiz Lake Sonic Targets #5 and #6 and the California Rock Salt Company, which are approximately 4, 11, and 6.5 miles from the Project site, respectively.

### **Wildfires and Fire Hazard Safety Zones**

Wildland fires represent a substantial threat in the state, particularly during the hot, dry summer months in wildland areas. Wildland fires may be started by natural processes, primarily lightning, or by human activities. California law requires the California Department of Forestry and Fire Protection (CAL FIRE) to identify areas (zones) based on the severity of fire hazard that is expected to prevail there. Consequently, CAL FIRE has established a fire hazard severity classification system to assess wildland fire potential. The fire hazard severity classification system identifies fire hazard severity zones (FHSZ), depicted on CAL FIRE maps, which consider potential fire intensity and speed, production and spread of embers, fuel loading, topography, and climate (e.g., temperature and the potential for strong winds) (CAL FIRE, 2023a).

The fire hazard classification system provides three classes of FHSZs: Moderate, High, and Very High. Wildland fire protection in California is the responsibility of either the State, local government, or the federal government. State Responsibility Areas (SRAs) includes those areas where the financial responsibility of preventing and suppressing fires falls primarily on the State; incorporated cities and federal ownership are not included. Local Responsibility Areas (LRAs) include incorporated cities, cultivated agriculture lands, and portions of the desert. LRA fire protection is typically provided by city fire departments, fire protection districts, counties, and by CAL FIRE under contract to local governments. Federal Responsibility Areas (FRAs) are those located on federal lands not otherwise included in SRAs and LRAs (CAL FIRE, 2023a). The proposed Project and surrounding areas are designated as Federal and Local (unincorporated) Responsibility Areas, and as such, the San Bernardino County Department District 5 would provide fire protection services for the Project.

### **Regulatory Setting**

#### **Federal**

At the federal level, the principal agency regulating the generation, transport and disposal of hazardous *materials* is the USEPA, under the authority of the Resource Conservation and Recovery Act. The USEPA regulates hazardous *waste sites* under the Comprehensive Environmental Response Compensation and Liability Act. Applicable federal regulations are contained primarily in Titles 29, 40, and 49 of the CFR.

#### **State**

The California Environmental Protection Agency (CalEPA) and the California Office of Emergency Services establish rules governing the use of hazardous materials. Chemical suppliers are responsible for complying with all applicable packaging, labeling and shipping regulations.

Within CalEPA, the Department of Toxic Substances Control (DTSC) has primary regulatory responsibility, with delegation of enforcement to local jurisdictions that enter into agreements with

the state agency, for the generation, transport and disposal of hazardous materials under the authority of the Hazardous Waste Control Law. In 1993, Senate Bill (SB) 10821 assigned to CalEPA the authority and responsibility to establish a unified hazardous waste and hazardous materials management regulatory program (known as the Unified Program) under Health and Safety Code Chapter 6.11. The purpose of the Unified Program is to consolidate, coordinate, and make consistent, both locally and statewide, six different hazardous materials and hazardous waste regulatory programs. State regulations applicable to hazardous materials are indexed in Title 26 of the CCR.

### **Local**

Local agencies (e.g. county health departments and fire departments) regulate hazards and hazardous materials exercising their police powers under existing State regulations for the monitoring and enforcement of those regulations. In San Bernardino County, Environmental Health Services is an enforcement agency responsible for water, sewage and solid waste among other areas.

- a. Construction would involve the use of heavy equipment, which utilizes fuels and lubricants that could potentially be harmful to people or the environment. However, the quantities involved would not create a significant hazard to the public or the environment, as construction activities would be temporary and relatively minor and use would occur in compliance with BMPs to avoid accidental leaks or spills. No hazardous materials would be routinely transported or disposed of during construction.

With compliance with all applicable federal, State, and local laws and regulations that pertain to the transport, storage, use, and disposal of hazardous materials and waste, impacts would be less than significant.

The IS/MNDs concluded that impacts associated with hazardous waste would be less than significant with mitigation incorporated. The proposed Project's impacts were determined to be less than significant; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- b. As discussed above, the proposed Project would require the use of heavy equipment, such that a potential exists for the release of fuels and/or lubricants during construction and/or operation. Operation would not include the routine transport, use, or disposal of hazardous materials. There is no reasonably foreseeable upset or accident condition involving the release of hazardous materials as a result of Project operation.

The IS/MNDs concluded impacts from the possible disposal of materials containing ADL, creosote treated wood, and lead-based paint would be less than significant with mitigation incorporated. However, these materials are no longer present on site after reconstruction of the Bridges. The proposed Project's impacts have been determined to be less than significant. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- c. No schools are located within one-quarter mile of the proposed Project. The Project would not emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste in proximity to any existing or proposed school. No impacts would occur.

The IS/MNDs concluded that no schools were identified within the vicinity of the Project or the Project area. As such, the proposed Project would not emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school, and no impact would occur. The proposed Project has been

determined to have no impact; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- d. The proposed Project is not a listed hazardous materials site pursuant to Government Code §65962.5, and none of the proposed improvements would cause the Project site to be listed as a hazardous materials site. No known hazardous waste sites were identified near the Project sites (SWRCB, 2023; DTSC, 2023). No impact would occur.

The IS/MNDs concluded from the ISA that the Project is not located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code §65962.5. As such, the proposed Project would not create a significant hazard to the public or the environment, and no impact would occur. The proposed Project has been determined to have no impact; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- e. One private airstrip, Cadiz Airstrip, is located over five miles south-southeast of the proposed Project. Therefore, the Project is not located within two miles of a public airport or public use airport. The proposed Project would reconstruct bridges that would not be tall enough to encroach into airspace. As such, the proposed Project would not impact public airports.

The IS/MNDs concluded that the proposed Project is not located within two miles of a public airport or public use airport and is not located within an airport land use plan. As such, the proposed Project would not result in a safety hazard for people residing or working in the Project area, and no impact would occur. The proposed Project has been determined to have no impact; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- f. The proposed Project includes the reconstruction of two bridges within an approximately five-month construction period. The proposed Project would not cause any changes that would impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan. Construction activities would require road closures that would block emergency access along CA Highway 66/NTH. As required by the adopted MM T-1 (see Section XVII), a traffic control plan would be prepared to reduce or avoid potential adverse impacts associated with emergency access to a less-than-significant level. Impacts would be less than significant with mitigation.

The IS/MNDs concluded that effects on emergency response from temporary roadway closures and blocked access could be significant but would be reduced to a less-than-significant level with implementation of mitigation. The proposed Project's impacts were determined to be less than significant with MM-1 incorporated; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- g. The proposed Project is not located within a moderate, high, or very high FHSZ and is over 50 miles away from areas classified as very high FHSZs (CAL FIRE, 2023b). The proposed Project includes reconstruction of two existing bridges. Construction and operation of the proposed Project would involve use of heavy equipment with engines and exhaust systems that could ignite dry vegetation, exposing people or structures to the risk of fire. Compliance with federal and State regulations, such as Caltrans' California Vehicle Code, which require spark arrester protection on vehicles, would reduce the potential to ignite a wildland fire.

Because the proposed Project is not located within a FHSZ or an area with a substantial amount of vegetation, is not within close proximity of structures or residences, and would comply with federal and State regulations, it would not introduce a substantial risk of wildfire. Therefore, the proposed Project would not expose people or structures to a significant risk of loss, injury, or death involving wildland fires. No impact would occur.

The IS/MNDs concluded that the proposed Project would not introduce adverse impacts associated with wildland fires, as the sites are not located on forest or wilderness land, and no development is located nearby, and no impact would occur. The proposed Project has been determined to have no impact; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

NOT FOR BIDDING

**X. HYDROLOGY AND WATER QUALITY**

**Would the project:**

	Subsequent/ Supplemental CEQA Document: New Significant Effects or Substantially More Severe Effects	Addendum: None of the Conditions in State CEQA Guidelines Section 15162 Would Occur
a. Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner that would:	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i) result in substantial erosion or siltation on- or offsite;	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion:**

***Environmental Setting***

**Climate and Hydrology.** The proposed Project is within the California Climate Zone 14 that is influenced by the continental mass, resulting in a medium to high desert climate (CEC, 2022; PG&E, n.d.). Average temperatures range from mid-40 to mid-80 degrees Fahrenheit (PG&E, n.d). The Project is located within the Colorado River Hydrologic Region (California Department of Water Resources, 2023). Average precipitation in this region is 4.15 inches (California Department of Water Resources, 2023).

The proposed Project is located within the Bristol Watershed area of San Bernardino County.

**Floodplains.** According to the FEMA flood insurance map, the Project site is within an “Area of Minimal Flood Hazard” and is not within a FEMA-designated floodplain (FEMA, 2021).

**Water Quality.** The Project area is within the jurisdiction of the Colorado River Basin RWQCB. The Colorado River Basin RWQCB, under the authority of the State Water Resources Control Board (SWRCB), assesses surface water quality and, under Section 303(d) of the Clean Water Act (CWA), prepares a list of waters (the 303(d) list of water quality limited segments) considered to be impaired. Impairment may result from both point-source and non-point source pollutants. See the regulatory setting below for additional information on the CWA.

Bristol Dry Lake, into which the Project site drains, has not been identified by the Colorado River Basin RWQCB as impaired by varying pollutants, which adversely affect the beneficial uses of those waters (California Water Board, 2018).

**Groundwater.** The Project site is underlain by the Bristol Valley Groundwater Basin (California Department of Water Resources, 2019).

### ***Regulatory Setting***

**Federal Clean Water Act (CWA).** Section 303 of the CWA requires states to adopt water quality standards for all surface water of the United States. In 1972, the CWA was amended to provide that the discharge of pollutants to waters of the U.S. from any point source is unlawful unless the discharge is in compliance with a National Pollutant Discharge Elimination System (NPDES) permit. The 1987 amendments to the CWA added Section 402(p), which establishes a framework for regulating municipal and industrial stormwater discharges, including discharges associated with construction activities, under the NPDES program. The SWRCB and the RWQCBs are responsible for ensuring implementation and compliance with the provisions of the federal CWA.

Discharges from point sources are covered under the Industrial General Permit administered by the RWQCB. Discharges from construction activity are covered under the California General Permit for Discharges of Storm Water Associated with Construction Activity (Construction General Permit). Both are described further below under State Regulations.

Section 401 of the CWA requires that any activity that may result in a discharge into waters of the United States be certified by the RWQCB. This certification ensures that the proposed activity does not violate State and/or federal water quality standards.

Section 404 of the CWA authorizes the U.S. Army Corps of Engineers to regulate the discharge of dredged or fill material to the waters of the United States and adjacent wetlands. Discharges to waters of the United States must be avoided where possible, and minimized and mitigated where avoidance is not possible. Permits are issued by the U.S. Army Corps of Engineers.

Section 303(d) of the CWA requires states to assess surface water quality and prepare a list of waters (the 303(d) list of water quality limited segments) considered to be impaired by not meeting water quality standards and not supporting their beneficial uses. Impairment may result from point-source pollutants or non-point source pollutants. The SWRCB, through its nine regional boards, assesses water quality and establishes Total Maximum Daily Load programs for streams, lakes, and coastal waters that do not meet water quality standards.

**Federal Emergency Management Agency.** FEMA administers the National Flood Insurance Program, which subsidizes flood insurance to communities that limit development in floodplains. As part of this program, FEMA maps all United States areas that fall within a 100-year floodplain (i.e., areas with a greater than 1 percent annual probability of flooding).

**Porter-Cologne Water Quality Control Act.** The SWRCB and the nine RWQCBs have State authority to regulate water quality under the Porter-Cologne Water Quality Control Act (Porter-Cologne) and CCR Title 27 Sections 22560 through 22565. The SWRCB and the RWQCBs have the authority under this act to regulate waste discharge to surface waters or land. In addition, the Porter-Cologne Act establishes a regulatory program to protect water quality and to protect beneficial uses of state waters.

**San Bernardino Countywide Policy Plan.** Applicable goals and policies for local water resources include (County of San Bernardino, 2020):

- **Policy IU-1.2: Recycled water.** We promote the use of recycled water for landscaping, groundwater recharge, direct potable reuse, and other applicable uses in order to supplement groundwater supplies.
  - **Policy IU-1.4: Greywater.** We support the use of greywater systems for non-potable purposes.
  - **Policy IU-1.8: Groundwater management coordination.** We collaborate with watermasters, groundwater sustainability agencies, water purveyors, and other government agencies to ensure groundwater basins are being sustainably managed. We discourage new development when it would create or aggravate groundwater overdraft conditions, land subsidence, or other “undesirable results” as defined in the California Water Code. We require safe yields for groundwater sources covered by the Desert Groundwater Management Ordinance.
- a. Potential water pollutants could be generated including soil sediment and petroleum-based fuels or lubricants associated with equipment used during Project construction. Project construction would result in temporary excavation for installation of Project components. If not properly addressed, stormwater pollution and erosion may occur, which could affect surface water quality. Impacts to water quality during construction would be minimized through implementation of standard construction best management practices (BMPs) and compliance with required permits and approvals identified in Section 2.5.

Potential water pollutants could be generated during construction by potential spills of oil, grease, or other hazardous materials associated with the use of vehicles, equipment, and potentially hazardous materials, as well as increased erosion and sedimentation associated with soil disturbance. Any spill would be immediately addressed in accordance with standard construction BMPs. In addition, compliance with existing laws and regulations, including the federal CWA, would include the use of erosion control measures such as, but not limited to, straw wattles as necessary, thereby minimizing or avoiding the potential for disturbed soils to migrate and result in increased turbidity in surface waters. Potential water quality impacts would likely only pose an immediate issue if a precipitation event were to occur during soil-disturbing activities; it is not anticipated that soil-disturbing activities would be carried out during precipitation events, in accordance with standard construction BMPs.

Operation and maintenance of the proposed Project would remain the same and would not introduce the potential to alter compliance with water quality permits and waste discharge requirements. It is expected that the proposed Project would be in compliance with all applicable permits and regulations. Also as described above, there is potential for Project-related construction activities to result in adverse water quality effects, but such potential occurrences would be immediately addressed, in compliance with construction BMPs as well as water quality permits and regulations. Impacts would be less than significant.

The IS/MNDs concluded that impacts related to the violation of water quality standards or waste discharge requirements would be less than significant. The proposed Project would have a less-than-significant impact associated with water quality standards and discharge requirements. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- b. The proposed Project would not involve any withdrawals from an aquifer or groundwater table and would not deplete groundwater supplies or interfere substantially with groundwater

recharge. Any water needed for implementation of the proposed Project, such as dust suppression during construction, would be obtained from a local water purveyor. No impact to groundwater resources would occur.

The IS/MNDs concluded that any water needed for the proposed Project would be sourced from a local water purveyor. As such, the proposed Project would not create a significant hazard to the public or the environment, and no impact would occur. The proposed Project has been determined to have no impact; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs

- c. (i) The proposed Project would involve construction activities within drainage channels. The proposed Project would install rock slope protection along the channels and new abutments and piers into the ground to support the new Bridges. Grading along the Bridge approaches and around the Bridges may be needed to ensure proper stormwater conveyance and drainage. Ground disturbance during these activities could result in erosion. The proposed Project would implement standard construction BMPs and use of erosion control measures such as straw wattles as necessary to address potential water quality impacts. Construction activities would be temporary and limited to the five-month construction period. Once construction is complete, erosion or siltation would not occur. Impacts would be less than significant.

(ii) The Bridges and CA Highway are made of impervious asphalt and concrete. The proposed Project would not introduce a substantial increase in surface runoff, as it would replace the Bridges and would not construct new impervious areas that could increase the rate or amount of surface runoff. As such no flooding on-or offsite or related impacts would occur.

(iii) As discussed above, the proposed Project would not introduce substantial new areas of impervious surfaces such that the rate or amount of surface runoff would be affected. As such, the capacity of stormwater drainage systems would not be exceeded, and no impacts would occur.

The IS/MNDs concluded that erosion impacts resulting from the alteration of existing drainage patterns from the Project would be less than significant, and no impacts would occur relating to an increase in the rate or amount of surface runoff or exceedance of the capacity of stormwater drainage systems. The proposed Project would result in less-than-significant impacts on drainage patterns in regard to erosion or siltation and no impact in regard to an increase in the rate or amount of surface runoff or exceedance of the capacity of stormwater drainage systems. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- d. The proposed Project is located on flat land approximately 140 miles inland from the Pacific Ocean. There are no nearby lakes. As such, the Project would result in no impact regarding a tsunami or seiche zone. The Project is also within an Area of Minimal Flood Hazard and would not be susceptible to flood hazards (FEMA, 2021). Therefore, the Project would result in no impact.

The IS/MNDs concluded that there would be no risk of inundation by seiche, tsunami, or mudflow. The proposed Project would have no impact associated with seiche, tsunami, or flood zone. Therefore, the proposed Project would not create a new significant impact not

discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- e. The proposed Project would comply with all require permits and approvals listed in Section 2.5 (Anticipated Permits and Other Approvals), including waste discharge requirements of the Colorado River Basin RWQCB. Correspondence with CDFW would also be required under the Streambed Alteration Agreement. The Project area is within the Bristol Watershed, which is a closed drainage system with no surface outflow, and all surface water drains to Bristol Dry Lake. In 2023, the U.S. Army Corps of Engineers determined that Bristol Dry Lake is not jurisdictional under Section 404 of the CWA. Therefore, no drainages in the Project areas have been identified as federally jurisdictional, and a CWA Section 404 permit would not be required.

Construction of the Project would result in potential accidental leaks of oil, grease or other hazardous materials associated with the use of vehicles and construction equipment. Any spill of such material would be immediately addressed in accordance with standard construction BMPs. In addition, compliance with existing laws and regulations, including the federal CWA, would include the use of erosion control measures as necessary to minimize or avoid the potential for degrading surface or groundwater quality and comply with water quality regulations. The Project would not require any groundwater withdrawal. Therefore, impacts would be less than significant.

**XI. LAND USE PLANNING**

**Would the project:**

	Subsequent/ Supplemental CEQA Document: New Significant Effects or Substantially More Severe Effects	Addendum: None of the Conditions in State CEQA Guidelines Section 15162 Would Occur
a. Physically divide an established community?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion:**

***Environmental Setting***

The proposed Project would be located in between the towns of Chambless and Amboy, which are unincorporated communities within San Bernardino County. The Project site would be subject to the policies and ordinances of the 2020 San Bernardino County Countywide Policy Plan and the County’s Zoning Ordinance (Title 8: Development Code). Two adopted habitat conservation plans are applicable to the Project site, the West Mojave (WEMO) Plan and the Desert Renewable Energy Conservation Plan (DRECP).

- a. A community may be divided if a project were to introduce a physical barrier through that community. The proposed Project would reconstruct two bridges along CA Highway 66/NTH. Although the proposed Project would require traffic detours and lane closures during the five-month construction period, none of the proposed Project components would create a permanent barrier that could divide a residential community or commercial area, as there is no development in the vicinity of the bridges. The closest communities are Chambless, which is approximately 3.2 miles east of Dola Ditch Bridge and 2.5 miles east of Lanzit Ditch Bridge, and Amboy, which is approximately 7.7 miles west of Dola Ditch Bridge and 8.4 miles west of Lanzit Ditch Bridge. Therefore, the proposed Project would not physically divide an established community, and no impact would occur.

The IS/MNDs concluded that the Project would not be in the immediate vicinity of an established community. As such, the proposed Project would not physically divide an established community, and no impact would occur. The proposed Project has been determined to have no impact; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- b. As described above, the proposed Project would be subject to the policies and ordinances of the 2020 San Bernardino County Countywide Policy Plan and the County’s Development Code. According to the Countywide Policy Plan’s Land Use Map Plan and the Public San Bernardino County Map Viewer, the Project components would be located within an area designated as OS (Open Space) and zoned as RC (Resource Conservation) (County of San Bernardino, 2020; 2023). The County has designed the proposed Project to comply with local zoning codes. Therefore, the proposed Project would not conflict with applicable land use plans, policies, or regulations, and no impact would occur.

The IS/MNDs concluded that the Project would not conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect. The proposed Project has been determined to have no impact; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

**XII. MINERAL RESOURCES**

**Would the project:**

	Subsequent/ Supplemental CEQA Document: New Significant Effects or Substantially More Severe Effects	Addendum: None of the Conditions in State CEQA Guidelines Section 15162 Would Occur
a. Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the State?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion:**

***Environmental Setting***

Mineral resources may include metals such as gold, silver, iron, and copper, as well as construction aggregate.

Mineral resource areas are classified by the State of California as Mineral Resource Zones (MRZ). Four zones have been identified depending on whether mineral resources, primarily sand and gravel, are known to be present, or absent, or for which additional information is necessary. The DOC and County of San Bernardino indicate that the Project sites are not within an MRZ (DOC, 2022b; San Bernardino County, 2020). The nearest MRZ is approximately 12 miles north of the Project site (County of San Bernardino, 2020).

***Regulatory Setting***

**California Surface Mining and Reclamation Act (SMARA) of 1975 (Public Resources Code, Sections 2710-2796).** SMARA provides a comprehensive surface mining and reclamation policy with the regulation of surface mining operations to assure that adverse environmental impacts are minimized and mined lands are reclaimed to a usable condition. SMARA also encourages the production, conservation, and protection of the State’s mineral resources.

**San Bernardino County Countywide Plan.** The San Bernardino County General Plan (San Bernardino County, 2020) has multiple goals relevant to mineral resources and this project:

- **Policy NR 6.1:** We prioritize the conservation of land area with mineral resources by prohibiting or discouraging development of land that would substantially preclude the future development of mining facilities in areas classified as Mineral Resource Zone (MRZ) 2a, 2b, or 3a.
- **Policy NR 6.2:** We require and monitor mineral extraction activities to ensure that the operation and reclamation of mined lands is consistent with the State Surface Mining and Reclamation Act of 1975 (SMARA).
- **Policy NR 6.3:** We encourage the continued operation of existing mining facilities and streamline the permitting of new mining facilities (consistent with the Policy Plan and other local, state, and federal regulations) to establish aggregate resources that are sufficient to satisfy 50 years of county demand.

- a. According to the DOC and the County of San Bernardino, the proposed Project is not located within a mapped MRZ. As there are no known mineral resources located within the proposed Project footprints, the construction and operation of the proposed Project would not result in the loss of availability of mineral resources. No impact would occur.

The IS/MNDs concluded that no mineral resources sites are within the Project vicinity, and the Project would have no impact on active mining operations. The proposed Project sites have not changed, and no new MRZs have been established within the sites; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- b.** Approximately ten known or highly likely MRZs were identified within the County (County of San Bernardino, 2020). The proposed Project is not located in any of these MRZs or areas designated for oil and gas resources (County of San Bernardino, 2020; DOC, 2022). There are no other mapped or known mineral resources located within the proposed Project footprint. The proposed Project would not alter the availability of any mineral resource, including oil resources, that may be beneath the surface and as such would result in no impact.

The IS/MNDs concluded that no mineral resources sites are within the Project vicinity, and the Project would have no impact on mining operations. The proposed Project sites are not located within an MRZ or areas designated for oil and gas resources; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

**XIII. NOISE**

**Would the project:**

	Subsequent/ Supplemental CEQA Document: New Significant Effects or Substantially More Severe Effects	Addendum: None of the Conditions in State CEQA Guidelines Section 15162 Would Occur
a. Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. For a project located within the vicinity of an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion:**

**General Information on Noise**

The following is a brief background on the fundamentals of environmental acoustics. Although extremely loud noises can cause temporary or permanent damage, the primary environmental impact of noise is annoyance. The objectionable characteristic of noise often refers to its loudness. Loudness represents the intensity of the sound wave, or the amplitude of the sound wave height measured in decibels (dB). Decibels are calculated on a logarithmic scale; thus, a 10-dB increase represents a 10-fold increase in acoustic energy or intensity, while a 20 dB increase represents a 100-fold increase in intensity. Decibels are the preferred measurement of environmental sound because of the direct relationship between a sound’s intensity and the subjective “noisiness” of it. The A-weighted decibel system (dBA) is a convenient sound measurement technique that weights selected frequencies based on how well humans can perceive them.

**Noise Effects on Humans.** The range of human hearing spans from the minimal threshold of hearing (approximately 3 dBA) to that level of noise that is past the threshold of pain (approximately 120 dBA). Generally, a change in sound level of 3 dB is just barely noticeable, while a change of 5 dB is clearly noticeable. A change of 10 dB is perceived as a doubling (or halving) of sound level. Noise levels are generally considered low when they are below 45 dBA, moderate in the 45 to 60 dBA range, and high above 60 dBA. Noise levels greater than 85 dBA can cause temporary or permanent hearing loss if exposure is sustained.

Ambient environmental noise levels can be characterized by several different descriptors. Energy Equivalent or Energy Average Level (Leq) describes the average or mean noise level over a specified period of time. Leq provides a useful measure of the impact of fluctuating noise levels on sensitive receptors over a period of time. Other descriptors of noise incorporate a weighting system that accounts for humans’ susceptibility to noise irritations at night. Community Noise Equivalent Level (CNEL) is a measure of cumulative noise exposure over a 24-hour period, where a 5 dB penalty is added to evening hours (7:00 p.m. to 10:00 p.m.) and a 10 dB penalty is added to night hours (10:00 p.m. to 7:00 a.m.). Day/Night Average Noise Level (Ldn) is essentially the same as CNEL, with the exception that the evening penalty is dropped.

**Noise Propagation.** In air, sound from a point source radiates according to inverse square laws either spherically or hemispherically from the source, depending upon whether the noise source

is near a reflecting surface such as the ground. Consequently, sound will decrease at a rate of 6 dB per doubling of distance from a point source. Additional decreases will occur due to sound absorption in the air, interaction with the ground, and shielding by intervening obstacles such as terrain (hills), wall, or buildings. A noise source which is relatively long, such as a constant stream of traffic, is called a line source, and the sound spreads cylindrically, at a rate of 3 dB per doubling of distance.

### ***General Information on Vibration***

Vibration from objects in contact with the ground will propagate energy through the ground and can be perceptible by humans and animals in the form of perceptible movement or in the form of rumbling sound caused by the vibration of room surfaces. The latter is described as ground-borne noise. High levels of vibration can result in architectural damage and structural damage depending upon the amplitude of the vibration and the fragileness of the building or structure.

Vibration is an oscillatory motion through a solid medium, in which the motion's amplitude can be described in terms of displacement, velocity, or acceleration. When assessing damage potential, vibration is often measured and reported in terms of peak particle velocity (PPV). For evaluating human response, the accepted manner to measure and report vibration is in terms of the root mean square amplitude. Like noise, vibration is normally expressed in terms of decibels (VdB) with a reference velocity of  $1 \times 10^{-6}$  inches per second (in/sec).

### ***Environmental Setting - Noise Environment of the Proposed Project Area***

The Project is within a rural desert setting along CA Highway 66/NTH with no development nearby. The nearest communities are the abandoned ghost towns Amboy and Chambless. Amboy is approximately 7.7 miles west of Dola Ditch Bridge and 8.4 miles west of Lanzit Ditch Bridge, and Chambless is approximately 3.2 miles east of Dola Ditch Bridge and 2.5 miles east of Lanzit Ditch Bridge. The dominant noise source is traffic along CA Highway 66/NTH. The nearest potential sensitive receptors to Dola Ditch Bridge and Lanzit Ditch Bridge are scattered properties that appear to be residences. Satellite imagery shows the nearest potential residence is located approximately 1.1 mile east of Dola Ditch Bridge and 0.75 mile east of Lanzit Ditch Bridge. However, this residence has not been confirmed to be an inhabited structure and is not surrounded by other structures that appear to be residential.

### ***Regulatory Setting***

The San Bernardino County Countywide Plan Hazards Element contains policies controlling noise to protect human health.

- **Policy HZ-2.8: Proximity to noise generating uses.** We limit or restrict noise sensitive land uses in proximity to existing conforming noise generating uses and planned industrial areas.
- **Policy HZ-2.9: Control sound at the source.** We prioritize noise mitigation measures that control sound at the source before buffers, soundwalls, and other perimeter measures.

Limitation on noise from construction and operation are dictated in the San Bernardino County Code of Ordinances, Title 9 – Development Code, Division 3 – Countywide Development Standards, Chapter 83.01 – General Performance Standards, Section 83.01.080 – Noise (County of San Bernardino, 2014). Per Section 83.01.080(g), temporary construction, maintenance, repair, and demolition activities are exempt between 7:00 a.m. and 7:00 p.m., except Sundays and federal holidays (County of San Bernardino, 2014).

- a. Construction of the proposed Project would occur Monday through Friday and include two shifts, or 16 hours a day, with some nighttime construction over the approximately 115-day construction period. As described in the environmental setting, the nearest potential sensitive receptors are more than 0.5 mile east of the Project sites. Although construction would occur up to 16 hours per day outside of the exempt hours of 7:00 a.m. and 7:00 p.m. per Section 83.01.080 of the County Development Code, temporary construction noise would attenuate below ambient levels and be undetectable by the nearest residential receptors. Once constructed, maintenance of the Bridges is likely to be less frequent than under existing conditions, as the reinforced concrete design would be more durable than the former timber trestle design. Therefore, the proposed Project would not generate any new operational noise and would be compliant with all operational noise performance standards and policies in the San Bernardino County General Plan Noise Element and County Development Code Section 83.01.080. Therefore, construction noise would result in a less-than-significant impact, and operational noise would result in no impact.

The IS/MNDs concluded that noise effects from construction would occur outside of the exempt hours identified in County Development Code Section 83.01.080, but temporary construction noise would be below County noise standards. There would be no operational noise impacts. The proposed Project's construction noise was determined to be less than significant, and operational noise was determined to have no impact. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- b. Heavy equipment would be used during construction of the proposed Project. This has the potential to generate groundborne vibration. Additionally, heavy truck haul trips may produce short-term groundborne vibration. As discussed in Section XIII(a) above, the nearest potential sensitive receptors are located more than 0.5 mile east of the Project sites. The nearest towns to the Project sites are Chambless, which is approximately 3.2 miles east of Dola Ditch Bridge and 2.5 miles east of Lanzit Ditch Bridge; and Amboy, which is approximately 7.7 miles west of Dola Ditch Bridge and 8.4 miles west of Lanzit Ditch Bridge. Because no receptors are located within 500 feet of the Project site, construction vibration would have no impact. Heavy truck haul trips would only utilize roads without weight or use restrictions. Therefore, any structures located near these roads are already subject to vibration from existing heavy truck transit. Once constructed, maintenance of the Bridges is likely to be less frequent than under existing conditions, as the reinforced concrete design would be more durable than the former timber trestle design. No receptors are located near the Bridges that could be subject to vibration from maintenance activities. Therefore, construction vibration would result in a less-than-significant impact, and operational vibration would result in no impact.

The IS/MNDs concluded that vibration from construction would result in a less-than-significant impact, and vibration from operation would result in no impact. The proposed Project's construction vibration would result in a less-than-significant impact, and operational vibration would result in no impact; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- c. One private airstrip, Cadiz Airstrip, is located over five miles south-southeast of the proposed Project. The Project site is not located within an airport land use plan or within two miles of a public airport or public use airport. Therefore, the Project would not expose the construction workers to excessive noise levels associated with airport operations, and no impact would occur.

The IS/MNDs concluded that there are no airport facilities near the Project site, and no impact would occur. The proposed Project would have no impact; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

NOT FOR BID

**XIV. POPULATION AND HOUSING**

**Would the project:**

Subsequent/ Supplemental CEQA Document: New Significant Effects or Substantially More Severe Effects	Addendum: None of the Conditions in State CEQA Guidelines Section 15162 Would Occur
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- |   |                          |                                     |
|---|--------------------------|-------------------------------------|
| a. Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b. Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**Discussion:**

***Environmental Setting***

The population and housing study area for the proposed Project includes the communities of Amboy and Chambless in San Bernardino County. Table 3-5 provides US Census Bureau data for population, housing, and employment for these geographic areas.

Location	Population	Housing Units	Employment Rate <sup>1</sup>
Amboy and Chambless	17	23	100%
San Bernardino County	2,181,654	731,899	55.4%

Source: U.S. Census Bureau, 2020; United States Zip Codes, 2023  
1 – Civilians employed, 16 years of age or over, 2015-2019.

The proposed Project includes the reconstruction of two bridges to enhance safety and provide transportation infrastructure consistent with applicable standards and plans. It would not construct additional housing units, nor would it remove any existing housing units from the available supply.

- a.** Construction activities would be considered short-term and temporary, lasting approximately five months. Given the population size of San Bernardino County, it is likely that there is a considerable construction workforce. The proposed Project would require approximately 60 personnel at peak construction periods. It is assumed that these construction personnel would come from within San Bernardino County or adjacent areas and would not generate a permanent increase in population levels or decrease available housing. No impacts to existing or future population growth levels would occur from construction of the proposed Project.

The proposed Project would not include the construction of new homes or businesses that would introduce a new population to the area. The proposed Project would also not indirectly introduce new housing or population to the area with the construction of the proposed Project.

Operation of the proposed Project would not require new employees. Approximately six existing County personnel would conduct regular maintenance activities. Because no new homes or businesses would be constructed, and the proposed Project would not require additional workers to relocate from outside the area, the proposed Project would generate no direct increase in the permanent population of the area.

The IS/MNDs concluded that construction and operation of the Project would not increase existing population levels or cause a decrease in available housing, and therefore, would result in no impacts regarding inducing substantial population growth in an area. The proposed Project was found to have no impact on housing or population growth in the area. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- b.** The proposed Project would not remove existing housing units from the available supply in the region. As no housing is being removed, displacement would not occur, and the construction of replacement housing would not be required. As such, there would be no impact.

The IS/MNDs concluded that the proposed Project does not contain any habitable structures, and it would not result in the displacement of housing or require the construction of replacement housing. The proposed Project would not remove housing or require construction of replacement housing; therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

NOT FOR

**XV. PUBLIC SERVICES**

Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services:

	Subsequent/ Supplemental CEQA Document: New Significant Effects or Substantially More Severe Effects	Addendum: None of the Conditions in State CEQA Guidelines Section 15162 Would Occur
a) Fire protection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Police protection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Schools?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Parks?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Other public facilities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion:**

***Environmental Setting***

Fire protection in the region is provided by the San Bernardino County Fire Department. The nearest fire station to the Project site is Twentynine Palms Station 44 (6560 Adobe Road, Twentynine Palms), which is approximately 40 miles southwest of the proposed Project sites (San Bernardino County Fire Protection District, 2023).

The San Bernardino County Sheriff’s Department provides law enforcement services to the County’s 2.1 million residents (San Bernardino County Sheriff’s Department, 2023a). The Project area is served by the Morongo Basin Station (63665 Twentynine Palms Highway, Joshua Tree), approximately 48 miles southwest of the Project (San Bernardino County Sheriff’s Department, 2023b).

No schools, parks, or libraries are located in close proximity to the Project site.

- a. The proposed Project is designed to enhance safety on CA Highway 66/NTH and provide transportation infrastructure consistent with applicable standards and plans by replacing structurally deficient vehicular crossings and allowing proper conveyance of stormwater beneath the bridges. Construction and operation of the proposed Project would not affect the area’s population, and as such, the Project would not create a need for new or altered fire protection facilities. However, road closures along CA Highway 66/NTH could adversely affect emergency service and response times during construction. Motorists traveling from west to east would use Highway 40 instead of CA Highway 66/NTH, and motorists traveling from east to west would use Kelbaker Road towards Highway 40. Travelers from Amboy, heading west would continue to use CA Highway 66/NTH west, and travelers from Amboy heading east would take CA Highway 66/NTH west to Highway 40 east. Therefore, the response times from fire protection could be delayed.

Potential impacts to fire protection would not be severe as the Project area is not designated as a Very High, High, or Moderate FHSZ in a State or Local Responsibility Area (CAL FIRE, 2023b). Additionally, construction activities, as described in Section 2.4.1, are not expected to result in increased risk of wildfire as the area is entirely natural desert landscape with sparse vegetation. Watering activities associated with dust suppression would reduce the potential for any fire accident to occur. Therefore, the proposed Project would have a less-than-significant impact on fire protection services and would not require the need for an increase in services to the Project area.

The IS/MNDs concluded that construction and operation of the Project would not result in the need for increased fire service levels or require new or expanded fire emergency facilities, and therefore, would result in less-than-significant impacts. The proposed Project was found to have a less-than-significant impact relating to fire protection. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- b.** As discussed under Section XIV(a), construction and operation of the proposed Project would not affect the area's population, and as such, the proposed Project would not create a need for new or altered police or sheriff facilities. The proposed Project would reconstruct the Bridges that may result in temporary increases in traffic volumes along I-40 that could temporarily increase demand for law enforcement services. However, the impact would be less than significant, as construction activities would be temporary, lasting approximately 115 days. Upon completion of construction, traffic conditions would be restored, and the demand for traffic and law enforcement services would remain the same as existing conditions. Therefore, the proposed Project would have a less-than-significant impact on police or sheriff protection services during construction and no impact during operations.

The IS/MNDs concluded that the need for police protection is not anticipated to substantially increase from existing conditions, and impacts would be less than significant in regard to disrupting existing police service levels and the need for new or expanded police facilities. The proposed Project was found to have a less-than-significant impact relating to police protection during construction and no impact during operations. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- c.** As discussed under Section XIV(a), construction and operation of the proposed Project would not affect the area's population, and as such, the proposed Project would not create a need for new or altered school facilities. Furthermore, there are no nearby schools in the vicinity of the Project sites. The nearest school is Boston School, a private school located approximately 50 miles southwest in Joshua Tree, California. The Project would result in no impact regarding the need for new or physically altered school facilities.

The IS/MNDs concluded that the Project would not induce a population increase that could adversely affect school service levels or require new or expanded school facilities, and no impact would occur. The proposed Project was found to have no impact on school facilities. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- d.** As discussed under Section XIV(a), construction and operation of the proposed Project would not affect the area's population, and as such, the proposed Project would not create a need for new or altered park facilities. Additionally, no park facilities are located within close proximity to the proposed Project. As such, construction would not preclude access to any park facilities or require the provision of new or physically altered parks elsewhere. Therefore, the proposed Project would have no impact on parks regarding the need for new or physically altered park facilities.

The IS/MNDs concluded that the proposed Project would not induce population growth, and thus, would not increase demand for new park facilities. The proposed Project was found to have a no impact regarding the need for new or physically altered parks. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- e. As discussed under Section XIV(a), construction and operation of the proposed Project would not affect the area's population, and thus would not increase the demand for public libraries, hospitals, or other public facilities. The proposed Project would not impact other existing public facilities, nor require the construction of new public facilities.

The IS/MNDs concluded that the proposed Project would not induce population growth, and thus, would not increase demand for public facilities. The proposed Project would not increase the demand for public libraries, hospitals, or other public facilities, and no impact would occur. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

NOT FOR BIDDING

**XVI. RECREATION**

**Would the project:**

	Subsequent/ Supplemental CEQA Document: New Significant Effects or Substantially More Severe Effects	Addendum: None of the Conditions in State CEQA Guidelines Section 15162 Would Occur
a. Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion:**

***Environmental Setting***

As described in Section XV(d), there are no neighborhood parks or recreational facilities located within close proximity to the Project site. The proposed Project would be located along CA Highway 66/NTH and east of Kelbaker Road.

- a. The proposed Project would reconstruct the Dola and Lanzit Ditch Bridges. Construction and operation would not directly or indirectly cause population growth such that the demand of existing parks would increase. As such, substantial physical deterioration of park facilities would not occur or be accelerated, and no impact would occur.

The IS/MNDs concluded that the proposed Project would not induce population growth, and therefore, would result in no impacts to recreational facilities. The proposed Project was found to have no impacts relating to physical deterioration of recreational facilities. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- b. The proposed Project involves reconstruction of the Bridges and would not include recreational facilities or require the construction of new or expansion of existing recreational facilities. No adverse physical effects on the environment due to the construction or expansion of recreational resources would occur; therefore, the proposed Project would result in no impact.

The IS/MNDs concluded that the proposed Project would not result in adverse physical impacts on the environment due to construction or expansion of recreational facilities. The proposed Project was found to have no impacts as well. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

**XVII. TRANSPORTATION**

**Would the project:**

	Subsequent/ Supplemental CEQA Document: New Significant Effects or Substantially More Severe Effects	Addendum: None of the Conditions in State CEQA Guidelines Section 15162 Would Occur
a. Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Result in inadequate emergency access?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion:**

**Environmental Setting**

The proposed Project would be located along CA Highway 66/NTH, as shown in Figures 1 and 2. Local access to the Project site and staging areas would be provided via CA Highway 66/NTH. Regional access to the Project sites would be provided by Kelbaker Road and I-40. Kelbaker Road provides access between I-40 and CA Highway 66/NTH. Temporary construction activities would directly affect the following street segments:

- CA Highway 66/NTH: 2-lane State highway providing direct east-west access to the Project sites.
- I-40: 2-lane highway providing regional east-west regional access to the proposed Project.
- Kelbaker Road: 2-lane local north-south roadway providing local access to the proposed Project.

The County’s Countywide Plan Transportation Existing Conditions Report identifies daily volume thresholds for the Level of Service (LOS) on regional roads. The thresholds are presented in Table 3-6.

Number of Lanes	Valley <sup>1</sup>	Mountain <sup>2</sup>	Desert <sup>3</sup>
2	14,600	13,600	7,000
4	31,100	29,300	16,400
6	46,800	44,100	25,700

Source: County of San Bernardino, 2017

1. LOS D Threshold
2. LOS D Threshold
3. LOS C Threshold

**Regulatory Setting**

The County of San Bernardino’s Transportation and Mobility Element of its Countywide Plan contains policies to guide the County’s mobility development and coordinate the transportation and mobility system with future land use patterns and projected growth (County of San Bernardino, 2020b).

- **Policy TM-1.1: Roadway level of service (LOS).** We require our roadways to be built to achieve the following minimum level of service standards during peak commute periods (typically 7:00-9:00 a.m. and 4:00-6:00 p.m. on a weekday):
  - LOS D in the Valley Region
  - LOS D in the Mountain Region
  - LOS C in the North and East Desert Regions
- **Policy TM-1.8: Emergency Access.** When considering new roadway improvement proposals for the Capital Improvement Plan or Regional Transportation Plan, we consider the provision of adequate emergency access routes along with capacity expansion in unincorporated areas. Among access route improvements, we prioritize those that contribute some funding through a local area funding and financing mechanism.
- **Policy TM-3.1: VMT Reduction.** We promote new development that will reduce household and employment VMT relative to existing conditions.
- **Policy TM-3.2: Trip reduction strategies.** We support the implementation of transportation demand management techniques, mixed use strategies, and the placement of development in proximity to job and activity centers to reduce the number and length of vehicular trips.

### ***Project Trips***

For the purposes of this discussion, a trip is a one-way trip to or from the Project sites and/or staging area. During the 5-month construction period, a maximum of 60 workers would travel to and from the Project sites each day. Trips would also be generated during construction for delivery/removal of equipment and materials. To evaluate a worst-case scenario for this assessment, a maximum number of 65 daily round trips may occur during peak construction (40 passenger vehicles, and 25 delivery trucks). These maximum daily trip assumptions are consistent with air quality emission estimates generated for the proposed Project (see Appendix A).

O&M activities would require a limited number of personnel and trips per year and are anticipated to decrease from what is required under existing conditions. O&M trips would utilize the same local roadways as construction trips.

- a. Temporary construction worker commute trips are assumed to come from the local area or from the greater San Bernardino County area. Based on the worst-case number of trips generated by construction and O&M activities provided above, the proposed Project would cause minor temporary increases to daily traffic volumes along CA Highway 66/NTH, Kelbaker Road, and I-40. Construction would only last approximately five months, with maximum construction traffic only occurring intermittently during this period. Temporary construction and O&M-related trips are not considered to significantly decrease capacity levels over existing conditions on any utilized roadways. However, due to the highly remote nature of the Project site, traffic impacts would not be substantial. Furthermore, construction and operation trips would not contribute substantially or exceed the roadway daily volume thresholds identified in Table 3-6.

To minimize or avoid impacts to the circulation system, including bicycle, public transit, and pedestrian movements, the San Bernardino County Department of Public Works would prepare a Construction Traffic Control Plan, as required by MM T-1.

**T-1:** Prior to the commencement of construction, the San Bernardino County Department of Public Works shall prepare and submit a Construction Traffic Control Plan to the California Department of Transportation for review. The Construction Traffic Control Plan must be prepared in accordance with both the Caltrans Manual on Uniform Traffic Control Devices and Work Area Traffic Control Handbook (WATCH) Manual and shall include detailed information on the following:

1. Plans and placement of temporary signing, lighting, and traffic control devices as required; including, but not limited to: appropriate signage along access routes to indicate detour routes, the presence of heavy vehicles and construction traffic, awareness of routes and duration of detour, and access for emergency vehicles to and through the immediate project area;
2. Use of directing construction traffic with a flag person;
3. Timing and schedule of heavy equipment and building materials deliveries;
4. Determination of the need for construction work hours and arrival/departure times outside peak traffic periods;
5. Identification of vehicle safety procedures at detour intersections;
6. The need for providing advance notification to affected property owners, emergency services, businesses, residents, etc. of detours;
7. Identification of vehicle safety procedures in the event of roadway flooding; and
8. Provisions for the establishment of a traffic control coordinator. The traffic control coordinator shall be responsible for responding to any local complaints about project construction and operational traffic concerns. The traffic control coordinator shall determine the cause of the traffic complaint and shall be required to implement reasonable measures to resolve the complaint. Signs posted along the project construction and operations access routes shall list the telephone number for the traffic control coordinator.

Adherence to adopted MM T-1 would ensure temporary roadway and traffic flow disruptions during proposed Project construction would not conflict with any applicable plan, ordinance, or policy establishing measures of effectiveness for the performance of the circulation system including transit, roadway, bicycle, and pedestrian facilities. Impacts would be less than significant with mitigation.

The IS/MNDs concluded that impacts to the performance of the roadway system from the proposed detour and construction-related vehicle trips would be reduced to a less-than-significant level with implementation of mitigation. The proposed Project's impacts were also determined to be less than significant with MM T-1 incorporated, and no additional mitigation measures are required. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- b.** Construction trips are not considered to be transit-friendly trips that could reduce overall vehicle miles traveled (VMT) of Project construction. Under the worst-case scenario, the proposed Project would generate a maximum of 65 daily one-way trips during peak construction activities and a decrease in the number of maintenance trips compared to what is required under existing conditions. Upon completion of construction, worker commute trips and truck trips would cease. Therefore, the worst-case estimate of daily round trips is not

considered to generate a substantial or permanent increase in VMT compared to regional averages for construction projects of a similar scale, nor would it conflict with plans and policies related to the reduction of VMT. Neither construction nor operation would permanently increase long-term VMT in the area, and less-than-significant impacts regarding VMT would occur. Therefore, the proposed Project would not conflict with or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b).

- c. The proposed Project does not include any new public roads but would reconstruct the existing two-lane bridges along CA Highway 66/NTH. Construction would temporarily impact CA Highway 66/NTH, I-40, and Kelbaker Road due to temporary road closures/blockages, detours, construction vehicle ingress/egress, and/or construction activities that could potentially increase hazards to motorists. Additionally, there are no dedicated sidewalk sections or bike lanes along CA Highway 66/NTH, I-40, and Kelbaker Road. These conflicts could result in safety hazards; however, the impacts would be less than significant with implementation of MM T-1 (see text in Section XVII(a) above), which requires preparation of a Construction Traffic Control Plan. MM T-1 is proposed to reduce potential impacts to the circulation system along impacted street segments. Impacts to the circulation network related to hazards from temporary lane closure and intersection disruptions would be less than significant.

The IS/MNDs concluded that impacts associated with changes to roadway features would be reduced to a less-than-significant level with implementation of mitigation. The proposed Project's impacts were also determined to be less than significant with MM T-1 incorporated, and no additional mitigation measures are required. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- d. The temporary disruption to travel lanes and roads during construction would potentially increase the response times for emergency vehicles (police, fire, and ambulance/paramedic units) or disrupt access to commercial and residential properties, although there are no adjacent properties. The impacts would be significant if the construction activities would restrict access to or from adjacent land uses with no suitable alternative access or if the construction activities would restrict the movements of emergency vehicles and if there would be no reasonable alternative access routes available. However, these potential impacts would be less than significant with adherence to MM T-1 (see text in Section XVII(a) above), which requires preparation of a Construction Traffic Control Plan. MM T-1 is proposed to reduce potential impacts to the circulation system along impacted street segments, including coordinating with emergency service providers and ensuring access is provided to all properties along the work area. Impacts to the circulation network related to disrupting emergency vehicle response times and access due to temporary lane closure and intersection disruptions would be less than significant with mitigation incorporated.

The IS/MNDs concluded that impacts associated with inadequate emergency access would be less than significant with mitigation. The proposed Project's impacts were also determined to be less than significant with MMs incorporated, and no additional mitigation measures are required. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

**XVIII. TRIBAL CULTURAL RESOURCES**

Would the project cause a substantial adverse change in the significance of a tribal cultural resources, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

Subsequent/ Supplemental CEQA Document: New Significant Effects or Substantially More Severe Effects	Addendum: None of the Conditions in State CEQA Guidelines Section 15162 Would Occur
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|--|--------------------------|-------------------------------------|
| a. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe. | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**Discussion:**

Tribal cultural resources (TCR) are a newly defined class of resources under state law. TCRs include sites, features, places, cultural landscapes, and sacred places or objects that have cultural value or significance to a Tribe. To qualify as a TCR, the resource must either: (1) be listed on, or be eligible for listing on, the California Register of Historical Resources or other local historic register; or (2) constitute a resource that the lead agency, at its discretion and supported by substantial evidence, determines should be treated as a TCR (PRC § 21074(a)(2)). Native American tribes that are traditionally and culturally affiliated with a geographic area can provide lead agencies with expert knowledge of TCRs.

Assembly Bill (AB) 52 requires that the CEQA Lead Agency send a formal notice and invitation to consult about a proposed project to all tribal representatives who have requested such notice. The purpose of this consultation is to obtain tribal information and direction related to the potential significant project effects on TCRs that may be affected by a project (PCR § 21080.3.1(d)). Consultation must include discussion of specific topics or concerns identified by tribes.

Impacts to Tribal cultural resources are based on the information received during AB 52 consultation between the CEQA lead agency and Tribal representatives. The CEQA Initial Study format used in 2015 did not include the Tribal Cultural Resources standalone section, but the County did conduct AB 52 consultation and Tribal Cultural Resources were considered by the County during the CEQA process. Below is a summary of the 2015 consultation provided by the County.

On July 23, 2015, the County of San Bernardino Department of Public Works sent opportunity to consult notification letters to the following California Native American tribe which was the only one that had submitted general consultation request letters pursuant to 21080.3.1(d) of the Public Resources Code:

- San Manuel Band of Mission Indians

The recipient was provided a brief description of the Proposed Projects and their locations, the lead agency’s contact information, and a notification that the tribe has 30 days to request consultation. The 30-day response period concluded on August 26, 2015.

San Manuel Band of Mission Indians requested consultation, but indicated no known Tribal cultural resources were on site. Tribe requested copies of our cultural resources records and reports and were provided with same. The tribe agreed with incidental finds language and conditions which were added to conditions of approval. Consultation closed by mutual consent on 09.23.15.

- a.** The County has determined that AB 52 consultation was fully conducted in 2015, and new consultations are not needed as part of this Addendum. Based on the information provided during the 2015 AB 52 consultation, no Tribal Cultural Resources were identified, thus none would be impacted.

Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- b.** The County has determined that AB 52 consultation was fully conducted in 2015 and new consultations are not needed as part of this Addendum. Based on the information provided during the 2015 AB 52 consultation, no Tribal Cultural Resources were identified and no resources were determined by the County to be a Tribal Cultural Resource, thus none would be impacted.

Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

NOT FOR

**XIX. UTILITIES AND SERVICE SYSTEMS**

**Would the project:**

	Subsequent/ Supplemental CEQA Document: New Significant Effects or Substantially More Severe Effects	Addendum: None of the Conditions in State CEQA Guidelines Section 15162 Would Occur
a. Require or result in the relocation or construction of new or expanded water, wastewater treatment, or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Comply with federal, State, and local management and reduction statutes and regulations related to solid waste?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion:**

***Environmental Setting***

The proposed Project is located in the southeastern portion of San Bernardino County. Surface and groundwater quality in the Project area is under the jurisdiction of the Colorado River Basin RWQCB (Region 7) (California State Water Resources Control Board, 2022), while the San Bernardino County Flood Control District manages the majority of the County's drainage infrastructure. Water supply for the County includes local groundwater, imported water, captured and recharged groundwater, and recycled water (Mojave Water Agency, 2023). The County is also served by various landfills and recycling centers that are operated by incorporated cities, the County itself, and private facility operators.

- a. Construction of the proposed Project would require the use of portable toilets and water trucks for soil compaction, dust suppression, and concrete equipment and production. Due to the temporary construction period of 115 days, there would be a sufficient water supply available from the Cadiz area. No water would be needed during operations. As such, no new or expanded water or wastewater facilities would be required for the proposed Project, and no impact would occur. All non-storm and stormwater flows would drain into the constructed water course of desert wash at Dola Ditch and Lanzit Ditch. All applicable local, State, and federal requirements regarding stormwater drainage and water quality would be incorporated during Project construction, including obtaining an NPDES permit from the Colorado River Basin RWQCB. Impacts relating to the construction of new or expanded stormwater drainage systems would be less than significant. Relocation of existing utility lines, including a fiber optic telecommunication line and solar-powered local utility line, would be required as they are currently tied to or adjacent to the existing bridges. Existing utility lines would be relocated within the defined limits of the Project

area. However, these utilities would not require new construction or expanded facilities. Therefore, impacts would be less than significant.

The IS/MNDs concluded that the proposed Project would have no impact relating to the construction or expansion of water and wastewater facilities, and less-than-significant impacts relating to the construction or expansion of stormwater facilities. The proposed Project would have no impacts relating to the construction of new or expanded water or wastewater treatment facilities and less-than-significant impacts relating to the construction or expansion of stormwater drainage systems and other utility systems. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- b.** Construction and operation of the proposed Project would not substantially increase demand for water. Although construction may require some minor water usage (e.g., dust control), construction would be completed in approximately five months. As such, water demand during construction is not expected to be substantial enough to require new or expanded water supply resources. The proposed Project would not create a substantial increase in demand for water, and it is expected that water supplies would be available for the reasonably foreseeable future during operations. No water use is needed during operations. Project impacts to existing water supplies would be less than significant.

The IS/MNDs concluded that the proposed Project would require relatively small amounts of water during temporary construction activities, and no new or expanded water supplies would be needed, and impacts would be less than significant. The proposed Project was found to not result in a substantial increase in demand for water supplies, and impacts were found to be less than significant. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- c.** Construction of the proposed Project is not expected to generate substantial amounts of wastewater. The peak workforce would consist of approximately 60 workers. Portable toilets would be provided by a licensed supplier during construction, and temporary wastewater generated would be in such small amounts that it would not exceed the capacity of the wastewater treatment provider. Furthermore, construction would be temporary and last for approximately five months. Operation of the Project would not generate wastewater nor require wastewater treatment services. The proposed Project would not create a substantial additional demand on the wastewater treatment provider for the Project area. No impact would occur.

The IS/MNDs concluded that the proposed Project would not generate a substantial amount of wastewater such that it would not exceed the capacity of wastewater treatment providers. The proposed Project was found to have no impacts relating to exceeding the capacity of wastewater treatment providers. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- d.** Construction activities associated with the proposed Project would include excavation and placement of embankment, which would require the export of materials listed in Appendix A. A portion of the native soil excavated would be reused as backfill, but the majority would be wasted on site and would not require disposal at any off-site waste disposal facility. The largest potential source of solid waste during construction would be demolished materials, such as asphalt concrete, timber, and steel, which would be disposed of at an off-site waste disposal facility such as Twentynine Palms Transfer Station. Waste would

then be transferred to an appropriately permitted landfill. The majority of County of San Bernardino Solid Waste Management Division landfills is permitted to accept construction and demolition debris and are assumed to have sufficient combined capacity to accommodate waste generated by the proposed Project. The anticipated quantities of solid waste would not result in an exceedance of the permitted capacity of local landfills. Once operational, the proposed Project would not generate any solid waste. Impacts related to insufficient landfill capacity would be less than significant.

The IS/MNDs concluded that the proposed Project would generate insubstantial amounts of solid waste over a temporary period, and impacts would be less than significant. The proposed Project was found to have less-than-significant impacts relating to solid waste generation and would not exceed the capacity of local landfills. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- e. The proposed Project would comply with all federal, State, and local statutes and regulations related to solid waste as all native excavated material would be left on site and would not be disposed of. Applicable regulations include the California Integrated Waste Management Act (AB 939) which requires the County to attain specific waste diversion goals and the California Solid Waste Reuse and Recycling Access Act of 1991 which requires expanded or new development projects to incorporate storage areas for recycling bins into the proposed project design. Impacts would be less than significant.

The IS/MNDs concluded that the proposed Project would be consistent with AB 939 and the California Solid Waste Reuse and Recycling Access Act of 1991. The proposed Project was found to have less-than-significant impacts relating to compliance with federal, State, and local management and reduction statutes and regulations related to solid waste. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

**XX. WILDFIRE**

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:

	Subsequent/ Supplemental CEQA Document: New Significant Effects or Substantially More Severe Effects	Addendum: None of the Conditions in State CEQA Guidelines Section 15162 Would Occur
a. Substantially impair an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines, or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion:**

This section addresses the Project’s potential impacts relating to wildfire hazards associated with construction and operation of the proposed Project. It includes a description of existing conditions and an evaluation of potential impacts relating to wildfire. The original IS/MNDs included an assessment of wildfire hazards under its impact assessment of hazards and hazardous materials. When the documents were published in 2015, wildfire was not included as a separate environmental factor in CEQA law. The 2019 CEQA Guidelines introduced wildfire as its own standalone section. Therefore, this assessment evaluates wildfire impacts separately.

**Environmental Setting**

As described in Section IX, Hazards and Hazardous Materials, wildland fires represent a substantial threat in the State and may be started by natural processes, primarily lightning, or by human activities. CAL FIRE has established a fire hazard severity classification system to assess wildland fire potential. The fire hazard severity classification system identifies FHSZ, depicted on CAL FIRE maps, which consider potential fire intensity and speed, production and spread of embers, fuel loading, topography, and climate (e.g., temperature and the potential for strong winds) (CAL FIRE, 2023a).

The fire hazard classification system provides three classes of FHSZs: Moderate, High, and Very High. Refer to Section IX (Hazards and Hazardous Materials) for a description of State, local, and federal responsibility areas. The proposed Project and surrounding areas are designated as Federal and Local (unincorporated) Responsibility Areas, and as such, the San Bernardino County Fire Department, Division 5, would provide fire protection services for the Project.

As described in Section XV (Public Services) fire protection in the region is provided by San Bernardino County Fire Department. The nearest fire station to the Project site is Twentynine Palms Station 44, which is approximately 40 miles southwest of the proposed Project sites (6560 Adobe Road, Twentynine Palms).

- a. As described in Section IX(g), the proposed Project would not cause any changes that would impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan. The Bridges would be reconstructed along CA Highway 66/NTH,

requiring temporary lane closures that would block emergency access. Emergency personnel driving east would use the first turn off Kelbaker Road and merge back onto CA Highway 66/NTH at the first right turn. Emergency personnel driving west would use the first right turn to the west of Chambless, turn left, and left again on Kelbaker Road to merge onto CA Highway 66/NTH. Emergency personnel coming from west to east would be required to use I-40 via Kelbaker Road instead of CA Highway 66/NTH (an additional 35 miles), and personnel heading west would use CA Highway 66/NTH towards I-40 (an additional 28 miles). After the 5-month construction period, CA Highway 66/NTH would be restored to pre-construction conditions. Maintenance of the Project would likely decrease compared to existing conditions due to the reinforced design utilizing concrete instead of timber. The reduction in maintenance activities and associated truck traffic would not increase or result in new or increased impacts to emergency response or evacuation routes compared to existing maintenance activities. A traffic control plan would be implemented during Project construction to reduce any impact to emergency access to a less-than-significant level as required by the adopted MM T-1 (see Section IX[g] for the full text).

The original IS/MNDs concluded that effects on emergency response from temporary lane or roadway closures and blocked access to driveways could be significant but would be reduced to a less-than-significant level with implementation of mitigation. The proposed Project's impacts were determined to be less than significant with MM T-1 incorporated, and no additional mitigation measures are required. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs.

- b.** The Project area is unlikely to support favorable conditions for a wildfire. The proposed Project is located in a desert setting that is relatively flat and does not contain the terrain or vegetation conducive to the ignition or spread of wildfire. It is not located within a moderate, high, or very high FHSZ and is over 50 miles away from the nearest area classified as very high FHSZ (CAL FIRE, 2023b). Although construction would involve equipment and vehicles that could accidentally ignite dry vegetation, there is minimal vegetation in the Project area, and the Project would comply with federal and State regulations for construction fire safety, such as requiring spark arrester protection on vehicles to reduce the potential of ignition. Furthermore, watering activities associated with dust suppression would reduce the potential for a fire accident to occur. Additionally, the proposed Project would not involve the construction or operation of habitable structures. Therefore, the Project would have a less-than-significant impact on exacerbating wildfire risks and exposing people to pollutants from a wildfire.

The original IS/MNDs concluded that effects on emergency response from temporary lane or roadway closures and blocked access to driveways could be significant but would be reduced to a less-than-significant level with implementation of mitigation. The proposed Project's impacts were determined to be less than significant with MM T-1 incorporated, and no additional mitigation measures are required. Therefore, the proposed Project would not create a new significant impact not discussed in the IS/MNDs or result in substantially more severe impacts than shown in the IS/MNDs

- c.** The Project would require the relocation of existing utility lines, including a fiber optic telecommunication line and solar-powered local utility line, that are currently tied or adjacent to the bridges. The proposed Project would not construct or maintain new roads, fuel breaks, and emergency water sources that would exacerbate fire risks. Maintenance of the Bridges would include activities such as repair, resurfacing, and restriping which would not exacerbate fire risks. As described in Section XX(b), the Project area is highly unlikely to support favorable conditions for a wildfire. As a result, the Project would result in a less-than-significant impact.

- d. As discussed in Section XX(b), the Project area is unlikely to support favorable conditions for a wildfire, and the Project sites are relatively flat, sparsely vegetated, and are not located within a moderate, high, or very high FHSZ. The nearest very high FHSZs are over 50 miles away from the Project sites (CAL FIRE, 2023b). The nearest town to the Project sites are Chambless, which is approximately 3.2 miles east of Dola Ditch Bridge and 2.5 miles east of Lanzit Ditch Bridge; and Amboy, which is approximately 7.7 miles west of Dola Ditch Bridge and 8.4 miles west of Lanzit Ditch Bridge. Due to these distances, the desert setting, and low likelihood of the uncontrollable spread of an accidental fire, there would be no risks associated with downslope or downstream flooding, post-fire slope instability, or drainage changes posing a risk of loss to people. Therefore, no impact would occur.

NOT FOR BIDDING

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