

**CITY OF OROVILLE, CALIFORNIA**



**SPECIFICATIONS AND CONTRACT DOCUMENTS**

**TABLE MOUNTAIN ROUNDABOUT**

**APRIL 2016**

**PREPARED BY:**

**CITY OF OROVILLE PUBLIC WORKS DEPARTMENT  
OROVILLE, CALIFORNIA**

**SPECIFICATIONS AND CONTRACT DOCUMENTS FOR  
TABLE MOUNTAIN BOULEVARD ROUNDABOUT**

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**SECTION - BR**  
**BIDDING REQUIREMENTS**

**INVITATION FOR BIDS**  
**CITY OF OROVILLE**  
**1735 MONTGOMERY STREET**  
**OROVILLE, CALIFORNIA 95965-4897**

Sealed proposals for the work described in the specifications and contract documents entitled:

**TABLE MOUNTAIN BOULEVARD ROUNDABOUT**

will be received at the City of Oroville, office of the City Clerk, 1735 Montgomery Street, Oroville, California 95965 until:

**WEDNESDAY, MAY 25, 2016 AT 2:00 PM**

at which time they will be publicly opened and read aloud in Conference Room 1 at said address.

**NON-MANDATORY PRE-BID MEETING**  
**WEDNESDAY, MAY 4, 2016 AT 11:00 AM**

All Contractors interested in bidding on this project shall attend a mandatory pre-bid meeting to be held at Oroville City Hall, 1735 Montgomery Street, Oroville, California. The pre-bid meeting will be held on Wednesday, May 4, 2016 at 11:00 AM.

Proposal forms for this work are included in the document entitled:

**TABLE MOUNTAIN BOULEVARD ROUNDABOUT**

The proposed work for this project consists of the following generalized scope of work:

- Removal and disposal (or salvage) of existing curb, gutter and sidewalks (CG&S), and other infrastructure, and completion of approximately 2,000 cubic yards of general roadway excavation.
- Construction of new roundabout improvements to include: a 90-foot diameter landscaped and irrigated center island with truck apron, 13 new street lights and associated underground conduit and wires, 4 new splitter islands and crosswalks, 3,000 linear feet of new CGS and, 7 pedestrian ramps and other improvements.
- Installation of new and re-located/re-installed street signs, thermoplastic striping and markings, combination electric pedestal and irrigation controller and PG&E service drop.
- Storm drain, water main and sewer main improvements.
- Construction of a new roadway structural section consisting of approximately 44,000 square feet of HMA paving.

**Contractor's License Classification.** The Contractor shall possess a Class A General Engineering Contractor license issued by the State of California Contractors State License Board at the time of contract award. The Contractor's subcontractor(s) performing work shall possess the appropriate

state licenses for the work being performed. The awarded Contractor and subcontractors will also be required to obtain a City Business License.

**Obtaining or Inspecting Contract Documents.** The plans, specifications and contract documents (Contract Documents) are available for download on the City of Oroville website at:

<http://www.cityoforoville.org/index.aspx?page=257>

The City will also be transmitting scanned copies of the Contract Documents to all building exchanges throughout the Northern Central Valley and the Bay Area. The City will not be providing Contractors paper copies of the Contract Documents. Further information regarding wage requirements, contract time, bonding requirements, federal requirements and other contract provisions are included in the Instructions for Bidders as part of the Contract Documents. Any questions or clarifications regarding the Contract Documents requested by Contractors shall be emailed to the City of Oroville, Project Manager, Rick Walls, P.E., at [wallsr@cityoforoville.org](mailto:wallsr@cityoforoville.org) after the pre-bid meeting on May 4, 2016.

Questions or clarifications to the Contract Documents will be responded to through the issuance of addendum(s) by the City. As required, Contractors that submit written questions or clarifications to the City by email ([wallsr@cityoforoville.org](mailto:wallsr@cityoforoville.org)) will be automatically placed on the bidders list. Addendums will be email to all Contractors who have submitted questions and have been placed on the bidders list. Addendums will also be place on the City's website (website address above).

**Wage Requirements.** This project is federally funded. The Contractor and Subcontractors on this project must comply with HUD contract provisions 24CFR part 85.36(i), the Davis-Bacon Act, Nondiscrimination, Equal Employment Opportunity, Affirmative Action, Section 3 requirements, Anti-Kickback Act, Federal Occupational Safety and Health Act and Department of Labor Standards and Regulations as set forth in the Contract Bid Documents. This municipality is an equal opportunity employer and businesses owned by women or minorities are strongly encouraged to bid. The Department of Public Works hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, gender, color or national origin in consideration for the award.

All labor on the project shall be paid the higher of the minimum wage rates as established by the U.S. Secretary of Labor, or the California Director of Industrial Relations. If a discrepancy exists between these two determinations, then all labor on the project shall be paid the higher of the two minimum wage rates. The wage rates established by the U.S. Secretary of Labor as of the date of advertisement are included in Attachment 1 of the Contract included in the specifications. For updates to these wages scales see Wage Determinations OnLine.gov. This project is subject to both the Federal and State general prevailing wage rates unless a construction trade as part of the project has no listed federal wage rate. In this case, and only if there is no listed federal wage rate for a specific and necessary trade, the State general prevailing wage rate shall apply. It shall be mandatory upon the Contractor to whom the Contract is awarded, and upon any subcontractors under such contract, to pay not less than said prevailing rates to all workers employed by them in the execution of the Contract.

**Contract Time.** This work shall be constructed in accordance with details as shown on the plans and described in the specifications for this project. The construction work for the entire project shall be completed within ninety five (95) working days.

**Bidder's Bond.** Bids must be from an appropriately licensed contractor, must be sealed and accompanied by cash, a certified or cashier's check, equivalent to ten percent (10%) of the proposal, payable to the order of the City of Oroville, to guarantee that if a proposal is accepted, a contract will be entered into and its performance secured. A Bidder's Bond to like effect and amount with a corporate surety will be acceptable for this project. Bids must be in writing and signed by or on behalf of the bidder.

**Award of Contract.** The contract will be awarded on the basis of lowest price for the base bid and/or the add alternates from a responsive and responsible bidder and will provide for progressive payments and liquidated damages as fixed in the specifications. All proposals must be made on the forms as contained in the specifications for the previously described project and shall in all respects comply with the Instructions to Bidders and Contract Documents. Bids must be in writing and signed by or on behalf of the bidder.

**Bonding Requirements.** The successful bidder will be required to furnish a Performance Bond for 100 percent of the contract price to secure fulfillment of all the bidder's obligations under such contract. The successful bidder will further be required to furnish a Labor and Material Bond for 100 percent of the contract price to assure payment as required by law of all persons supplying labor and material in the execution of the work provided for in the contract.

**Retainage from Payments.** Monthly progress payments shall be made to the Contractor for the value of the work completed during the preceding month, less a five percent (5%) security withhold.

**Public Works Contractor Law.** Bidders are advised that effective January 1, 2015, SB854 requires that no contractor or subcontractor may be listed on a bid proposal for a public works project (submitted on or after March 1, 2015) unless registered with the Department of Industrial Relations (DIR) pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)]. Furthermore, no contractor or subcontractor may be awarded a contract for public work on a public works project (awarded on or after April 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. After registration, contractors and subcontractors shall submit be required to electronic certified payroll reports to DIR.

**Previous Bid Advertisement.** This project was previously advertised for bid in 2015 but was not awarded due to funding issues. Addendums issued from the 2015 bid effort are included as the last section of these Contract Documents. Bidders are encouraged to review the previous addendums.

The City of Oroville reserves the right to reject any and/or all bids or to utilize any alternate procedures as authorized by California Public Contracts Code Sections 20166 and 20167, and accept such bids as are to the best interest of the City. No bidder may withdraw his/her bid for a period of ninety (90) days after the date set for the opening thereof.

Engineer's Estimate: \$1,400,000

CITY OF OROVILLE

Dated:

Rick Walls, P.E.  
City Engineer

April 15, 2016

Advertising Dates: April 15, 2016 and April 22, 2016

## **INFORMATION FOR BIDDERS**

Bids will be received by the City of Oroville at the office of the City Clerk, City Hall, 1735 Montgomery Street, Oroville, California 95965-4897, until:

**WEDNESDAY, MAY 25, 2016 AT 2:00 PM**

at which time they will be publicly opened and read aloud.

Each bid must be submitted in a sealed envelope, addressed to the City of Oroville, 1735 Montgomery Street, Oroville, California 95965-4897. Each sealed envelope containing a bid must be plainly marked on the outside as bid for:

### **TABLE MOUNTAIN BOULEVARD ROUNDABOUT**

and the envelope should bear on the outside the name of the bidder, his/her address, his/her license number and classification, and the name of the project for which the bid is submitted. If forwarded by mail, the sealed envelope containing the bid must be enclosed in another envelope addressed to the City of Oroville.

#### **1. SCOPE OF PROJECT**

The work to be done under this contract consists of furnishing all materials, plant and equipment, and performing all necessary labor in accordance with the prepared plans, specifications, and special provisions as directed by the City or its authorized representative, as follows:

#### **CONSTRUCTION OF THE TABLE MOUNTAIN BOULEVARD ROUNDABOUT**

#### **2. FORM OF PROPOSAL**

All bids must be made on the required bid form, and other forms furnished with the contract documents. All blank spaces for bid prices must be filled in, in ink or typewritten, and the bid form must be fully completed and executed when submitted. Only one copy of the bid form is required. Each bid shall be accompanied by a certified check, cashier's check, or surety bond for not less than ten (10) percent of the amount of the bid, made payable to the order of the City Clerk, City of Oroville. Such check or bond shall be given as a guarantee that the bidder will enter into the contract if awarded to him/her, and will be declared forfeited if the bidder refuses to enter into said contract and give the required contract bonds within five (5) days after being notified to do so by the City. The check or bond accompanying the accepted bid will be retained until the contract documents have been signed by the successful bidder and approved by the City of Oroville.

**The following forms shall be completed and signed (where required), and submitted together to constitute a fully responsive bid:**

- Bid Form (Pages BD-1 through BD-3)
- Bid Schedule (Page BD-4)
- List of Subcontractors (Page BD-6)
- Bidder's Bond (Page BD-7)

- Equal Opportunity Certification (Page BD-8)
- Noncollusion Affidavit (Page BD-9)
- Public Contract Code Section 10285.1 Statement (Page BD-10)
- Public Contract Code Section 10162 Questionnaire (Page BD-11)
- Disclosure of Lobbying Activities (Page BD-15)
- Exhibit 15-G - DBE Commitment Form (Page BD-17)
- Exhibit 15-H - Good Faith Efforts Form (Pages BD-19 through BD-21)
- Exhibit 12-B – Bidder’s List of DBE Subcontractors (Pages BD-22 and BD-23)

The Contractor shall possess a Class A General Engineering License issued by the State of California Contractors State License Board at the time of contract award. The Contractor’s subcontractor performing work elements shall possess the appropriate state licenses for the work being performed. The awarded Contractor and subcontractors will also be required to obtain a City Business License.

The City may waive any informalities or minor defects or reject any and all bids. Any bid may be withdrawn prior to the above scheduled time for the opening of bids or authorized postponement thereof. Any bid received after the time and date specified shall not be considered. No bidder may withdraw a bid within ninety (90) days after the actual date of the opening thereof. The City intends to award the contract at a regularly scheduled City Council Meeting as soon as possible thereafter. Should there be reasons why the contract cannot be awarded within the specified period; the time may be extended by mutual agreement between the City and the bidder.

The proposals may be rejected if they show any alteration of forms, additions not called for, conditional or alternative bids, incomplete bids, erasures or irregularities of any kind. The City of Oroville reserves the right to retain the checks or bonds of the three lowest bidders until an approved contract has been signed. All other bidders' checks will be returned by the City of Oroville.

### **3. LOCAL CONDITIONS**

Bidders must satisfy themselves of the accuracy of the estimated quantities in the bid schedule by examination of the site and a review of the drawings and specifications including addenda. After bids have been submitted, the bidder shall not assert that there was a misunderstanding concerning the quantities of work, the nature of the work to be done or other requirements that are being called for in these specifications.

The City shall provide to bidders, prior to bidding, all information that is pertinent to, and delineates and describes, the land owned and rights-of-way acquired or to be required. The contract documents contain the provisions required for the construction of the project. Information obtained from an officer, agent, or employee of the City or any other person shall not affect the risks or obligations assumed by the Contractor or relieve him/her from fulfilling any of the conditions of the contract.

If any bidder is in doubt as to the true meaning of any part of the drawings, specifications, or other Contract Documents, or finds discrepancies in, or omissions from, the drawings or specifications, he/she may submit to the Design Engineer a written request for a clarification or correction thereof not later than five (5) days before the date bids will be opened. The person submitting the request will be responsible for its prompt delivery. Any clarification or correction will be made by written addendum, which shall be mailed or delivered to each person receiving a set of such documents.

The City will not be responsible for any other explanation or interpretation of the Contract Documents.

Any addenda issued before the time in which to submit bids expires shall form a part of the Contract Documents and shall be covered in the bid. Each bidder shall confirm receipt of any and all addenda in the space provided in the bid form.

#### **4. BASIS OF AWARD**

Award will be made to the lowest responsive and responsible bidder. A conditional or qualified bid will not be accepted. All applicable laws, ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the project shall apply to the contract throughout. Each bidder is responsible for inspecting the site and for reading and being thoroughly familiar with the Contract Documents. The failure or omission of any bidder to do any of the foregoing shall in no way relieve any bidder from any obligation in respect to his/her bid. The low bidder shall supply the names and addresses of major material suppliers and subcontractors with the bid proposal on the form provided.

In making the award of the contract the City will consider the balanced character of the bids, the experience and ability of the bidders, as well as the extension of the estimate of quantities at the unit prices bid. The Contract will be awarded to the lowest cost for the work subject to the conditions for the basis of award of a contract. The Owner reserves the right to reject any or all bids and to waive irregularities not affecting substantial rights.

In case of conflict in the proposal between unit price bid and the extended total, the unit price bid shall govern. The basis of the award is subject to all conditions as contained in these specifications. The party to whom the contract is awarded will be required to execute the agreement and obtain the performance bond and payment bond within fourteen (14) calendar days from the date when notice of award (either verbal or written) is delivered to the bidder. The notice of award shall be accompanied by the necessary agreement and bond forms. In case of failure of the bidder to execute the agreement, the City may, at its option, consider the bidder in default, in which case the bid bond accompanying the proposal shall become the property of the City.

#### **5. CONTRACT BONDS**

Upon receipt of written notice of award of the contract and not more than five (5) days thereafter, the Contractor shall furnish the following bonds with power of attorney issued by a surety licensed to do business in the State of California and approved by the City. Attorneys-in-fact who sign bid bonds or payment bonds and performance bonds must file with each bond a certified and effective dated copy of their power of attorney. The form of the bonds shall be acceptable to the Owner:

- a. Faithful Performance Bond in a sum equal to one hundred percent (100%) of the amount of the contract awarded. This bond shall be made payable to the City of Oroville to guarantee the faithful performance of the contract.
- b. Labor and Material Bond in a sum equal to one hundred percent (100%) of the amount of the contract awarded. This bond shall be made payable to the City of Oroville to guarantee the payment of all labor, materials, rentals, etc. This bond shall have specific provisions to assure payment of all unemployment contributions which become due and payable.

## **6. PRECONSTRUCTION CONFERENCE**

Prior to the issuance of the Notice to Proceed, a pre-construction conference will be held at a location determined by the City 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, and all essential matters pertaining to the prosecution 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 major sub-contractors.

## **7. NOTICE TO PROCEED**

The Notice to Proceed shall be issued within five (5) days after the agreement has been executed and the City has received the bonds and insurance documentation required per contract. Should there be reasons why the notice to proceed cannot be issued within such period, the time may be extended by mutual agreement between the City and the Contractor.

## **8. BIDDER'S QUALIFICATIONS**

The City may make such investigations as it deems necessary to determine the ability of the bidder to perform the work, and the bidder shall furnish to the City all such information and data of this purpose as the City may request. The City reserves the right to reject any bid if the evidence submitted by, or investigation of, such bidder fails to satisfy the City that such bidder is properly qualified to carry out the obligations of the agreement and to complete the work contemplated therein.

## **9. WAGE RATES**

All labor on the project shall be paid no less than the minimum wage rates as established by the U.S. Secretary of Labor. Further, pursuant to California Labor Code Section 1770, the California Director of Industrial Relations has specified the general prevailing wage rates for all public projects in California. The wages to be paid to all workers on such projects shall not be less than those specified in such wage rate determination.

The federal and state prevailing wage rates are included as Attachments 1 and 2, respectively, to the Contract included in this IFB. The higher of the two rates shall be paid for each labor classification.

## **10. ESTIMATE OF QUANTITIES**

The estimate of quantities of work to be done under the specifications is approximate and is given only as a basis of calculation upon which the award of the contract will be made. The Contractor will be paid for the actual work done including materials and equipment actually installed at the contract unit price. The Owner reserves the right to increase or decrease the amount of any class of work or material deemed necessary without restrictions. Bidders must submit balanced bids in order that they may not be affected adversely by an increase or decrease of quantities.

## **11. SUBLETTING OF CONTRACT**

The Contractor shall not sublet, sell, transfer, assign or otherwise dispose of the contract or contracts or any portion thereof, or of his/her right, title, or interest therein, without written consent of the Owner. In case such consent is given, the Contractor will be permitted to sublet a portion thereof,

but shall perform with his/her own organization not less than 30 percent of the total contract cost, except that any items designated by the Contractor and approved by the Owner as "specialty items" may be performed by subcontract and the cost of any such specialty items so performed by subcontract may be deducted from the total cost before computing the amount of work to be performed by the Contractor with his/her own organization. No subcontracts or transfer of contract shall release the Contractor of his/her liability under contracts and bonds.

## **12. WORKER'S COMPENSATION INSURANCE**

The Contractor shall provide worker's compensation insurance, as required under the laws of the State of California, protecting the employees on the work, and shall pay all premiums due thereunder.

## **13. PUBLIC LIABILITY INSURANCE**

The Contractor shall not commence any work or permit any subcontractor to commence any work until he/she obtains at his/her expense all required insurance. Such insurance must have the approval of the Owner as to limit, form and amount. Any insurance bearing on adequacy of performance shall be maintained after completion of the project for the full guarantee period.

## **14. CONTRACT TIME**

The Contractor shall begin work within ten (10) calendar days after the date set in the written Notice to Proceed by the Owner and shall diligently prosecute same to completion for all of the proposed construction. The Contract time for the completion of the total project shall be ninety five (95) working days beginning on the date of the written Notice to Proceed.

## **15. LIQUIDATED DAMAGES**

If the Contractor refuses or fails to complete the work within the time specified, including authorized extensions, there shall be deducted from monies due the Contractor, not as a penalty, but as liquidated damages the sum of One Hundred Dollars (\$100.00) for each working day subsequent to the time specified for each project and the time the work is actually completed and accepted. Delays caused by adverse weather conditions or conditions for which the Owner is clearly responsible will be added to the contract time.

## **16. PAYMENTS**

Progress payments shall be made at least once each month as the work progresses. These progress payments shall be based on work accomplished during the previous working month, based on the various contract bid items and the unit bid prices included in the Bid Schedule submitted by the Contractor with his/her bid. In applying for payments, the Contractor shall submit a statement based on this schedule. Payment will be made only for material and work actually incorporated in the work.

## **17. WITHHOLDING**

Owner shall withhold from each payment due the Contractor five percent (5%) of the amount claimed. This 5% of the payment shall be withheld until final acceptance of the total project is given by the Owner. After final acceptance of the project is given and the Contractor has submitted

acceptable release of all liens and furnished the Engineer acceptable red-lined drawings showing the "as-built" condition of the completed project, then the Owner shall release for payment the 5% retention. Owner will make such final payment of retention within thirty-five (35) days of final acceptance of the project and submittal of release of liens and red-lined as-built drawings.

Pursuant to Government Code Section 4590, at the request and expense of the Contractor, securities equivalent to the amount withheld shall be deposited with the City or with a state or federally chartered bank as the escrow agent, who shall pay such monies to the Contractor upon satisfactory completion of the contract. Securities eligible for investment under this section shall include those listed in Government Code Section 16430 or bank or savings and loan certificates of deposit. The Contractor shall be the beneficial owner of any securities substituted for monies withheld and shall receive any interest thereon.

## **18. DEFINITIONS**

Whenever in the specifications or on the drawings the word directed, required, permitted, designated, ordered, or words of like import are used, it shall be understood that the direction, requirement, permission, designation or order of the City of Oroville is intended; and, similarly, the words approved, satisfactory, suitable, acceptable, or words of like import, shall mean approved by the representative of the City of Oroville authorized to express such approval.

## **19. TAXES**

Bidders shall have included in their bids any and all Federal, State and local taxes of whatever nature in connection with material to be furnished to the City. Absolutely no extras shall be allowed for such by the City.

## **20. CONTRACT DOCUMENTS**

The form of agreement which the successful bidder, as Contractor, will be required to execute and the form of bonds which he/she will be required to furnish are included in the Contract Documents and should be carefully examined by each bidder. The agreement and bonds will be executed in two (2) original counterparts. The complete contract consists of the Contract Documents as defined in the agreement, and are intended to cooperate and be complementary so that any work called for in one and not mentioned in the other, or vice versa, is to be executed the same as if mentioned in all said documents. The intention of the documents is to include all labor, materials, equipment, transportation and services necessary for the proper execution of the work.

## **21. DECLARATION FOR FINAL PAYMENT**

After the completion of the work of this contract, the Contractor shall file with the City his/her declaration under penalty of perjury stating that all workers and persons employed, all firms supplying the materials and all subcontractors upon the project, have been paid in full and that there are no bills outstanding against the project for either labor or materials except certain items, if any, to be set forth in detail in the declaration. The filing of such declaration by the Contractor and the submittals referred to in the General Provisions shall be a condition precedent to Contractor's receipt of the final payment on this contract.

## **22. ADMONITION**

All bidders hereby are advised that the City of Oroville has adopted General Provisions for this work which differ substantially from the general provisions provided for private projects or projects undertaken by other governmental agencies. Contractors are admonished to carefully read the General Provisions, as well as the special conditions and technical provisions, and are advised that the General Provisions shall be enforced strictly.

## **23. QUALITY**

a. **Conduct of Work.** The construction in place, and all operations on the site and in conjunction with the work of construction, shall comply with all laws, ordinances and regulations of legally constituted authorities having jurisdiction.

b. **Manufacturer's Directions.** Where specifications require work to be performed in accordance with manufacturer's directions, the Contractor shall obtain and distribute copies of said directions to City, Architect and field office before starting the affected part of the work.

c. **Materials.** All materials and equipment incorporated in the work shall be new, except where reuse of existing materials or equipment is specified. Materials employed for construction purposes, such as framework, scaffolding, temporary lighting fixtures, lamps, piping or wiring shall not be used in the work. All similar materials and equipment shall be products of one manufacturer, and shall be the same model, type and style for the same use throughout the project. This requirement shall apply whether item is furnished under one or several sections of the specifications. It shall be the Contractor's responsibility to coordinate and assure compliance of this requirement. The conditions of this paragraph shall be sufficient cause for rejection of the substitutions.

d. **Workmanship.**

1. All workmanship shall be performed by skilled mechanics in accordance with established standards of first-class workmanship in each of the various trades. All items shown or indicated shall be plumb, level, flat or straight, throughout their entire extent, within limits of tolerances specified. In cases where tolerances are not specified, all items shall be installed in accordance with established standards for first-class work in each trade.

2. Contractor shall, prior to installing any item or material, assure himself that surfaces to receive such items or materials are plumb, level, true to line and straight to the degree necessary to achieve tolerances specified or required. All shimming, blocking, stripping, grinding, or patching required shall be performed without extra cost.

3. All joints in finish materials shall be tight, straight, even and smooth.

4. All operable items shall operate smoothly, without sticking or binding, and without excessive "play" or looseness

5. Finished appearance of all items, and of joints or transitions between items, shall be indicative of highest-quality workmanship.

## **24. SUBMITTALS**

The contractor shall prepare and provide all submittals, shop drawings and samples required by other pertinent sections of the specifications for work, and all incidental submittals required for proper performance of the work. The City shall prepare a submittal schedule prior to the issuance of the Notice to Proceed. All submittals shall be submitted in a timely manner allowing

the City a 1 week review time. It is the expressed responsibility of the Contractor to ensure that the submittal, review and approval of submittals by the City do not delay the project schedule.

## **25. GUARANTEE**

In addition to requirements for a guarantee specified in "General Conditions," the effective date of the guarantee shall be the date of recording the notice of final completion.

**SECTION - BD**

**BIDDING DOCUMENTS**

**BID FORM**

Bid Opening Date: May 25, 2016

Hour of Bid Opening: 2:00 p.m.

Place of Bid Opening:

City of Oroville  
1735 Montgomery Street, Conference Room 1  
Oroville, California 95965

TO: The City of Oroville, State of California:

Bid of, \_\_\_\_\_,  
organized and existing under the laws of the State of California, and doing business as:

- a Corporation
- a Partnership
- an Individual

to the City of Oroville, 1735 Montgomery Street, Oroville, California 95965.

The bidder, in compliance with the Invitations for Bids for:

**TABLE MOUNTAIN BOULEVARD ROUNDABOUT**

having examined the plans and specifications with related documents of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all labor, materials, and supplies, and to construct the project in accordance with the contract documents, within the time set forth therein, and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the contract documents, of which this proposal is a part.

The bidder is required to examine carefully the work site, the proposal form, plans, Specifications, Supplemental Specifications, special provisions and contract forms for the work contemplated. It will be assumed that the bidder has investigated and is satisfied as to the conditions to be encountered for performing the work as scheduled, and as to the character, quality and quantities of work to be performed and materials to be furnished, and as to the requirements of the plans, Specifications, Supplemental Specifications, special provisions and contract. The submission of a proposal shall be considered conclusive evidence that the bidder has made such examination and is satisfied as to all the conditions and contingencies.

Bidder hereby agrees to commence work under this contract within 10 working days after issuance of the Notice to Proceed by the City and, will fully complete the project within 95 working days after the issuance of the Notice to Proceed, unless the period of completion is extended thereafter as stipulated in the specifications. Liquidated damages established for this contract are established at \$100 per day for each working day that all project work is not

completed after the 95th working day.

Bidder further agrees that should he/she fail to complete any segment of work in the time specified, he/she will pay liquidated damages to the City as prescribed in these specifications. It is understood that the City reserves the right to increase or decrease the quantities of items bid in the contract with no change in the unit prices bid, provided the change in a major item does not exceed 25 percent and of other items, 30 percent.

All items contained in the project bid schedule, including the additive alternatives, must be submitted for the entire work. Award of contract(s) will be based on either the lowest responsible bidder for base bid schedule alone, or the base bid schedule combined with all or a portion of the additive alternatives, at the City's discretion. The amount of the bid for comparison purposes will be the total bid of all items for each respective Bid Schedule. The unit prices shall include all labor, materials, tools, equipment, overhead, profit, fees and all other items of expense necessary for and incidental to the finished work. The Contractor's attention is directed to the section of the Technical Specifications of these specifications entitled "Increased or Decreased Quantities."

The bidder understands that the City reserves the right to award or reject any or all bids for each respective Bid Schedule. The bidder agrees that their bids shall be good and may not be withdrawn for a period of sixty (60) calendar days after the actual date of opening thereof.

Upon receipt of written notice of the acceptance of this bid, bidder will execute the formal contract attached within ten (10) calendar days and deliver surety bonds as required by the general conditions. The bid security, attached, is to become the property of the City in the event the contract and bonds are not executed within the time set forth as liquidated damages for the delay and additional expense to the City caused thereby.

Accompanying this bid is \_\_\_\_\_

(Note: Insert the words "cash," "cashiers check," "certified check," or "bidders bond" as the case may be in the amount equal to at least ten (10) percent of the total bid.)

The names of all persons interested in the foregoing proposal as principals are as follows:

**IMPORTANT NOTICE:** If bidder or other interested person is a corporation, state legal name of corporation, also names of the president, secretary, treasurer and manager thereof; if a co-partnership, state true name of firm, also names of all individual copartners composing firm; if bidder or other interested person is an individual, state first and last names in full.

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Licensed in accordance with an act providing for the registration of Contractors,  
License No. & Exp. Date: \_\_\_\_\_ Classification(s) \_\_\_\_\_

**ADDENDA:** This proposal is submitted with respect to the changes to the contract included in addendum number(s) \_\_\_\_\_.

(Fill in addendum numbers if addenda have been received and insert, in this Proposal, any Engineer's Estimate sheets that were received as part of the addenda.)

Addendum or addenda issued by the department must be noted above.

By my signature on this proposal I certify, under penalty of perjury under the laws of the State of California, that the foregoing questionnaire and statements of Public Contract Code Sections 10162, 10232 and 10285.1 are true and correct and that the bidder has complied with the requirements of Section 8103 of the Fair Employment and Housing Commission Regulations (Chapter 5, Title 2 of the California Administrative Code). By my signature on this proposal I further certify, under penalty of perjury under the laws of the State of California and the United States of America, that the Noncollusion Affidavit required by Title 23 United States Code are true and correct.

Signature of Bidder \_\_\_\_\_ Date: \_\_\_\_\_

Name and Title of Bidder: \_\_\_\_\_

Name of Business: \_\_\_\_\_

Business Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Attest: \_\_\_\_\_

Dated: \_\_\_\_\_

License No. & Exp. Date: \_\_\_\_\_

Classification: \_\_\_\_\_

SEAL: (If bid by corporation)

**TABLE MOUNTAIN BOULEVARD ROUNDABOUT  
 BID SCHEDULE**

Bidder agrees to perform all of the work described in the contract documents and this bid form for the amounts shown in the "Bid Amount" column.

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Contractor's Company Name, Address and Phone Number

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Contractor's Title, Signature and Date

<b>BID ITEM</b>	<b>ITEM DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>EXTENDED PRICE</b>
1	Mobilization (Max. 5% Total Bid)	LS	1		
2	Traffic Control	LS	1		
3	Water Pollution Control	LS	1		
4	Remove Existing Sidewalks	SF	12,698		
5	Remove Existing Curb and Gutter	LF	2,331		
6	Construction Layout & Staking	LS	1		
7	Roadway Excavation	CY	2,056		
8	Aggregate Base (12") - Asphalt Section	CY	1,776		
9	Aggregate Base (8") - Truck Apron	CY	66		
10	Aggregate Base (4") – Sidewalks, Driveways & Islands	CY	299		
11	Asphaltic Concrete (4")	TON	1,084		
12	Vertical Curb W/O Gutter	LF	1,506		
13	Vertical Curb & Gutter	LF	1,824		
14	Rolled Curb W/O Gutter	LF	280		
15	Concrete Sidewalk (4")	SF	15,055		
16	Concrete Driveway (6")	SF	1,010		
17	Colored Concrete (4")	SF	8,214		
18	Colored Truck Apron Concrete (8")	SF	2,372		
19	Handicap Ramp W/Truncated Domes - Complete	EA	7		
20	Truncate Domes – Others (3'x8')	EA	18		
21	Adjust Grade on 1 SSMH and Reset 1 SSMH With New Concrete Collar	LS	1		
22	12" Storm Drain Pipe	LF	164		
23	18" Storm Drain Pipe	LF	257		
24	Saddle Drop Inlet	EA	3		
25	18" X 18" Area Drain	EA	2		
26	24" X 24" Area Drain	EA	1		
27	Modified 24" X 36" Area Drain	EA	1		
28	36" X 36" Area Drain Top	EA	1		
29	Adjust Grade On 5 Existing SDMH and 1 SDDI	EA	6		

**TABLE MOUNTAIN BOULEVARD ROUNDABOUT  
 BID SCHEDULE (CONT'D)**

<b>BID ITEM</b>	<b>ITEM DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>EXTENDED PRICE</b>
30	Thermoplastic Pavement Markings	SF	1,337		
31	Thermoplastic Pavement Striping	LF	6,523		
32	Relocate Roadside Sign	EA	10		
33	Install Roadside Sign	EA	33		
34	Street Lights	EA	13		
35	Street Light Conduit	LF	1,160		
36a	Removal and Disposal Existing Asbestos Water Pipe	LF	669		
36b	14" DR 18 C906 Water Main	LF	544		
36c	10" DR 18 C900 Water Main	LF	303		
36d	8" DR 18 C900 Water Main	LF	218		
36e	Isolation Valves (2-14" and 1-18")	EA	3		
36f	Fire Hydrant Relocation and Service Lateral Replacement	LS	1		
36g	Temporary Service Connection	LS	1		
37	Street Light Conductor	LF	1,160		
38	Street Light Pull Boxes	EA	16		
39	Electric Service Pedestal	EA	1		
40	Landscape And Irrigation System	LS	1		
41	15" Sanitary Sewer Pipe Replacement	LF	601		
42	Std. SS-02 Sanitary Sewer Manhole	LS	1		
43	Install Sewer Cleanout – Table Mountain Boulevard	LS	1		
44	Coring Existing Manholes – New Sanitary Sewer Pipe	EA	2		
<b>TOTAL BID ITEMS 1 - 44</b>					<b>\$</b>

<b>ADD ALTERNATE BID ITEMS</b>					
A-1	Chevron Colored Concrete – Truck Apron – Per Plans(3)	LS	1		
A-2	Hand Sprinkled Aggregate – Per Plans(4)	LS	1		
A-3	Solar Powered Radar Speed Signs	EA	2		

**Bid Schedule Notes:**

- (1) For purposes of contract award the City reserves the right to utilize either the total bid alone (Bid Items 1 – 45), or the total bid and any combination of the add alternative bid items A-1 through A-3.
- (2) The cost for bid items 36b, 36c, and 36d, shall include trench backfill and compaction only to road subgrade. Road re-construction costs above subgrade elevation are governed by bid items 8 and 9.
- (3) Added cost to bid item 19 to provide truck apron chevrons per plans.
- (4) Added cost to bid item 18 to provide decorative hand sprinkled aggregate per plans.



**BIDDER'S BOND**

**CITY OF OROVILLE**

We, \_\_\_\_\_  
\_\_\_\_\_ as Principal, and  
\_\_\_\_\_  
\_\_\_\_\_

as Surety are bound unto the City of Oroville, hereafter referred to as "Obligee," in the penal sum of ten percent (10%) of the total amount of the bid of the Principal submitted to the obligee for the work described below, for the payment of which sum we bind ourselves, jointly and severally.

**THE CONDITION OF THIS OBLIGATION IS SUCH, THAT:**

WHEREAS, the Principal is submitting a bid to the Obligee, for the **TABLE MOUNTAIN BOULEVARD ROUNDABOUT** as shown on the Project Plans and Technical Specification, for which bids are to be opened at 1735 Montgomery Street, Oroville, California 95965 on **May 25, 2016 at 2:00 P.M.**

NOW, THEREFORE, if the Principal is awarded the contract and, within the time and manner required under the specifications, after the prescribed forms are presented to him/her for signature, enters into a written contract, in the prescribed form, in accordance with the bid, and files two bonds with the Obligee, one to guarantee faithful performance of the contract and the other to guarantee payment for labor and materials as provided by law, then this obligation shall be null and void; otherwise, it shall remain in full force.

In the event suit is brought upon this bond by the Obligee and judgment is recovered, the Surety shall pay all costs incurred by the Obligee in such suit, including a reasonable attorney's fee to be fixed by the court.

Dated: \_\_\_\_\_, 20 \_\_\_\_\_

*THIS DOCUMENT  
MUST BE NOTARIZED*

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Principal  
\_\_\_\_\_  
Surety

By: \_\_\_\_\_

Note: Correspondence or claims relating to this bond should be sent to the surety at the following address:

\_\_\_\_\_

## EQUAL OPPORTUNITY CERTIFICATION

The bidder and proposed subcontractor(s) hereby certify the he/she has \_\_\_\_\_, has not \_\_\_\_\_ participated in a previous contract or subcontract subject to the equal opportunity clauses, as required by Executive Orders 10925, 11114, or 11246, and that, where required, he/she has filed with the Joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

Notes: The bidder must place a checkmark after "has" or "has not" in one of the blank spaces provided above. The above Certification is part of the Bid. Signing this Bid on the signature portion of the Bid Schedule thereof shall also constitute signature of this certification. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract subject to the Executive Orders and have not filed the required reports should note that 41 CFR 60-1.7(b) (1) prevents the award of contracts and subcontracts unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

## NONCOLLUSION AFFIDAVIT

In conformance with Title 23 United States Code Section 112 and Public Contract Code 7106 the bidder declares that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

Note: The above Statement, Questionnaire, and Non-Collusion Affidavit are a part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Affidavit. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

## **PUBLIC CONTRACT CODE SECTION 10285.1 STATEMENT**

In accordance with Public contract Code Section 10285.1 (Chapter 376, Stats. 1985), the bidder hereby declares under penalty of perjury under the laws of the State of California that the bidder has \_\_\_\_, has not \_\_\_\_, been convicted within the preceding three years of any offenses referred to in that section, including any charge of fraud, bribery, collusion, conspiracy, or any other act in violation of any state or federal antitrust law in connection with the bidding upon, award of, or performance of, any public works contract, as defined in Public Contract Code Section 1101, with any public entity, as defined in Public Contract Code Section 1100, including the Regents of the University of California or the Trustees of the California State University. The term "bidder" is understood to include any partner, members, officer, director, responsible managing officer, or responsible managing employee thereof, as referred to in Section 10285.1.

Note: The bidder must place a checkmark after "has" or "has not" in one of the blank spaces provided. The above Statement is part of the Bid. Signing this Bid on the signature portion of the bid schedule thereof shall also constitute signature of this Statement. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

## PUBLIC CONTRACT CODE SECTION 10162 QUESTIONNAIRE

In accordance with Public Contract Code Section 10162, the Bidder shall complete, under penalty of perjury, the following questionnaire:

Has the bidder, any officer of the bidder, or any employee of the bidder who has a proprietary interest in the bidder, ever been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state, or local government project because of a violation of law or safety regulation?

YES \_\_\_\_\_ NO \_\_\_\_\_

If the answer is yes, explain the circumstances in the following space.

Note: The bidder must place a checkmark after "YES" or "NO" in one of the blank spaces provided. The above Questionnaire is part of the Bid. Signing this Bid on the signature portion of the bid schedule thereof shall also constitute signature of this Questionnaire. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

## **PUBLIC CONTRACT CODE SECTION 10232 STATEMENT**

In conformance with Public Contract Code Section 10232, the Contractor, hereby states under penalty of perjury, that no more than one final unappealable finding of contempt of court by a federal court has been issued against the Contractor within the immediately preceding two-year period because of the Contractor's failure to comply with an order of a federal court which orders the Contractor to comply with an order of the National Labor Relations Board.

Note: The above Statement is part of the Bid. Signing this Bid on the signature portion thereof shall also constitute signature of this Statement. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

## **DEBARMENT AND SUSPENSION CERTIFICATION**

### **TITLE 49, CODE OF FEDERAL REGULATIONS, PART 29**

The bidder, under penalty of perjury, certifies that, except as noted below, he/she or any other person associated therewith in the capacity of owner, partner, director, officer, manager:

- is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any Federal agency;
- has not been suspended, debarred, voluntarily excluded or determined ineligible by any Federal agency within the past 3 years;
- does not have a proposed debarment pending; and
- has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past 3 years.

If there are any exceptions to this certification, insert the exceptions in the following space.

Exceptions will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any exception noted above, indicate below to whom it applies, initiating agency, and dates of action.

Notes: Providing false information may result in criminal prosecution or administrative sanctions. The above certification is part of the Bid. Signing this Bid on the signature portion thereof shall also constitute signature of this Certification.

**NONLOBBYING CERTIFICATION  
FOR FEDERAL-AID CONTRACTS**

The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in conformance with its instructions.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.



**INSTRUCTIONS FOR COMPLETION OF SF-LLL,  
DISCLOSURE OF LOBBYING ACTIVITIES**

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of covered Federal action or a material change to previous filing pursuant to title 31 U.S.C. section 1352. The filing of a form is required for such payment or agreement to make payment to lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress an officer or employee of Congress or an employee of a Member of Congress in connection with a covered Federal action. Attach a continuation sheet for additional information if the space on the form is inadequate. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence, the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a follow-up report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last, previously submitted report by this reporting entity for this covered Federal action.
4. Enter the full name, address, city, state and zip code of the reporting entity. Include Congressional District if known. Check the appropriate classification of the reporting entity that designates if it is or expects to be a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the first tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in Item 4 checks "Subawardee" then enter the full name, address, city, state and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organization level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identification in item 1 (e.g., Request for Proposal (RFP) number, Invitation for Bid (IFB) number, grant announcement number, the contract grant. or loan award number, the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitments for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, state and zip code of the lobbying entity engaged by the reporting entity identified in item 4 to influenced the covered Federal action.  
(b) Enter the full names of the individual(s) performing services and include full address if different from 10 (a). Enter Last Name, First Name and Middle Initial (MI).
11. Enter the amount of compensation paid or reasonably expected to be paid by the reporting entity (item 4) to the lobbying entity (item 10). Indicate whether the payment has been made (actual) or will be made (planned). Check all boxes that apply. If this is a material change report, enter the cumulative amount of payment made or planned to be made.
12. Check the appropriate box. Check all boxes that apply. If payment is made through an in-kind contribution, specify the nature and value of the in-kind payment.
13. Check the appropriate box. Check all boxes that apply. If other, specify nature.
14. Provide a specific and detailed description of the services that the lobbyist has performed or will be expected to perform and the date(s) of any services rendered. Include all preparatory and related activity not just time spent in actual contact with Federal officials. Identify the Federal officer(s) or employee(s) contacted or the officer(s) employee(s) or Member(s) of Congress that were contacted.
15. Check whether or not a continuation sheet(s) is attached.
16. The certifying official shall sign and date the form, print his/her name title and telephone number.



**INSTRUCTIONS - LOCAL AGENCY BIDDER  
DBE COMMITMENT (CONSTRUCTION CONTRACTS)**

**ALL BIDDERS:**

**PLEASE NOTE: This information may be submitted with your bid. If it is not, and you are the apparent low bidder or the second or third low bidder, it must be submitted and received as specified in the Special Provisions. Failure to submit the required DBE commitment will be grounds for finding the bid nonresponsive**

The form requires specific information regarding the construction contract: Local Agency, Location, Project Description, Total Contract Amount, Bid Date, Bidder's Name, and Contract DBE Goal.

The form has a column for the Contract Item Number and Item of Work and Description or Services to be Subcontracted or Materials to be provided by DBEs. Prime contractors shall indicate all work to be performed by DBEs including, if the prime is a DBE, work performed by its own forces, if a DBE. The DBE shall provide a certification number to the Contractor and expiration date. Enter the DBE prime's and subcontractors' certification numbers. The form has a column for the Names of DBE contractors to perform the work (who must be certified on the date bids are opened and include the DBE address and phone number).

**IMPORTANT:** Identify **all** DBE firms participating in the project regardless of tier. Names of the First-Tier DBE Subcontractors and their respective item(s) of work listed should be consistent, where applicable, with the names and items of work in the "List of Subcontractors" submitted with your bid.

There is a column for the DBE participation dollar amount. Enter the Total Claimed DBE Participation dollars and percentage amount of items of work submitted with your bid pursuant to the Special Provisions. (If 100% of item is not to be performed or furnished by the DBE, describe exact portion of time to be performed or furnished by the DBE.) See Section "Disadvantaged Business Enterprise (DBE)," of the Special Provisions (construction contracts), to determine how to count the participation of DBE firms.

Exhibit 15-G must be signed and dated by the person bidding. Also list a phone number in the space provided and print the name of the person to contact.

**Local agencies** should complete the Local Agency Contract Award, Federal-aid Project Number, Federal Share, Contract Award Date fields and verify that all information is complete and accurate before signing and filing.

**EXHIBIT 15-H DBE INFORMATION —GOOD FAITH EFFORTS**

**DBE INFORMATION - GOOD FAITH EFFORTS**

Federal-aid Project No. CML 5142(032)

Bid Opening Date: May 25, 2016

The City of Oroville established a Disadvantaged Business Enterprise (DBE) goal of 20% for this project. The information provided herein shows that a good faith effort was made.

Lowest, second lowest and third lowest bidders shall submit the following information to document adequate good faith efforts. Bidders should submit the following information even if the “Local Agency Bidder DBE Commitment” form indicates that the bidder has met the DBE goal. This will protect the bidder’s eligibility for award of the contract if the administering agency determines that the bidder failed to meet the goal for various reasons, e.g., a DBE firm was not certified at bid opening, or the bidder made a mathematical error.

Submittal of only the “Local Agency Bidder DBE Commitment” form may not provide sufficient documentation to demonstrate that adequate good faith efforts were made.

The following items are listed in the Section entitled “Submission of DBE Commitment” of the Special Provisions:

- A. The names and dates of each publication in which a request for DBE participation for this project was placed by the bidder (please attach copies of advertisements or proofs of publication):

<u>Publications</u>	<u>Dates of Advertisement</u>

- B. The names and dates of written notices sent to certified DBEs soliciting bids for this project and the dates and methods used for following up initial solicitations to determine with certainty whether the DBEs were interested (please attach copies of solicitations, telephone records, fax confirmations, etc.):

<u>Names of DBEs Solicited</u>	<u>Date of Initial Solicitation</u>	<u>Follow Up Methods and Dates</u>

- C. The items of work which the bidder made available to DBE firms including, where appropriate, any breaking down of the contract work items (including those items normally performed by the bidder with its own forces) into economically feasible units to facilitate DBE participation. It is the bidder's responsibility to demonstrate that sufficient work to facilitate DBE participation was made available to DBE firms.

Items of Work	Bidder Normally Performs Item (Y/N)	Breakdown of Items	Amount (\$)	Percentage Of Contract

D. The names, addresses and phone numbers of rejected DBE firms, the reasons for the bidder's rejection of the DBEs, the firms selected for that work (please attach copies of quotes from the firms involved), and the price difference for each DBE if the selected firm is not a DBE:

Names, addresses and phone numbers of rejected DBEs and the reasons for the bidder's rejection of the DBEs:

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Names, addresses and phone numbers of firms selected for the work above:

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E. Efforts made to assist interested DBEs in obtaining bonding, lines of credit or insurance, and any technical assistance or information related to the plans, specifications and requirements for the work which was provided to DBEs:

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F. Efforts made to assist interested DBEs in obtaining necessary equipment, supplies, materials or related assistance or services, excluding supplies and equipment the DBE subcontractor purchases or leases from the prime contractor or its affiliate:

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G. The names of agencies, organizations or groups contacted to provide assistance in contacting, recruiting and using DBE firms (please attach copies of requests to agencies and any responses received, i.e., lists, Internet page download, etc.):

Name of Agency/Organization	Method/Date of Contact	Results

H. Any additional data to support a demonstration of good faith efforts (use additional sheets if necessary):

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**NOTE:** USE ADDITIONAL SHEETS OF PAPER IF NECESSARY.

## Exhibit 12-B Bidder's List of Subcontractors (DBE and Non-DBE)

### Part I

THE BIDDER SHALL LIST ALL SUBCONTRACTORS (BOTH DBE AND NON-DBE) IN ACCORDANCE WITH SECTION 2-1.054 OF THE STANDARD SPECIFICATIONS AND PER TITLE 49, SECTION 26.11 OF THE CODE OF FEDERAL REGULATIONS. THIS LISTING IS REQUIRED IN ADDITION TO LISTING DBE SUBCONTRACTORS ELSEWHERE IN THE PROPOSAL. **PHOTOCOPY THIS FORM FOR ADDITIONAL FIRMS.**

FIRM NAME/ ADDRESS/ CITY, STATE, ZIP	PHONE/ FAX	ANNUAL GROSS RECEIPTS	DESCRIPTION OF PORTION OF WORK TO BE PERFORMED	LOCAL AGENCY USE ONLY (CERTIFIED DBE?)
<i>NAME</i>	<i>PHONE</i>	<input type="checkbox"/> < \$1 MILLION		<input type="checkbox"/> YES
		<input type="checkbox"/> < \$5 MILLION		<input type="checkbox"/> NO
<i>ADDRESS</i>	<i>FAX</i>	<input type="checkbox"/> < \$10 MILLION		<i>IF YES LIST DBE #:</i>
		<input type="checkbox"/> < \$15 MILLION		
<i>CITY STATE ZIP</i>		<input type="checkbox"/> > \$15 MILLION		AGE OF FIRM (YRS.)
<i>NAME</i>	<i>PHONE</i>	<input type="checkbox"/> < \$1 MILLION		<input type="checkbox"/> YES
		<input type="checkbox"/> < \$5 MILLION		<input type="checkbox"/> NO
<i>ADDRESS</i>	<i>FAX</i>	<input type="checkbox"/> < \$10 MILLION		<i>IF YES LIST DBE #:</i>
		<input type="checkbox"/> < \$15 MILLION		
<i>CITY STATE ZIP</i>		<input type="checkbox"/> > \$15 MILLION		AGE OF FIRM (YRS.)
<i>NAME</i>	<i>PHONE</i>	<input type="checkbox"/> < \$1 MILLION		<input type="checkbox"/> YES
		<input type="checkbox"/> < \$5 MILLION		<input type="checkbox"/> NO
<i>ADDRESS</i>	<i>FAX</i>	<input type="checkbox"/> < \$10 MILLION		<i>IF YES LIST DBE #:</i>
		<input type="checkbox"/> < \$15 MILLION		
<i>CITY STATE ZIP</i>		<input type="checkbox"/> > \$15 MILLION		AGE OF FIRM (YRS.)
<i>NAME</i>	<i>PHONE</i>	<input type="checkbox"/> < \$1 MILLION		<input type="checkbox"/> YES
		<input type="checkbox"/> < \$5 MILLION		<input type="checkbox"/> NO
<i>ADDRESS</i>	<i>FAX</i>	<input type="checkbox"/> < \$10 MILLION		<i>IF YES LIST DBE #:</i>
		<input type="checkbox"/> < \$15 MILLION		
<i>CITY STATE ZIP</i>		<input type="checkbox"/> > \$15 MILLION		AGE OF FIRM (YRS.)

## Exhibit 12-B Bidder's List of Subcontractors (DBE and Non-DBE)

### Part II

THE BIDDER SHALL LIST ALL SUBCONTRACTORS WHO PROVIDED A QUOTE OR BID BUT WERE NOT SELECTED TO PARTICIPATE AS A SUBCONTRACTOR ON THIS PROJECT. THIS IS REQUIRED FOR COMPLIANCE WITH TITLE 49, SECTION 26 OF THE CODE OF FEDERAL REGULATIONS. PHOTOCOPY THIS FORM FOR ADDITIONAL FIRMS.

FIRM NAME/ ADDRESS/ CITY, STATE, ZIP	PHONE/ FAX	ANNUAL GROSS RECEIPTS	DESCRIPTION OF PORTION OF WORK TO BE PERFORMED	LOCAL AGENCY USE ONLY (CERTIFIED DBE?)
<i>NAME</i>	<i>PHONE</i>	<input type="checkbox"/> < \$1 MILLION		<input type="checkbox"/> YES
		<input type="checkbox"/> < \$5 MILLION		<input type="checkbox"/> NO
<i>ADDRESS</i>	<i>FAX</i>	<input type="checkbox"/> < \$10 MILLION		<i>IF YES LIST DBE #:</i>
		<input type="checkbox"/> < \$15 MILLION		<i>AGE OF FIRM (YRS.)</i>
<i>CITY STATE ZIP</i>		<input type="checkbox"/> > \$15 MILLION		
<i>NAME</i>	<i>PHONE</i>	<input type="checkbox"/> < \$1 MILLION		<input type="checkbox"/> YES
		<input type="checkbox"/> < \$5 MILLION		<input type="checkbox"/> NO
<i>ADDRESS</i>	<i>FAX</i>	<input type="checkbox"/> < \$10 MILLION		<i>IF YES LIST DBE #:</i>
		<input type="checkbox"/> < \$15 MILLION		<i>AGE OF FIRM (YRS.)</i>
<i>CITY STATE ZIP</i>		<input type="checkbox"/> > \$15 MILLION		
<i>NAME</i>	<i>PHONE</i>	<input type="checkbox"/> < \$1 MILLION		<input type="checkbox"/> YES
		<input type="checkbox"/> < \$5 MILLION		<input type="checkbox"/> NO
<i>ADDRESS</i>	<i>FAX</i>	<input type="checkbox"/> < \$10 MILLION		<i>IF YES LIST DBE #:</i>
		<input type="checkbox"/> < \$15 MILLION		<i>AGE OF FIRM (YRS.)</i>
<i>CITY STATE ZIP</i>		<input type="checkbox"/> > \$15 MILLION		
<i>NAME</i>	<i>PHONE</i>	<input type="checkbox"/> < \$1 MILLION		<input type="checkbox"/> YES
		<input type="checkbox"/> < \$5 MILLION		<input type="checkbox"/> NO
<i>ADDRESS</i>	<i>FAX</i>	<input type="checkbox"/> < \$10 MILLION		<i>IF YES LIST DBE #:</i>
		<input type="checkbox"/> < \$15 MILLION		<i>AGE OF FIRM (YRS.)</i>
<i>CITY STATE ZIP</i>		<input type="checkbox"/> > \$15 MILLION		

## PROJECT CONTRACT

**THIS PROJECT CONTRACT** (the "contract" or "Contract"), is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, by and between City of Oroville (referred to herein as the "Owner" or the "City") and \_\_\_\_\_ (the "Contractor").

**WITNESSETH:** That the parties hereto have mutually covenanted and agreed, and by these presents do covenant and agree with each other as follows:

### **1. THE CONTRACT DOCUMENTS.**

The complete contract is comprised of and may or may not include: Invitation for Bids; Information for Bidders; Bid Schedule; Proposal Form; Bidder's Bond; Contract; General Conditions; Special Provisions; Technical Provisions; Payment Bond; Performance Bond; Notice of Award; Notice to Proceed; Change Orders; Supplemental Drawings Issued; Drawings; Specifications and Contract Documents; All addenda or bulletins issued during the time of bidding or forming a part of the documents loaned to the bidder for preparation of the bid; The complete plans and provisions, regulations, ordinances, codes, and laws incorporated therein or herein by reference or otherwise applicable to the Project.

All of the above documents are intended to cooperate so that any work called for in one and not mentioned in the other, or vice versa, is to be executed the same as if mentioned in all said documents. The documents comprising the complete contract are hereinafter referred to collectively as the Contract Documents.

### **2. THE WORK.**

Contractor agrees to furnish all tools, apparatus, facilities, equipment, labor and materials (except that specifically mentioned as being furnished by others) necessary to perform and complete the work in a "good and workmanlike manner" as called for, and in the manner designated in, and in strict conformity with the Plans, Detail Specifications, and other Contract Documents which are identified by the signatures of the parties to this Contract and are, collectively, entitled:

#### **TABLE MOUNTAIN BOULEVARD ROUNDABOUT**

### **3. CONTRACT PRICE.**

The City agrees to pay and the Contractor agrees to accept, in full payment for the work above agreed to be done, the following compensation: \$\_\_\_\_\_. In no event shall Contractor's compensation exceed the amount of \$\_\_\_\_\_ without additional written authorization from the City. Payment by City under this Agreement shall not be deemed a waiver of defects in Consultant's services, even if such defects were known to the City at the time of payment

For the purpose of fixing the amount of bonds referred to in the Instructions to Bidders, it is estimated by both Parties that the total contract price shall be based on the Contractor's Base Bid amount.

### **4. DISPUTES PERTAINING TO PAYMENT FOR WORK.**

Should any dispute arise respecting the true value of any work done or any work omitted, or of any extra work which the Contractor may be required to do, or respecting the size of any payment to the Contractor during the performance of this Contract, the dispute shall be informally mediated between the parties. Following such mediation, either party may file an action exclusively in the Butte County Superior Court or in the United States District Court, Eastern District of California. Under no condition shall there be a cessation of work by the Contractor during any such dispute. This article does not exclude recovery of damages by either party for delays.

**5. PAYMENT.**

Not later than the 20th day of each calendar month, the Contractor shall make a partial payment request to the City on the basis of an estimate approved by the Engineer of the work performed since the last partial payment request during the preceding month by the Contractor with five percent (5%) of the amount of each such estimate retained by the City, until completion of the Project and the recordation of a Notice of Completion of all work covered by this Contract. The City shall make any partial payments provided for in this contract to the Contractor within 30 days of the City's receipt of an undisputed and properly executed partial payment request from the Contractor. The City shall pay the Contractor interest on the amount of any portion of a partial payment, excluding retention amounts, not made to the Contractor within 30 days of the City's receipt of an undisputed and properly executed partial payment request from the Contractor at the legal rate set forth in California Code of Civil Procedure Section 685.010. Upon receipt of a partial payment request from the Contractor, the City shall review the partial payment request for the purpose of determining whether or not the partial payment request is a proper partial payment request. Any partial payment request determined by the City not to be a proper partial payment request suitable for payment shall be returned to the Contractor by the City within 14 days of the City's receipt of such partial payment request. A partial payment request returned to the Contractor by the City under the provisions of this section shall be accompanied by a written document setting forth the reason(s) why the partial payment request is not proper. The number of days for the City to make a certain partial payment provided for in this Contract, without incurring interest pursuant to this section, shall be reduced by the number of days by which the City exceeds the 14 day return period for such partial payment request, if determined to be improper, as set forth in this section. For the purposes of this section, a "partial payment" means all payments due to the Contractor under this contract, exclusive of that portion of the final payment designated as retention earnings. Also, for the purposes of this section, a partial payment request shall be considered properly executed by the City, if funds are available to pay the partial payment request and payment is not delayed due to an audit inquiry by the City's financial officer. The City will release Contractor's retention earnings within 45 days after recordation of Notice of Completion, as defined in California Civil Code Section 3093. Recordation of a Notice of Completion for the Project by the City shall constitute the City's acceptance of the Project work.

**6. TIME FOR COMPLETION.**

All work under this contract shall be completed within a period of 95 working days from the date of the Contractor's receipt of a Notice to Proceed from the City.

**7. EXTENSION OF TIME.**

If the Contractor is delayed by acts of negligence of the City, or its employees or those under it by contract or otherwise, or by changes ordered in the work, or by strikes, lockouts, fire, unavoidable casualties, or any causes beyond the Contractor's control, or by delay authorized by the City, or by any justifiable cause which the Engineer shall authorize, then the Contractor shall make out a written claim addressed to the City setting forth the reason for the delay and the extension of the time requested and forward a copy of the claim to the Engineer for approval. The Engineer will evaluate the claim and if the claim is justifiable, will request the City's approval. No such extension will be allowed unless written claim therefore has been made within 3 days after the delay became apparent.

If the Contractor fails or refuses to complete the work within the time specified, including authorized extensions, there shall be deducted from monies due the Contractor, not as a penalty, but as liquidated damages the sum of One Hundred Dollars (\$100.00) for each calendar day subsequent to the time specified for each project and the time the work is actually completed and

accepted. Delays caused by adverse weather conditions or conditions for which the Owner is clearly responsible will be added to the contract time.

**8. LABOR PROVISIONS.**

The project is subject to both federal and state prevailing wages. The Contractor shall pay laborers the higher of either the federal or state prevailing wage rate determination for the trades to be utilized. The contractor and all subcontractors on the project shall complete electronic reporting of prevailing wage rate reports through the Department of Industrial Relations, with copies of such reports to be provided to the City.

**9. CONTRACT WORK HOURS AND SAFETY STANDARDS REQUIREMENTS.**

As used in the following provision, the term "laborers" and "mechanics" include watchmen and guards.

a. Overtime Requirements. Neither the Contractor nor any subcontractor contracting for any part of the Project which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek, whichever is greater.

b. Violation; Liability for Unpaid Wages; Liquidated Damages. In the event of any violation of the clause set forth in paragraph a. above, the Contractor and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, the Contractor and subcontractor shall be liable to the City for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph a. above, in the sum of \$100 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph a. above.

c. Withholding for Unpaid Wages and Liquidated Damages. The City shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any monies payable on account of work performed by the Contractor or subcontractor under any such contract or any other Federal contract with the same Contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same Contractor, such sums as may be determined to be necessary to satisfy any liabilities of such Contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph b. above.

d. Working conditions. Neither the Contractor nor any subcontractor may require any laborer or mechanic employed in the performance of any contract to work in surroundings or under working conditions that are unsanitary, hazardous or dangerous to his health or safety as determined under construction safety and health standards (29 CFR Part 1926) issued by the Department of Labor.

e. Subcontracts. The Contractor and any subcontractor shall insert in any subcontracts the clauses set forth in paragraphs a. through d. and also a clause requiring the subcontractor to include these clauses in any lower tier subcontracts. The Contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs a. through d.

**10. NONDISCRIMINATION.**

The Contractor, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The Contractor shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.

**11. DISADVANTAGED BUSINESS ENTERPRISE PROGRAM PROVISIONS.**

The Contractor, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the Contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as recipient deems appropriate. The City has established a 20% DBE goal for this project. Attention is directed to bidders of the requirement to conduct and document the good faith efforts on Exhibits 15-H and 12-B of the bidding documents to employ DBE's during the bid phase of the project.

The Contractor agrees to pay each subcontractor under this contract for satisfactory performance of its contract no later than 10 days from the receipt of each payment the Contractor receives from City. The Contractor agrees further to return retainage payments to each subcontractor within 30 days after the subcontractor's work is satisfactorily completed. Any delay or postponement of payment from the above referenced time frame may occur only for good cause following written approval of the City. This clause applies to both DBE and non-DBE subcontractors.

**12. CIVIL RIGHTS.**

The Contractor assures that it will comply with pertinent statutes, Executive Orders and such rules as are promulgated to assure that no person shall, on the grounds of race, creed, color, national origin, sex, age or handicap be excluded from participating in any activity conducted with or benefiting from Federal assistance. This Provision binds the Contractor from the bid solicitation period through the completion of the contract. This provision shall be inserted in all subcontracts, subleases and other agreements at all tiers.

**13. SOLICITATIONS FOR SUBCONTRACTS, INCLUDING PROCUREMENTS OF MATERIALS AND EQUIPMENT.**

In all solicitations either by competitive bidding or negotiation made by the Contractor for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier shall be notified by the Contractor of the Contractor's obligations under this contract and the Regulations relative to nondiscrimination on the grounds of race, color or national origin.

**14. INFORMATION AND REPORTS.**

The 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 City to be pertinent to ascertain compliance with such Regulations, orders, and instructions. Where any information required of a Contractor is in the exclusive possession of another who fails or refuses to furnish this information, the Contractor shall so certify to the City and shall set forth what efforts it has made to obtain the information.

**15. SANCTIONS FOR NONCOMPLIANCE.**

In the event of the Contractor's noncompliance with the nondiscrimination provisions of this contract, the City shall impose such contract sanctions as it may determine to be appropriate, including but not limited to:

- a. Withholding of payments to the Contractor under the contract until the Contractor complies, and/or
- b. Cancellation, termination or suspension of the contract, in whole or in part.

**16. INSPECTION OF RECORDS.**

The Contractor shall maintain an acceptable cost accounting system. The City, the Federal Aviation Administration, the Comptroller General of the United States or any of their duly authorized representatives shall have access to any books, documents, paper, and records of the Contractor which are directly pertinent to this Contract or the Project for the purposes of making an audit, examination, excerpts, and transcriptions. The Contractor shall maintain all required records for 3 years after the City makes final payment and all other pending matters are closed.

**17. RIGHTS IN INVENTIONS.**

All rights to inventions and materials, if any, generated under this contract are subject to regulations issued by the City. Information regarding these rights is available from the City.

**18. BREACH OF CONTRACT TERMS.**

Any violation or breach of terms of this Contract on the part of the Contractor or its subcontractors may result in the suspension or termination of this Contract or such other action that may be necessary to enforce the rights of the City under this Contract. The duties and obligations imposed by the Contract Documents and the rights and remedies available thereunder shall be in addition to and not a limitation of any duties, obligations, rights and remedies otherwise imposed or available by law.

**19. TERMINATION OF CONTRACT BY CITY**

a. The City may, by written notice, terminate this Contract in whole or in part at any time, either for the City's convenience or because of the Contractor's failure to fulfill its contract obligations. Upon receipt of such notice, services shall be immediately discontinued (unless the notice directs otherwise) and all materials as may have been accumulated in performing this Contract, whether completed or in process, delivered to the City.

b. If the termination is for the convenience of the City, an equitable adjustment in the contract price shall be made, but no amount shall be allowed for anticipated profit on unperformed services.

c. If the termination is due to failure to fulfill the Contractor's obligations, the City may take over the work and prosecute the same to completion by contract or otherwise. In such case, the Contractor shall be liable to the City for any additional cost occasioned to the City thereby.

d. If, after notice of termination for failure to fulfill contract obligations, it is determined that the Contractor had not so failed, the termination shall be deemed to have been effected for the convenience of the City. In such event, adjustment in the contract price shall be made as provided in the second paragraph of this clause.

e. The rights and remedies of the City provided in this clause are in addition to any other rights and remedies provided by law or under this contract.

**20. INCORPORATION OF PROVISIONS.**

The Contractor shall include the provisions of this contract in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations of directives issued pursuant thereto. The Contractor shall take such action with respect to any subcontract or procurement as the City may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, however, that in the event the Contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the Contractor may request the City to enter into such litigation to protect the interests of the City and, in addition, the Contractor may request the United States to enter into such litigation to protect the interests of the United States.

**21. CONTRACTOR CLAIMS OF \$375,000 OR LESS.**

Claims by the Contractor relating to the Project for (a) a time extension, (b) money or damages arising from work done by, or on behalf of, the Contractor on the Project for which payment is not expressly provided for or to which the Contractor is not otherwise entitled, or (c) an amount that is disputed by the City, with a value of \$375,000 or less, are subject to the claims procedures set forth in California Public Contract Code Sections 20104, et seq., except as otherwise provided in this Contract and the incorporated documents, conditions and specifications.

**22. LOBBYING AND INFLUENCING FEDERAL EMPLOYEES.**

a. No Federal appropriated funds shall be paid, by or on behalf of the Contractor or its subcontractors, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the making of any Federal grant or the amendment or modification of any Federal grant.

a. If any funds other than Federal appropriated funds have been paid or will be paid by the Contractor or its subcontractors to any person for influencing or attempting to influence an officer or employee of the City, any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with any Federal grant, the contractor shall complete and submit Standard Form-LLL, "Disclosure of Lobby Activities," in accordance with its instructions.

**23. ASSIGNMENT OF CERTAIN RIGHTS TO THE CITY.**

In entering into this Contract or a subcontract to supply goods, services, or materials pursuant to this Contract, the Contractor and/or subcontractor offers and agrees to assign to the City all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services, or materials pursuant to this Contract or the subcontract. This assignment shall be made and become effective at the time the City tenders final payment to the Contractor, without further acknowledgement by the parties.

**24. ENERGY CONSERVATION REQUIREMENTS**

The contractor agrees to comply with mandatory standards and policies relating to energy efficiency that are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Public Law 94-163)

**IN WITNESS WHEREOF**, two identical counterparts of this Contract, each of which shall for all purposes be deemed an original thereof, have been duly executed by the parties hereinabove named, on the day and year first herein written.

AGENCY: City of Oroville (First Party)

By: \_\_\_\_\_  
(Linda L. Dahlmeier)

\_\_\_\_\_  
Mayor  
(Official Title)

CONTRACTOR: \_\_\_\_\_ (Second Party)

By: \_\_\_\_\_  
(Authorized Representative)

\_\_\_\_\_  
(Official Title)

**FORM OF PERFORMANCE BOND**

KNOW ALL PERSONS BY THESE PRESENTS: That WHEREAS, the City of Oroville, California hereinafter called City, on \_\_\_\_\_, 20\_\_\_\_\_, awarded

\_\_\_\_\_  
Name and Address of Contractor

hereinafter designated as the "Principal", the contract for:

**TABLE MOUNTAIN BOULEVARD ROUNDABOUT**

NOW THEREFORE, we the Principal, and \_\_\_\_\_  
\_\_\_\_\_ as Surety, are held and firmly  
bound unto \_\_\_\_\_,  
\_\_\_\_\_, in the penal sum of \_\_\_\_\_  
\_\_\_\_\_ Dollars (\$\_\_\_\_\_)

lawful money of the United States, for the payment of which sum we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, if the above bounden Principal, his/her or its heirs, executors, administrators, successors or assign, shall in all things stand to and abide by and keep and perform the covenants, conditions and agreements in the said contract and any alteration thereof made as therein provided, on his/her or their part, to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify and save harmless the City, its officers and agents, as therein stipulated, then this obligation shall become null and void: otherwise, it shall be and remain in full force and virtue, and also in case suit is brought upon such bond, the above bounden principal and the said surety will pay a reasonable attorney's fee which shall be awarded by the court to the prevailing party in said suit, said attorney's fee to be taxed as costs in said suit and to be included in the judgment therein rendered.

And the surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to the work to be performed or materials and/or equipment to be furnished thereunder or the Specifications accompanying the same, shall in anywise affect its obligations on this bond; and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the work or to the Specifications.

IN WITNESS WHEREOF three identical counterparts of this instrument, each of which shall for all purposes be deemed an original thereof, have been duly executed by the Principal and Surety above named, on the day of \_\_\_\_\_, 20\_\_.

By \_\_\_\_\_

By \_\_\_\_\_

\_\_\_\_\_  
Surety

\_\_\_\_\_  
Contractor



# ATTACHMENT NO. 1

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

LOCALITY: BUTTE COUNTY  
DETERMINATION: BUT-2016-1

CRAFT (JOURNEY LEVEL)	ISSUE DATE	EXPIRATION DATE	EMPLOYER PAYMENTS						STRAIGHT-TIME		OVERTIME HOURLY RATE		
			BASIC HOURLY RATE	HEALTH AND WELFARE	PENSION	VACATION/HOLIDAY	TRAINING	OTHER PAYMENTS	HOURS	TOTAL HOURLY RATE	DAILY	SATURDAY	SUNDAY AND HOLIDAY
# BRICKLAYER, BLOCKLAYER: BRICKLAYER, BLOCKLAYER, STONEMASON # PUNIER, CLEANER, CHALKER, WATERPROOFER	2/22/2016	04/30/2016**	A 34.810	9.790	9.140	B 2.500	0.800	C 1,210	D 8.0	58.250	E 76.900	E 76.900	95.560
	8/22/2015	06/30/2016**	A 38.830	9.790	8.990	F -	1.390	0.400	D 8.0	59.400	78.820	G 78.820	98.230
# BRICK TENDER	8/22/2015	06/30/2016**	H 32.270	7.540	10.180	F -	0.410	0.300	D 8.0	50.700	E 66.830	E 66.830	82.970
# CARPET, LINOLEUM, RESILIENT TILE LAYER	2/22/2016	12/31/2016**	A 32.860	9.950	8.860	I -	0.600	0.110	8.0	52.380	J 68.810	J 68.810	K 85.240
# ELECTRICIAN: COMM & SYSTEM INSTALLER	2/22/2016	11/30/2016**	27.850	10.050	L 2.700	-	1.100	M 0.110	8.0	42.790	57.200	57.200	71.610
COMM & SYSTEM TECH, INSIDE WIREMAN	2/22/2016	11/30/2016**	32.030	10.050	L 2.700	-	1.100	M 0.110	8.0	47.110	63.690	63.690	80.260
CABLE SPLICER	2/22/2016	05/31/2016**	39.060	11.630	L 5.000	F -	1.240	N 5.470	8.0	64.200	84.630	84.630	105.050
	2/22/2016	05/31/2016**	42.970	11.630	L 5.000	F -	1.240	N 5.470	8.0	68.290	90.760	90.760	113.240
# FIELD SURVEYOR: O CHIEF OF PARTY	2/22/2016	02/28/2017**	38.750	13.380	P 11.280	Q 3.690	0.820	0.160	8.0	68.080	R 87.460	S 87.460	106.830
O INSTRUMENTMAN	2/22/2016	02/28/2017**	35.660	13.380	P 11.280	Q 3.690	0.820	0.160	8.0	64.990	R 82.820	S 82.820	100.650
O CHAINMAN/RODMAN	2/22/2016	02/28/2017**	32.780	13.380	P 11.280	Q 3.690	0.820	0.160	8.0	62.110	R 78.500	S 78.500	94.890
# GLAZIER	2/22/2016	12/31/2016**	A 34.520	9.950	T 14.010	-	0.590	U 0.380	8.0	59.450	V 76.710	93.970	93.970
# W MARBLE FINISHER	8/22/2015	07/31/2016**	X 30.220	9.790	3.930	I -	0.450	0.550	8.0	44.940	Y 60.050	75.160	75.160
# W MARBLE MASON	8/22/2015	07/31/2016**	X 40.410	9.790	14.390	I -	0.800	0.770	8.0	66.160	Y 86.360	106.570	106.570
# PAINTER: BRUSH, SPRAY, PAPERHANGER SANDBLASTER, STEAM CLEANER, WATERBLASTER	2/22/2016	12/31/2016**	Z 31.780	9.950	6.890	I -	0.390	0.360	D 8.0	49.370	65.260	AA 65.260	81.150
	2/22/2016	12/31/2016**	Z 32.380	9.950	6.890	I -	0.390	0.360	D 8.0	49.970	66.160	AA 66.160	82.350
EXOTIC MATERIALS	2/22/2016	12/31/2016**	Z 32.780	9.950	6.890	I -	0.390	0.360	D 8.0	50.370	66.760	AA 66.760	83.150
TAPER	2/22/2016	06/30/2016**	AB 38.660	9.950	11.100	I -	0.460	0.500	8.0	60.670	80.000	D 80.000	AA 99.330
AC TAPER CLEAN-UP	2/22/2016	06/30/2016*	AD 15.430	9.950	-	-	-	-	8.0	25.380	33.100	D 33.100	AA 40.810
# PLASTERER	8/22/2015	06/30/2016**	AE 31.010	13.030	8.930	3.000	1.080	1.150	8.0	58.200	72.830	AF 72.830	87.470
# PLASTER TENDER	8/22/2015	06/30/2016**	30.020	7.540	9.730	2.630	0.430	AG 1.030	8.0	51.380	J 66.390	J 66.390	81.400
# PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	2/22/2016	06/30/2016**	38.250	11.530	14.310	F -	1.800	2.420	8.0	68.310	E 87.430	E 87.430	106.560
UNDERGROUND UTILITY PIPEFITTER	8/22/2015	06/30/2016**	26.600	6.600	AH 3.000	2.000	0.450	0.600	D 8.0	39.250	52.550	52.550	65.850
LANDSCAPE PIPEFITTER	8/22/2015	06/30/2016**	26.600	6.600	AH 3.000	2.000	0.450	0.600	D 8.0	39.250	52.550	52.550	65.850
AI UNDERGROUND UTILITY ASSISTANT JOURNEYMAN	8/22/2015	06/30/2016**	15.600	6.600	AH 3.000	2.000	0.450	0.600	D 8.0	28.250	36.050	36.050	43.850
AI LANDSCAPE ASSISTANT JOURNEYMAN	8/22/2015	06/30/2016**	15.600	6.600	AH 3.000	2.000	0.450	0.600	D 8.0	28.250	36.050	36.050	43.850
AJ UNDERGROUND UTILITY TRADESMAN	8/22/2015	06/30/2016**	10.900	6.600	AH 3.000	2.000	0.450	0.600	D 8.0	23.550	29.000	29.000	34.450
AK LANDSCAPE TRADESMAN I	8/22/2015	06/30/2016**	10.550	6.600	AH -	2.000	0.450	0.600	D 8.0	20.200	25.480	25.480	30.750
AK LANDSCAPE TRADESMAN II	8/22/2015	06/30/2016**	10.900	6.600	AH 3.000	2.000	0.450	0.600	D 8.0	23.550	29.000	29.000	34.450
FIRE SPRINKLER FITTER (PROTECTION AND CONTROL SYSTEMS, OVERHEAD AND UNDERGROUND)	2/22/2016	03/31/2016*	35.570	8.770	AL 11.050	-	0.450	0.250	8.0	56.090	73.880	73.880	91.660
# ROOFER BITUMASTIC, ENAMELER, COAL TAR, PITCH AND MASTIC WORKER	8/22/2015	07/31/2016**	29.440	8.420	6.050	4.560	0.330	-	AM 8.0	48.800	J 63.520	J 63.520	78.240
	8/22/2015	07/31/2016**	32.190	8.420	6.050	4.560	0.330	-	AM 8.0	51.550	J 67.640	J 67.640	83.740

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

LOCALITY: BUTTE COUNTY  
DETERMINATION: BUT-2016-1

CRAFT (JOURNEY LEVEL)	ISSUE DATE	EXPIRATION DATE	EMPLOYER PAYMENTS								STRAIGHT-TIME		OVERTIME HOURLY RATE		
			BASIC HOURLY RATE	HEALTH AND WELFARE	PENSION	VACATION/HOLIDAY	TRAINING	OTHER PAYMENTS	HOURS	TOTAL HOURLY RATE	DAILY	SATURDAY	SUNDAY AND HOLIDAY		
# SHEET METAL WORKER MECHANICAL JOB WHERE COST OF PROJECT IS \$500,000 OR UNDER	8/22/2015	06/30/2016*	A 40.070	11.650	AN 20.720	F -	0.790	0.790	8.0	74.020	E 95.180	E 95.180	116.340		
	8/22/2015	06/30/2016*	A 30.240	11.650	AN 18.260	F -	0.670	0.380	8.0	61.200	E 77.070	E 77.070	92.940		
# SHEET METAL WORKER (HVAC) METAL DECK & SIDING	2/22/2014	03/31/2014*	AO 38.430	11.530	16.960	-	0.820	-	8.0	67.740	86.960	86.960	86.960		
# AP TERRAZZO FINISHER	2/22/2016	06/30/2016**	AQ 33.780	9.790	5.140	F -	0.800	0.830	8.0	50.340	AR 65.120	AR 65.120	79.900		
# AP TERRAZZO WORKER	2/22/2016	06/30/2016**	AQ 41.010	9.790	14.940	F -	0.800	1.010	8.0	67.550	AR 85.370	AR 85.370	103.190		
# TILE FINISHER	8/22/2015	06/30/2016**	21.000	AS 6.300	0.750	A 1.500	0.350	0.100	8.0	30.000	34.200	34.200	44.700		
# TILE SETTER	8/22/2015	06/30/2016**	34.350	AS 8.300	AT 7.350	A 3.100	0.350	0.200	8.0	53.650	57.080	57.080	74.250		
WATER WELL DRILLER															
DRILLER, PUMP REPAIRMAN	8/22/2007	01/31/2008*	20.170	8.120	3.690	AU 0.800	-	-	8.0	32.780	AV 42.870	AV 42.870	AV 42.870		
PUMP INSTALLER	8/22/2007	01/31/2008*	17.860	8.120	3.690	AW 0.720	-	-	8.0	30.390	AV 39.320	AV 39.320	AV 39.320		
HELPER	8/22/2007	01/31/2008*	12.470	8.120	3.690	AX 0.530	-	-	8.0	24.810	AV 31.040	AV 31.040	AV 31.040		

FOOTNOTES

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

**LOCALITY: BUTTE COUNTY**

**DETERMINATION: BUT-2016-1**

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.

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.

INDICATES AN APPRENTICEABLE CRAFT. THE CURRENT APPRENTICE WAGE RATES ARE AVAILABLE ON THE INTERNET @ [HTTP://WWW.DIR.CA.GOV/OPRL/PWAPPWAGE/PWAPPWAGESTART.ASP](http://www.dir.ca.gov/oprl/pwappwage/pwappwagestart.asp). TO OBTAIN ANY APPRENTICE WAGE RATES AS OF JULY 1, 2008 AND PRIOR TO SEPTEMBER 27, 2012, PLEASE CONTACT THE DIVISION OF APPRENTICESHIP STANDARDS OR REFER TO THE DIVISION OF APPRENTICESHIP STANDARDS' WEBSITE AT [HTTP://WWW.DIR.CA.GOV/DAS/DAS.HTML](http://www.dir.ca.gov/das/das.html).

THE BASIC HOURLY RATE AND EMPLOYER PAYMENTS ARE NOT TAKEN FROM A COLLECTIVE BARGAINING AGREEMENT FOR THIS CRAFT OR CLASSIFICATION.

INCLUDES AMOUNT WITHHELD FOR DUES CHECK OFF.

INCLUDES AN AMOUNT FACTORED AT THE OVERTIME MULTIPLIER RATE.

INCLUDES AMOUNT FOR INDUSTRY PROMOTION FUND, INTERNATIONAL MASONRY INSTITUTE, LABOR MANAGEMENT COOPERATION COMMITTEE, AND VACATION TRUST FUND.

SATURDAYS IN THE SAME WORK WEEK MAY BE WORKED AT STRAIGHT-TIME IF JOB IS SHUT DOWN DURING THE NORMAL WORKWEEK DUE TO INCLEMENT WEATHER.

RATE APPLIES TO THE FIRST 2 DAILY OVERTIME HOURS AND THE FIRST 10 HOURS ON SATURDAY; ALL OTHER TIME IS PAID AT THE SUNDAY AND HOLIDAY OVERTIME HOURLY RATE.

INCLUDED IN STRAIGHT-TIME HOURLY RATE.

RATE APPLIES TO THE FIRST 10 HOURS WORKED ON SATURDAY. ALL OTHER HOURS ARE PAID AT THE SUNDAY/HOLIDAY RATE.

INCLUDES AMOUNT FOR VAC/HOL AND DUES CHECK OFF.

INCLUDED IN BASIC HOURLY RATE.

RATE APPLIES TO THE FIRST 4 DAILY OVERTIME HOURS AND THE FIRST 12 HOURS WORKED ON SATURDAY; ALL OTHER TIME IS PAID AT THE SUNDAY AND HOLIDAY OVERTIME HOURLY RATE.

DESIGNATED DAYS OFF SHALL BE PAID AT TIME AND ONE-HALF (1 1/2X). PLEASE REFER TO THE HOLIDAY PROVISION FOR A LIST OF DESIGNATED DAYS OFF.

IN ADDITION, AN AMOUNT EQUAL TO 3% OF THE BASIC HOURLY RATE IS ADDED TO THE TOTAL HOURLY RATE AND OVERTIME HOURLY RATES FOR THE NATIONAL EMPLOYEES BENEFIT BOARD.

IN ADDITION, AN AMOUNT EQUAL TO 0.5% OF THE BASIC HOURLY RATE, WHICH IS FACTORED AT THE APPLICABLE OVERTIME MULTIPLIER, IS ADDED TO THE TOTAL HOURLY RATE AND OVERTIME HOURLY RATES FOR THE ADMINISTRATIVE MAINTENANCE FUND.

IN ADDITION, AN AMOUNT EQUAL TO 1.6% OF THE BASIC HOURLY RATE, WHICH IS FACTORED AT THE APPLICABLE OVERTIME MULTIPLIER, IS ADDED TO THE TOTAL HOURLY RATE AND OVERTIME HOURLY RATES FOR THE CONTRACT ADMINISTRATION FUND.

ALL CREWS, WITHOUT CONSIDERATION TO THE NUMBER OF INDIVIDUALS IN THE CREW, SHALL INCLUDE A CHIEF OF PARTY. A CREW CONSISTS OF ONE (1) OR MORE EMPLOYEES PERFORMING FIELD AND CONSTRUCTION SURVEY WORK.

INCLUDES AN AMOUNT PER HOUR WORKED FOR ANNUITY TRUST FUND.

INCLUDES AN AMOUNT PER HOUR WORKED FOR SUPPLEMENTAL DUES.

RATE APPLIES TO THE FIRST 4 DAILY OVERTIME HOURS, MONDAY THROUGH FRIDAY. ALL OTHER OVERTIME IS PAID AT THE SUNDAY/HOLIDAY RATE.

RATE APPLIES TO THE FIRST 12 OVERTIME HOURS WORKED. ALL OTHER OVERTIME IS PAID AT THE SUNDAY/HOLIDAY RATE. IN THE EVENT IT IS NOT REASONABLY POSSIBLE TO COMPLETE 40 HOURS OF WORK ON AN 8 HOUR DAY, MONDAY THROUGH FRIDAY, THEN THE BALANCE OF THE 40 HOURS, UP TO 8 HOURS, MAY BE WORKED ON SATURDAY AT THE STRAIGHT-TIME RATE.

INCLUDES AN AMOUNT FOR THE INDIVIDUAL ACCOUNT RETIREMENT PLAN

INCLUDES AMOUNTS FOR INDUSTRY FUND, WORK PRESERVATION FUND, AND LABOR MANAGEMENT COOPERATION INITIATIVE

RATE APPLIES TO THE FIRST 2 DAILY OVERTIME HOURS AND FIRST 8 HOURS WORKED ON DESIGNATED DAYS OFF; ALL OTHER TIME IS PAID AT THE SATURDAY, SUNDAY AND HOLIDAY OVERTIME RATE.

EMPLOYEES WORKING ON ANY SUSPENDED PLATFORM/SCAFFOLD SHALL BE PAID AN ADDITIONAL \$20.00 PER DAY ABOVE THE WAGE RATE.

INCLUDES AN AMOUNT FOR DUES CHECK-OFF AND VACATION/HOLIDAY WHICH ARE FACTORED INTO OVERTIME RATES.

RATE APPLIES TO FIRST 2 OVERTIME HOURS MONDAY THROUGH FRIDAY; ALL OTHER OVERTIME IS PAID AT THE DOUBLE TIME RATE.

INCLUDES AN AMOUNT FOR DUES CHECK-OFF, WAGE EQUALITY DUES, ORGANIZING DUES, BENEFICIAL AND HOLIDAY.

DESIGNATED DAYS OFF SHALL BE PAID AT THE SATURDAY OVERTIME RATE; PLEASE REFER TO THE HOLIDAY PROVISIONS FOR A LIST OF DESIGNATED DAYS OFF.

INCLUDES AMOUNTS FOR VACATION AND DUES CHECK OFF

PLEASE NOTE THAT THE TAPER CLEAN-UP APPLIES ONLY TO THE TAPER CLASSIFICATION.

INCLUDES AN AMOUNT FOR DUES CHECK OFF

INCLUDES AMOUNT WITHHELD FOR DUES CHECK OFF. PLASTERS OPERATING AND WORKING BEHIND PLASTER GUNS SHALL RECEIVE AN ADDITIONAL \$2.00 PER DAY ABOVE THE WAGE RATE.

RATE APPLIES TO THE FIRST 8 HOURS WORKED; ALL OTHER TIME IS PAID AT THE SUNDAY AND HOLIDAY OVERTIME HOURLY RATE.

AMOUNT IS FOR VALLEY MORTAR TRADES FUND (\$1.00) AND INDUSTRY STABILIZATION FUND (\$0.03)

PURSUANT TO LABOR CODE SECTIONS 1773.1 AND 1773.8, THE AMOUNT PAID FOR THIS EMPLOYER PAYMENT MAY VARY RESULTING IN A LOWER TAXABLE BASIC HOURLY WAGE RATE, BUT THE TOTAL HOURLY RATES FOR STRAIGHT TIME AND OVERTIME MAY NOT BE LESS THAN THE GENERAL PREVAILING RATE OF PER DIEM WAGES.

THERE MUST BE AT LEAST ONE JOURNEYMAN PIPEFITTER PER CONTRACTOR ON EACH JOBSITE.

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

**LOCALITY: BUTTE COUNTY**

**DETERMINATION: BUT-2016-1**

THERE SHALL BE NO MORE THAN THREE TRADESMEN TO EVERY TWO JOURNEYMAN PIPEFITTER/ASSISTANT JOURNEYMAN PIPEFITTER COMBINATION EMPLOYED PER CONTRACTOR ON EACH JOBSITE.

THERE SHALL BE NO MORE THAN FOUR TRADESMEN TO EVERY TWO JOURNEYMAN PIPEFITTER/ASSISTANT JOURNEYMAN PIPEFITTER COMBINATION EMPLOYED PER CONTRACTOR ON EACH JOBSITE. MAINTENANCE WORK, BOTH DURING AND AFTER THE PLANT ESTABLISHMENT PERIOD, MAY BE PERFORMED BY LANDSCAPE TRADESMEN WITHOUT THE SUPERVISION OF A JOURNEYMAN PIPEFITTER.

INCLUDES AN AMOUNT FOR SUPPLEMENTAL PENSION FUND.

SATURDAYS IN THE SAME WORK WEEK MAY BE WORKED AT STRAIGHT TIME RATES IN THE EVENT THAT ADVERSE WEATHER CONDITIONS ON ONE OR MORE DAYS DURING THE REGULAR WORK WEEK PREVENT EMPLOYEES FROM WORKING.

INCLUDES AN AMOUNT FOR PENSION WHICH IS FACTORED AT THE APPLICABLE OVERTIME MULTIPLIER. PURSUANT TO LABOR CODE SECTIONS 1773.1 AND 1773.8, THE AMOUNT PAID FOR THIS EMPLOYER PAYMENT MAY VARY RESULTING IN A LOWER TAXABLE BASIC HOURLY WAGE RATE, BUT THE TOTAL HOURLY RATES FOR STRAIGHT TIME AND OVERTIME MAY NOT BE LESS THAN THE GENERAL PREVAILING RATE OF BASIC HOURLY RATE AND EMPLOYER PAYMENTS ARE BASED ON THE DAVIS-BACON WAGE DETERMINATION FOR THIS CRAFT.

THE RATIO OF TERRAZZO FINISHER HOURS TO TERRAZZO WORKER HOURS SHALL NOT EXCEED TWO (2) TO ONE (1).

INCLUDES AN AMOUNT FOR VACATION/DUES CHECK OFF WHICH IS NOT FACTORED IN THE OVERTIME RATES.

RATE APPLIES TO THE FIRST 2 DAILY OVERTIME HOURS AND THE FIRST 8 HOURS ON SATURDAY ONLY; ALL OTHER TIME IS PAID AT THE SUNDAY AND HOLIDAY OVERTIME HOURLY RATE.

THE AMOUNT FOR HEALTH & WELFARE IS NOT INCLUDED IN THE OVERTIME RATE.

INCLUDES AMOUNTS FOR DEFINED BENEFIT PENSION AND DEFINED CONTRIBUTION PENSION. THE AMOUNT FOR DEFINED BENEFIT PENSION IS NOT INCLUDED IN THE OVERTIME RATE.

RATE APPLIES TO FIRST TWO YEARS OF EMPLOYMENT ONLY; \$1.35 AFTER 2 YEARS; \$1.45 AFTER 5 YEARS; \$1.60 AFTER 10 YEARS

COMPUTATION IS BASED ON THE LOWEST VACATION AMOUNT. THESE RATES SHOULD BE INCREASED BY ANY ADDITIONAL VACATION/HOLIDAY PAY THAT IS REQUIRED.

RATE APPLIES TO FIRST TWO YEARS OF EMPLOYMENT ONLY; \$1.27 AFTER 2 YEARS; \$1.37 AFTER 5 YEARS; \$1.52 AFTER 10 YEARS.

RATE APPLIES TO FIRST TWO YEARS OF EMPLOYMENT ONLY; \$1.08 AFTER 2 YEARS; \$1.18 AFTER 5 YEARS; \$1.33 AFTER 10 YEARS.

**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 INTERNET AT [HTTP://WWW.DIR.CA.GOV/OPRL/PWD](http://www.dir.ca.gov/oprl/pwd). 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 INTERNET @ [HTTP://WWW.DIR.CA.GOV/OPRL/PWD](http://www.dir.ca.gov/oprl/pwd). TRAVEL AND/OR SUBSISTENCE REQUIREMENTS FOR CURRENT OR SUPERSEDED DETERMINATIONS MAY BE OBTAINED FROM THE OFFICE OF THE DIRECTOR - RESEARCH UNIT AT (415) 703-4774.

**BUT-2016-1-Determination**





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

**LOCALITY: BUTTE COUNTY**

**DETERMINATION: BUT-2016-1**

- THE PREDETERMINED INCREASE SHOWN IS TO BE ALLOCATED TO WAGES AND/OR EMPLOYER PAYMENTS. PLEASE CONTACT THE OFFICE OF THE DIRECTOR - RESEARCH UNIT AT (415) 703-4774 WHEN THE PREDETERMINED INCREASE BECOMES DUE TO CONFIRM THE DISTRIBUTION. PLEASE ALSO EXAMINE THE IMPORTANT NOTICES TO SEE IF ANY MODIFICATIONS HAVE BEEN ISSUED. AS THERE MAY BE REDUCTIONS TO PREDETERMINED INCREASES.
- A (415) 703-4774 WHEN THE PREDETERMINED INCREASE BECOMES DUE TO CONFIRM THE DISTRIBUTION. PLEASE ALSO EXAMINE THE IMPORTANT NOTICES TO SEE IF ANY MODIFICATIONS HAVE BEEN ISSUED. AS THERE MAY BE REDUCTIONS TO PREDETERMINED INCREASES.
  - B \$2.00 TO OTHER PAYMENTS (LMCC).
  - C ALL CREWS, WITHOUT CONSIDERATION TO THE NUMBER OF INDIVIDUALS IN THE CREW, SHALL INCLUDE A CHIEF OF PARTY. A CREW CONSISTS OF ONE (1) OR MORE EMPLOYEES PERFORMING FIELD AND CONSTRUCTION SURVEY WORK.
  - D \$0.75 TO PENSION.
  - E EMPLOYEES WORKING ON ANY SUSPENDED PLATFORM/SCAFFOLD SHALL BE PAID AN ADDITIONAL \$20.00 PER DAY ABOVE THE WAGE RATE.
  - F \$0.01 TO TRAINING, \$1.35 TO WAGES AND/OR FRINGES.  
\$0.48 TO PENSION AND \$1.57 TO BE ALLOCATED TO WAGES AND/OR EMPLOYER PAYMENTS. PLEASE CONTACT THE OFFICE OF THE DIRECTOR - RESEARCH UNIT AT (415) 703-4774
  - G WHEN THE PREDETERMINED INCREASE BECOMES DUE TO CONFIRM THE DISTRIBUTION. PLEASE ALSO EXAMINE THE IMPORTANT NOTICES TO SEE IF ANY MODIFICATIONS HAVE BEEN ISSUED. AS THERE MAY BE REDUCTIONS TO PREDETERMINED INCREASES.
  - H \$0.10 TO THE BASIC HOURLY RATE, \$0.60 TO HEALTH AND WELFARE, AND \$0.10 TO VACATION
  - I THERE MUST BE AT LEAST ONE JOURNEYMAN PIPEFITTER PER CONTRACTOR ON EACH JOBSITE.
  - J THERE SHALL BE NO MORE THAN THREE TRADESMEN TO EVERY TWO JOURNEYMAN PIPEFITTER/ASSISTANT JOURNEYMAN PIPEFITTER COMBINATION EMPLOYED PER CONTRACTOR ON EACH JOBSITE.  
THERE SHALL BE NO MORE THAN FOUR TRADESMEN TO EVERY TWO JOURNEYMAN PIPEFITTER/ASSISTANT JOURNEYMAN PIPEFITTER COMBINATION EMPLOYED PER CONTRACTOR
  - K ON EACH JOBSITE. MAINTENANCE WORK, BOTH DURING AND AFTER THE PLANT ESTABLISHMENT PERIOD, MAY BE PERFORMED BY LANDSCAPE TRADESMEN WITHOUT THE SUPERVISION OF A JOURNEYMAN PIPEFITTER.
  - L THE RATIO OF TERRAZZO FINISHER HOURS TO TERRAZZO WORKER HOURS SHALL NOT EXCEED TWO (2) TO ONE (1).

BUT-2016-1-INC

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: NC-3-16-1-2015-2

ISSUE DATE: August 22, 2015

EXPIRATION DATE OF DETERMINATION: July 31, 2016\* 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.

Classification (Journey person)	Basic Hourly Rate	Employer Payments					Straight-Time		Overtime Hourly Rate	
		Health and Welfare	Pension	Vacation/ Holiday	Training	Other Payments	Hours	Total Hourly Rate	1-1/2X	2X
AREA 1 Mechanic	\$61.03	\$13.00	\$7.61 <sup>b</sup>	<sup>c</sup>	\$0.85	\$0.23 <sup>d</sup>	8	\$82.72	\$113.235 <sup>e</sup>	\$143.75
AREA 2 Mechanic	\$46.13	\$13.00	\$7.61 <sup>b</sup>	<sup>c</sup>	\$0.85	\$0.23 <sup>d</sup>	8	\$67.82	\$90.885 <sup>e</sup>	\$113.95

AREA 1 – Alameda, Contra Costa, Marin, Napa, San Benito, San Francisco, San Mateo, Santa Clara, Solano, and Sonoma.

AREA 2 – Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Mariposa, Mendocino, Merced, Modoc, Mono, Monterey, Nevada, Placer, Plumas, Sacramento, San Joaquin, Santa Cruz, Shasta, Sierra, Siskiyou, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba.

DETERMINATION: NC-3-16-3-2016-1

ISSUE DATE: February 22, 2016

EXPIRATION DATE OF DETERMINATION: December 31, 2016\*\* 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.

LOCALITY: Mono and all Northern California Counties

Hazardous Material Handler Mechanic	\$32.13	7.56	1.25	<sup>e</sup>	0.30	<sup>b</sup> 0.08	8	41.32	\$57.385	\$73.45
Hazardous Material Handler Worker <sup>k</sup>	\$22.91	7.56	-	-	0.30	<sup>l</sup> 0.06	8	30.83	\$42.29	\$53.74

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> Includes amount withheld for dues check off and for vacation.

<sup>b</sup> Pursuant to Labor Code sections 1773.1 and 1773.8, the amount paid for this employer payment may vary resulting in a lower taxable basic hourly wage 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>c</sup> Included in the straight-time hourly rate.

<sup>d</sup> \$0.02 per hour worked for vacation/holiday administration; \$0.12 per hour worked for occupational health and research; \$0.08 per hour worked for Industry Promotion; \$0.01 per hour worked for Preservation Trust.

<sup>e</sup> 1 1/2 times the basic straight-time hourly rate for the first 2 hours of overtime, Monday through Friday and for the first 10 hours on Saturdays. All other overtime is paid at the double time rate.

<sup>f</sup> \$204.78 (Area 1) and \$160.08 (Area 2) per hour for work on Labor Day.

<sup>g</sup> Includes amount withheld for dues check off.

<sup>h</sup> Includes amount for vacation/holiday administration and industry promotion.

<sup>i</sup> Rate applies to the first 4 overtime hours in any workday or 40 hours in a workweek, and for the first 8 hours worked on the 7<sup>th</sup> consecutive day of work in a workweek.

<sup>j</sup> Rate applies to work on any recognized holiday, all hours worked in excess of 12 hours in any workday, and for all hours worked in excess of 8 hours on the 7<sup>th</sup> consecutive day of work in a workweek.

<sup>k</sup> A maximum of fourteen (14) Hazardous Material Handler Workers is allowed for each Hazardous Material Handler Mechanic.

<sup>l</sup> Includes amount for industry promotion.

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 Abatement Registration Unit, DOSH at (510) 286-7362.

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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: #CARPENTER AND RELATED TRADES

DETERMINATION: NC-23-31-1-2015-1

ISSUE DATE: August 22, 2015

EXPIRATION DATE OF DETERMINATION: June 30, 2016\*\* 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.

LOCALITY: All Localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties.

CLASSIFICATION (Journey person)	Basic Hourly Rate	Employer Payments					Straight - Time		Overtime Hourly Rate <sup>c</sup>				Sunday and Holiday <sup>j</sup>
		Health and Welfare	Pension	Vacation/ Holiday <sup>d</sup>	Training	Other Payments <sup>e</sup>	Hours	Total Hourly Rate	Daily		Saturday <sup>g</sup>		
									1 1/2X <sup>f</sup>	2X	1 1/2X <sup>f</sup>	2X	
<sup>h</sup> Area 1 Carpenter	\$42.40	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	8	\$70.38	\$91.58	\$112.78	\$91.58	\$112.78	\$112.78
Hardwood Floorlayer, Power Saw Operator, Saw Filer, Shingler, Scaffold and Steel Shoring Erector	\$42.55	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	8	\$70.53	\$91.81	\$113.08	\$91.81	\$113.08	\$113.08
<sup>h</sup> Area 2 Carpenter	\$36.52	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	8	\$64.50	\$82.76	\$101.02	\$82.76	\$101.02	\$101.02
Hardwood Floorlayer, Power Operator, Saw Filer, Shingler, Scaffold and Steel Shoring Erector	\$36.67	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	8	\$64.65	\$82.99	\$101.32	\$82.99	\$101.32	\$101.32
<sup>h</sup> Area 3 <sup>l</sup> Carpenter	\$36.52	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	8	\$64.50	\$82.76	\$101.02	\$82.76	\$101.02	\$101.02
Hardwood Floorlayer, Power Operator, Saw Filer, Shingler, Scaffold and Steel Shoring Erector	\$36.67	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	8	\$64.65	\$82.99	\$101.32	\$82.99	\$101.32	\$101.32
<sup>h</sup> Area 4 <sup>l</sup> Carpenter	\$35.17	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	8	\$63.15	\$80.74	\$98.32	\$80.74	\$98.32	\$98.32
Hardwood Floorlayer, Power Operator, Saw Filer, Shingler, Scaffold and Steel Shoring Erector	\$35.32	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	8	\$63.30	\$80.96	\$98.62	\$80.96	\$98.62	\$98.62

DETERMINATION: NC-23-31-1-2015-1A

ISSUE DATE: August 22, 2015

EXPIRATION DATE OF DETERMINATION: June 30, 2016\*\* 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.

LOCALITY: All Localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties.

CLASSIFICATION (Journey person)	Basic Hourly Rate	Employer Payments					Straight - Time		Overtime Hourly Rate <sup>c</sup>				Sunday and Holiday <sup>j</sup>
		Health and Welfare <sup>e</sup>	Pension	Vacation/ Holiday <sup>d</sup>	Training	Other Payments <sup>e</sup>	Hours	Total Hourly Rate	Daily		Saturday <sup>g</sup>		
									1 1/2X <sup>f</sup>	2X	1 1/2X <sup>f</sup>	2X	
Bridge Builder/Highway Carpenter	\$42.40	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	8.0	\$70.38	\$91.58	\$112.78	\$91.58	\$112.78	\$112.78
Bridge Builder/Highway Carpenter (Special Single Shift)	\$47.70	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	8.0	\$75.68	\$91.58	\$112.78	\$91.58	\$112.78	\$112.78

Footnote and Millwright listed on page 34A

(Recognized Holidays and Subsistence Payment footnotes also listed on page 34A)

**DETERMINATION:** NC-23-31-1-2015-1B

**ISSUE DATE:** August 22, 2015

**EXPIRATION DATE OF DETERMINATION:** June 30, 2016\*\* 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.

**LOCALITY:** All Localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties.

CLASSIFICATION (Journey person)	Basic Hourly Rate	Employer Payments					Straight - Time		Overtime Hourly Rate <sup>c</sup>				
		Health and Welfare <sup>e</sup>	Pension	Vacation/ Holiday <sup>l</sup>	Training	Other Payments <sup>h</sup>	Hours	Total Hourly Rate	Daily 1 1/2X <sup>f</sup>	2X	Saturday <sup>g</sup> 1 1/2X <sup>g</sup>	2X	Sunday and Holiday <sup>j</sup>
<sup>b</sup> Area 1 Millwright	\$42.50	\$11.05	\$9.35	\$4.35	\$0.78	\$4.05	8	\$72.08	\$93.33	\$114.58	\$93.33	\$114.58	\$114.58
<sup>b</sup> Area 2 Millwright	\$39.02	\$11.05	\$9.35	\$4.35	\$0.78	\$4.05	8	\$68.60	\$88.11	\$107.62	\$88.11	\$107.62	\$107.62
<sup>b</sup> Area 3 <sup>j</sup> Millwright	\$39.02	\$11.05	\$9.35	\$4.35	\$0.78	\$4.05	8	\$68.60	\$88.11	\$107.62	\$88.11	\$107.62	\$107.62
<sup>b</sup> Area 4 <sup>j</sup> Millwright	\$37.67	\$11.05	\$9.35	\$4.35	\$0.78	\$4.05	8	\$67.25	\$86.09	\$104.92	\$86.09	\$104.92	\$104.92

**DETERMINATION:** NC-23-31-1-2015-1, NC-23-31-1-2015-1A and NC-23-31-1-2015-1B

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> In the event that work cannot be performed Monday through Friday because of inclement weather or major mechanical breakdown, employees may voluntarily make up such day on Saturday and shall be paid at the applicable straight time rates.

<sup>b</sup> AREA 1 - Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, and Sonoma Counties.

AREA 2 - Monterey, San Benito, and Santa Cruz Counties.

AREA 3 - El Dorado, Placer, Sacramento, San Joaquin and Yolo Counties.

AREA 4 - Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Mariposa, Mendocino, Merced, Modoc, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, and Yuba Counties.

<sup>c</sup> The overtime rates for shift work are based on the non-shift overtime rates.

<sup>d</sup> Includes an amount per hour worked for Work Fees. The Vacation amount is \$2.45 per hour worked for Carpenter; \$2.35 per hour worked for Millwright.

<sup>e</sup> Includes Annuity Trust Fund, Industry Promotion, Carpenters International Training Fund, Work Preservation, and Carpenter Employers Contract Administration.

<sup>f</sup> For building construction, rate applies to the first 4 hours daily overtime. For all heavy, highway and engineering construction overtime worked, Monday through Friday, rate applies to the first 4 hours daily overtime.

<sup>g</sup> Rate applies to the first 8 hours for building construction and for the first 10 hours worked on heavy, highway and engineering construction.

<sup>h</sup> Millwright Annuity Trust Fund, Industry Promotion, Work Preservation, and Carpenters International Training Fund.

<sup>i</sup> Time and one-half shall be paid for the first eight (8) hours worked on the four (4) days of each year selected by the Union as designated off/holidays listed in the Holiday Provision.

<sup>j</sup> Area 3 includes the portion of Placer County west of and including Highway 49 and the portion of El Dorado County west of and including Highway 49 and the territory inside the city limits of Placerville. Area 4 includes the portions of Placer and El Dorado Counties not covered in Area 3.

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: #CARPENTER AND RELATED TRADES (SECOND SHIFT)\*

DETERMINATION: NC-23-31-1-2015-1  
ISSUE DATE: August 22, 2015

EXPIRATION DATE OF DETERMINATION: June 30, 2016\*\* 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.

LOCALITY: All Localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties.

CLASSIFICATION (Journey/Person)	Basic Hourly Rate	Employer Payments					Straight - Time		Overtime Hourly Rate <sup>a</sup>				
		Health and Welfare <sup>d</sup>	Pension	Vacation/ Holiday <sup>c</sup>	Training	Other Payments <sup>f</sup>	Hours <sup>g</sup>	Total Hourly Rate	Daily 1 1/2X <sup>h</sup>	2X	Saturday <sup>b</sup> 1 1/2X <sup>i</sup>	2X	Sunday and Holiday <sup>k</sup>
<sup>e</sup> Area 1 Carpenter	\$45.23	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	7.5	\$73.21	\$91.58	\$112.78	\$91.58	\$112.78	\$112.78
Hardwood Floorlayer, Power Saw Operator, Saw Filer, Shingler, Scaffold and Steel Shoring Erector	\$45.39	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	7.5	\$73.37	\$91.81	\$113.08	\$91.81	\$113.08	\$113.08
<sup>e</sup> Area 2 Carpenter	\$38.95	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	7.5	\$66.93	\$82.76	\$101.02	\$82.76	\$101.02	\$101.02
Hardwood Floorlayer, Power Saw Operator, Saw Filer, Shingler, Scaffold and Steel Shoring Erector	\$39.11	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	7.5	\$67.09	\$82.99	\$101.32	\$82.99	\$101.32	\$101.32
<sup>e</sup> Area 3 <sup>1</sup> Carpenter	\$38.95	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	7.5	\$66.93	\$82.76	\$101.02	\$82.76	\$101.02	\$101.02
Hardwood Floorlayer, Power Saw Operator, Saw Filer, Shingler, Scaffold and Steel Shoring Erector	\$39.11	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	7.5	\$67.09	\$82.99	\$101.32	\$82.99	\$101.32	\$101.32
<sup>e</sup> Area 4 <sup>1</sup> Carpenter	\$37.51	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	7.5	\$65.49	\$80.74	\$98.32	\$80.74	\$98.32	\$98.32
Hardwood Floorlayer, Power Saw Operator, Saw Filer, Shingler, Scaffold and Steel Shoring Erector	\$37.67	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	7.5	\$65.65	\$80.96	\$98.62	\$80.96	\$98.62	\$98.62

DETERMINATION: NC-23-31-1-2015-1A  
ISSUE DATE: August 22, 2015

EXPIRATION DATE OF DETERMINATION: June 30, 2016\*\* 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.

LOCALITY: All Localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties.

CLASSIFICATION (Journey/Person)	Basic Hourly Rate	Employer Payments					Straight - Time		Overtime Hourly Rate <sup>a</sup>				
		Health and Welfare <sup>d</sup>	Pension	Vacation/ Holiday <sup>c</sup>	Training	Other Payments <sup>f</sup>	Hours <sup>g</sup>	Total Hourly Rate	Daily 1 1/2X <sup>h</sup>	2X	Saturday <sup>b</sup> 1 1/2X <sup>i</sup>	2X	Sunday and Holiday <sup>k</sup>
Bridge Builder/Highway Carpenter	\$45.23	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	7.5	\$73.21	\$91.58	\$112.78	\$91.58	\$112.78	\$112.78

Continued on page 34C

(Recognized Holidays and Subsistence Payment footnotes also listed on page 34C)

DETERMINATION: NC-23-31-1-2015-1B  
 ISSUE DATE: August 22, 2015

EXPIRATION DATE OF DETERMINATION: June 30, 2016\*\* 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.

LOCALITY: All Localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties.

CLASSIFICATION (Journey person)	Basic Hourly Rate	Employer Payments					Straight - Time		Overtime Hourly Rate <sup>a</sup>				
		Health and Welfare <sup>d</sup>	Pension	Vacation/ Holiday <sup>c</sup>	Training	Other Payments <sup>f</sup>	Hours <sup>e</sup>	Total Hourly Rate	Daily		Saturday <sup>b</sup>		Sunday and Holiday <sup>g</sup>
									1 1/2X <sup>h</sup>	2X	1 1/2X <sup>i</sup>	2X	
<sup>f</sup> Area 1 Millwright	\$45.33	\$11.05	\$9.35	\$4.35	\$0.78	\$4.05	7.5	\$74.91	\$93.33	\$114.58	\$93.33	\$114.58	\$114.58
<sup>f</sup> Area 2 Millwright	\$41.62	\$11.05	\$9.35	\$4.35	\$0.78	\$4.05	7.5	\$71.20	\$88.11	\$107.62	\$88.11	\$107.62	\$107.62
<sup>f</sup> Area 3 <sup>d</sup> Millwright	\$41.62	\$11.05	\$9.35	\$4.35	\$0.78	\$4.05	7.5	\$71.20	\$88.11	\$107.62	\$88.11	\$107.62	\$107.62
<sup>f</sup> Area 4 <sup>d</sup> Millwright	\$40.18	\$11.05	\$9.35	\$4.35	\$0.78	\$4.05	7.5	\$69.76	\$86.09	\$104.92	\$86.09	\$104.92	\$104.92

DETERMINATION: NC-23-31-1-2015-1, NC-23-31-1-2015-1A and NC-23-31-1-2015-1B (FOR SECOND AND THIRD SHIFTS)

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> Does not apply to tenant improvement or renovation projects in occupied buildings with a total contract value of \$5 million or less.

<sup>b</sup> The overtime rates for shift work are based on the non-shift overtime rates on page 34.

<sup>c</sup> In the event that work cannot be performed Monday through Friday because of inclement weather or major mechanical breakdown, employees may voluntarily make up such day on Saturday and shall be paid at the applicable straight time rates.

<sup>d</sup> AREA 1 - Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, and Sonoma Counties.

AREA 2 - Monterey, San Benito, and Santa Cruz Counties.

AREA 3 - El Dorado, Placer, Sacramento, San Joaquin and Yolo Counties.

AREA 4 - Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Mariposa, Mendocino, Merced, Modoc, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, and Yuba Counties.

<sup>e</sup> Area 3 includes the portion of Placer County west of and including Highway 49 and the portion of El Dorado County west of and including Highway 49 and the territory inside the city limits of Placerville. Area 4 includes the portions of Placer and El Dorado Counties not covered in Area 3.

<sup>f</sup> Includes an amount per hour worked for Work Fees. The Vacation amount is \$2.45 per hour worked for Carpenter; \$2.35 per hour worked for Millwright.

<sup>g</sup> Annuity Trust Fund, Industry Promotion, Carpenters International Training Fund, and Carpenter Employers Contract Administration.

<sup>h</sup> Daily overtime applies after 7 1/2 hours worked at the straight-time rate for second shift and after 7 hours worked at the straight-time rate for third shift.

<sup>i</sup> For building construction, rate applies to the first 2 hours prior to the start of the regular or approved day, or the first 4 hours after the end of the approved or regular work day, not to exceed a total of 4 hours in any 1 work day. For heavy, highway and engineering construction rate applies to the first 4 hours prior to the start of the regular or approved day, or the first 4 hours after the end of the approved or regular work day, not to exceed a total of 4 hours in any 1 work day.

<sup>j</sup> Rate applies to the first 8 hours for building construction and for the first 10 hours worked on heavy, highway and engineering construction.

<sup>k</sup> Millwright Annuity Trust Fund, Industry Promotion, Carpenters International Training Fund, and Work Preservation.

<sup>l</sup> Time and one-half shall be paid for the first eight (8) hours worked on the four (4) days of each year selected by the Union as designated off/holidays listed in the Holiday Provision.

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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. Holiday provisions 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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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 (THIRD SHIFT)\*

DETERMINATION: NC-23-31-1-2015-1

ISSUE DATE: August 22, 2015

EXPIRATION DATE OF DETERMINATION: June 30, 2016\*\* 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.

LOCALITY: All Localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties.

CLASSIFICATION (Journey person)	Basic Hourly Rate	Employer Payments					Straight - Time		Overtime Hourly Rate <sup>a</sup>				
		Health and Welfare <sup>d</sup>	Pension	Vacation/ Holiday <sup>e</sup>	Training	Other Payments <sup>f</sup>	Hours <sup>g</sup>	Total Hourly Rate	Daily	Saturday <sup>h</sup>	Sunday and Holiday <sup>h</sup>		
								1 1/2X <sup>h</sup>	2X	1 1/2X <sup>i</sup>	2X		
<sup>c</sup> Area 1 Carpenter	\$48.46	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	7	\$76.44	\$91.58	\$112.78	\$91.58	\$112.78	\$112.78
Hardwood Floorlayer, Power Operator, Saw Filer, Shingler, Scaffold and Steel Shoring Erector	\$48.63	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	7	\$76.61	\$91.81	\$113.08	\$91.81	\$113.08	\$113.08
<sup>c</sup> Area 2 Carpenter	\$41.74	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	7	\$69.72	\$82.76	\$101.02	\$82.76	\$101.02	\$101.02
Hardwood Floorlayer, Power Operator, Saw Filer, Shingler, Scaffold and Steel Shoring Erector	\$41.91	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	7	\$69.89	\$82.99	\$101.32	\$82.99	\$101.32	\$101.32
<sup>c</sup> Area 3 <sup>1</sup> Carpenter	\$41.74	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	7	\$69.72	\$82.76	\$101.02	\$82.76	\$101.02	\$101.02
Hardwood Floorlayer, Power Operator, Saw Filer, Shingler, Scaffold and Steel Shoring Erector	\$41.91	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	7	\$69.89	\$82.99	\$101.32	\$82.99	\$101.32	\$101.32
<sup>c</sup> Area 4 <sup>1</sup> Carpenter	\$40.19	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	7	\$68.17	\$80.74	\$98.32	\$80.74	\$98.32	\$98.32
Hardwood Floorlayer, Power Operator, Saw Filer, Shingler, Scaffold and Steel Shoring Erector	\$40.37	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	7	\$68.35	\$80.96	\$98.62	\$80.96	\$98.62	\$98.62

Footnotes listed on page 34C

(Recognized Holidays and Subsistence Payment footnotes also listed on page 34C)

**DETERMINATION:** NC-23-31-1-2015-1A

**ISSUE DATE:** August 22, 2015

**EXPIRATION DATE OF DETERMINATION:** June 30, 2016\*\* 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.

**LOCALITY:** All Localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties.

CLASSIFICATION (Journey person)	Basic Hourly Rate	Employer Payments					Straight - Time		Overtime Hourly Rate <sup>3</sup>				Sunday and Holiday <sup>k</sup>
		Health and Welfare <sup>d</sup>	Pension	Vacation/ Holiday <sup>e</sup>	Training	Other Payments <sup>f</sup>	Hours <sup>g</sup>	Total Hourly Rate	Daily 1 1/2X <sup>h</sup>	2X	Saturday <sup>b</sup> 1 1/2X <sup>i</sup>	2X	
Bridge Builder/Highway Carpenter	\$48.46	\$11.05	\$9.35	\$4.26	\$0.78	\$2.54	7	\$76.44	\$91.58	\$112.78	\$91.58	\$112.78	\$112.78

**DETERMINATION:** NC-23-31-1-2015-1B

**ISSUE DATE:** August 22, 2015

**EXPIRATION DATE OF DETERMINATION:** June 30, 2016\*\* 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.

**LOCALITY:** All Localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties.

CLASSIFICATION (Journey person)	Basic Hourly Rate	Employer Payments					Straight - Time		Overtime Hourly Rate <sup>3</sup>				Sunday and Holiday <sup>k</sup>
		Health and Welfare	Pension	Vacation/ Holiday <sup>e</sup>	Training	Other Payments <sup>f</sup>	Hours <sup>g</sup>	Total Hourly Rate	Daily 1 1/2X <sup>h</sup>	2X	Saturday <sup>b</sup> 1 1/2X <sup>i</sup>	2X	
<sup>f</sup> Area 1 Millwright	\$48.57	\$11.05	\$9.35	\$4.35	\$0.78	\$4.05	7	\$78.15	\$93.33	\$114.58	\$93.33	\$114.58	\$114.58
<sup>f</sup> Area 2 Millwright	\$44.59	\$11.05	\$9.35	\$4.35	\$0.78	\$4.05	7	\$74.17	\$88.11	\$107.62	\$88.11	\$107.62	\$107.62
<sup>f</sup> Area 3 <sup>d</sup> Millwright	\$44.59	\$11.05	\$9.35	\$4.35	\$0.78	\$4.05	7	\$74.17	\$88.11	\$107.62	\$88.11	\$107.62	\$107.62
<sup>f</sup> Area 4 <sup>d</sup> Millwright	\$43.05	\$11.05	\$9.35	\$4.35	\$0.78	\$4.05	7	\$72.63	\$86.09	\$104.92	\$86.09	\$104.92	\$104.92

Footnotes listed on page 34C

(Recognized Holidays and Subsistence Payment footnotes also listed on page 34C)

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:** NC-23-31-15-2015-2

**ISSUE DATE:** August 22, 2015

**EXPIRATION DATE OF DETERMINATION:** June 30, 2016\*\* 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.

**LOCALITY:** All Localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties.

Classification (Journey person)	Employer Payments						Straight-Time		Overtime Hourly Rate		
	Basic Hourly Rate	Health and Welfare	Pension <sup>b</sup>	Vacation/ Holiday <sup>c</sup>	Training	Other Payments	Hours	Total Hourly Rate	Daily 1 1/2X	Saturday <sup>d</sup> 1 1/2X	Sunday/ Holiday 2X
<b><sup>a</sup> AREA 1</b>											
Master Installer	\$31.93	\$9.90	\$5.82	\$3.63	-	\$0.22	8	\$51.50	\$67.465	\$67.465	\$83.43
Lead Installer	27.71	9.90	5.82	3.63	-	0.22	8	47.28	61.135	61.135	74.99
Installer I	24.26	9.90	5.32	3.63	-	0.22	8	43.33	55.46	55.46	67.59
Installer II	20.83	9.90	5.32	3.63	-	0.22	8	39.90	50.315	50.315	60.73
<b><sup>a</sup> AREA 2</b>											
Master Installer	28.21	9.90	5.82	3.63	-	0.22	8	47.78	61.885	61.885	75.99
Lead Installer	24.58	9.90	5.82	3.63	-	0.22	8	44.15	56.44	56.44	68.73
Installer I	21.61	9.90	5.32	3.63	-	0.22	8	40.68	51.485	51.485	62.29
Installer II	18.66	9.90	5.32	3.63	-	0.22	8	37.73	47.06	47.06	56.39
<b><sup>a</sup> AREA 3</b>											
Master Installer	26.88	9.90	5.82	3.63	-	0.22	8	46.45	59.89	59.89	73.33
Lead Installer	23.46	9.90	5.82	3.63	-	0.22	8	43.03	54.76	54.76	66.49
Installer I	20.66	9.90	5.32	3.63	-	0.22	8	39.73	50.06	50.06	60.39
Installer II	17.89	9.90	5.32	3.63	-	0.22	8	36.96	45.905	45.905	54.85

<sup>a</sup>AREA 1: Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, and Sonoma Counties.

AREA 2: Monterey, San Benito, and Santa Cruz Counties.

AREA 3: Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Mariposa, Mendocino, Merced, Modoc, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Sierra, Siskiyou, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties.

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

<sup>c</sup> Includes an amount for Work Fee.

<sup>d</sup> Rate applies for the first 10 hours only. All hours worked in excess of ten hours on Saturdays shall be paid at double time (2X).

**RATIO:** The ratio of employees shall be based on the increments of ten (10) employees. It is understood that the employee ratio shall apply on a company-wide basis. For every ten (10) employees, the employer shall employ one (1) Master Installer, three (3) Lead Installer, three (3) Installer I, and three (3) Installer II. For crew size of less than 10 employees, the employer shall employ a Master Installer, followed by a Lead Installer, then an Installer I, and lastly an Installer II. For crew size of over 10 employees, please contact the Office of the Director – Research Unit at 415-703-4774.

All drapery installation shall be performed by employees at the Installer I level or above. Employers employing three (3) or more Drapery Installers at the Installer I level or above may employ one (1) Installer II. For each additional three (3) Installer I level or above Drapery Installers then in his/her employ, the employer may employ one (1) additional Installer II.

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: #DRYWALL INSTALLER/LATHER (CARPENTER)

DETERMINATION: NC-31-X-16-2015-2

ISSUE DATE: August 22, 2015

EXPIRATION DATE OF DETERMINATION: June 30, 2016\*\* 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.

LOCALITY: All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo and Yuba counties.

CLASSIFICATION (Journey person)	Employer Payments						Straight-Time		Overtime Hourly Rate		
	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday <sup>g</sup>	Training	Other Payments	Hours	Total Hourly Rate	Daily 1 1/2X	Saturday 1 1/2X	Sunday and Holiday
<b><sup>a</sup> Area 1</b>											
Drywall Installer/ Lather	\$42.40	\$11.05	<sup>f</sup> \$12.10	\$4.26	\$0.72	\$0.86	8	\$71.39	<sup>h</sup> \$92.59	<sup>h</sup> \$92.59	\$113.79
Stocker, Scrapper <sup>e</sup>	21.20	11.05	<sup>f</sup> 5.45	4.21	-	-	8	41.91	<sup>h</sup> 52.51	<sup>h</sup> 52.51	63.11
Stocker, Scrapper	21.20	11.05	1.10	4.21	-	-	8	37.56	<sup>h</sup> 48.16	<sup>h</sup> 48.16	58.76
<b><sup>b</sup> Area 2</b>											
Drywall Installer/ Lather	36.52	11.05	<sup>f</sup> 12.10	4.26	0.72	0.86	8	65.51	<sup>h</sup> 83.77	<sup>h</sup> 83.77	102.03
Stocker, Scrapper <sup>e</sup>	18.26	11.05	<sup>f</sup> 5.45	4.21	-	-	8	38.97	<sup>h</sup> 48.10	<sup>h</sup> 48.10	57.23
Stocker, Scrapper	18.26	11.05	1.10	4.21	-	-	8	34.62	<sup>h</sup> 43.75	<sup>h</sup> 43.75	52.88
<b><sup>c</sup> Area 3</b>											
Drywall Installer/ Lather	37.02	11.05	<sup>f</sup> 12.10	4.26	0.72	0.86	8	66.01	<sup>h</sup> 84.520	<sup>h</sup> 84.520	103.03
Stocker, Scrapper <sup>e</sup>	18.51	11.05	<sup>f</sup> 5.45	4.21	-	-	8	39.22	<sup>h</sup> 48.475	<sup>h</sup> 48.475	57.73
Stocker, Scrapper	18.51	11.05	1.10	4.21	-	-	8	34.88	<sup>h</sup> 44.125	<sup>h</sup> 44.125	53.38
<b><sup>d</sup> Area 4</b>											
Drywall Installer/ Lather	35.67	11.05	<sup>f</sup> 12.10	4.26	0.72	0.86	8	64.66	<sup>h</sup> 82.495	<sup>h</sup> 82.495	100.33
Stocker, Scrapper <sup>e</sup>	17.84	11.05	<sup>f</sup> 5.45	4.21	-	-	8	38.55	<sup>h</sup> 47.47	<sup>h</sup> 47.47	56.39
Stocker, Scrapper	17.84	11.05	1.10	4.21	-	-	8	34.20	<sup>h</sup> 43.12	<sup>h</sup> 43.12	52.04

#Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> Area 1 - Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano and Sonoma counties.

<sup>b</sup> Area 2 - Monterey, San Benito, and Santa Cruz Counties.

<sup>c</sup> Area 3 - El Dorado<sup>1</sup>, Placer<sup>1</sup>, Sacramento, San Joaquin, and Yolo Counties.

<sup>d</sup> Area 4 - Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado<sup>1</sup>, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Mariposa, Mendocino, Merced, Modoc, Nevada, Placer<sup>1</sup>, Plumas, Shasta, Sierra, Siskiyou, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, and Yuba Counties.

<sup>e</sup> Employed by the same contractor for 2000 hours (consecutively or cumulatively).

<sup>f</sup> Includes an amount for Annuity Trust Fund.

<sup>g</sup> Includes an amount for Work Fees.

<sup>h</sup> Rate applies to the first 4 overtime hours Monday through Friday and the first 8 hours on Saturday. All other time is paid at the Sunday and Holiday overtime rate.

Saturdays may be worked at straight time if job is shut down during Monday through Friday due to inclement weather or major mechanical breakdown.

<sup>1</sup> Area 3 includes the portion of Placer County west of and including Highway 49 and the portion of El Dorado County west of and including Highway 49 and the territory inside the city limits of Placerville. Area 4 includes the portions of Placer and El Dorado Counties not covered in Area 3.

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: # PILE DRIVER (CARPENTER)**

**DETERMINATION:** NC-23-31-11-2016-1

**ISSUE DATE:** February 22, 2016

**EXPIRATION DATE OF DETERMINATION:** June 30, 2016\*\*. 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.

**LOCALITY:** All Localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties.

Classification (Journey person)	Employer Payments						Straight-Time		Overtime Hourly Rate		
	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday	Training	Other Payments	Hours	Total Hourly Rate	Daily 1 1/2X	Saturday 1 1/2X	Sunday and Holiday
Pile Driver, Wharf, and Dock Builder	\$41.65 <sup>g</sup>	11.05	<sup>b</sup> 13.55	<sup>c</sup> 5.46	0.83	<sup>a</sup> 0.25	8	72.79	<sup>d</sup> 93.615	<sup>d</sup> 93.615	114.44
Diver (wet) up to 50 ft depth <sup>e, f</sup>	91.17	11.05	<sup>b</sup> 13.55	<sup>c</sup> 5.46	0.83	<sup>a</sup> 0.25	8	122.31	<sup>d</sup> 167.895	<sup>d</sup> 167.895	213.48
Diver's Tender <sup>e</sup>	45.82	11.05	<sup>b</sup> 13.55	<sup>c</sup> 5.46	0.83	<sup>a</sup> 0.25	8	76.96	<sup>d</sup> 99.87	<sup>d</sup> 99.87	122.78
Assistant Tender	41.65	11.05	<sup>b</sup> 13.55	<sup>c</sup> 5.46	0.83	<sup>a</sup> 0.25	8	72.79	<sup>d</sup> 93.615	<sup>d</sup> 93.615	114.44
Diver (stand-by)	46.61	11.05	<sup>b</sup> 13.55	<sup>c</sup> 5.46	0.83	<sup>a</sup> 0.25	8	77.75	<sup>d</sup> 101.055	<sup>d</sup> 101.055	124.36

**FOR "PILE DRIVER-BRIDGE BUILDER" - SEE NORTHERN CALIFORNIA CARPENTER PAGE 34.**

**PLEASE NOTE:** To obtain wage rate information for Saturation Diver, Manned Submersible, Manifold Operator/Life Support Technician, Remote Controlled/Operated Vehicle (RCV/ROV) Pilot/Technician, Navigator Surveyor, Bell Winch Operator & Diving Equipment Technician, please contact the Office of the Director - Research Unit at (415) 703-4774.

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> Includes Industry Promotion, Carpenters International Training Fund, Pile Drivers Employers Contract Administration, and LMCC.

<sup>b</sup> Includes an amount per hour for Annuity Trust Fund. Pursuant to Labor Code Sections 1773.1 and 1773.8, the amount paid for this employer payment may vary resulting in a lower taxable basic hourly wage 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>c</sup> Includes an amount per hour for work fees.

<sup>d</sup> Rate applies to the first 2 daily overtime hours and the first 8 hours worked on Saturdays. All other time is paid at the Sunday/Holiday overtime rate.

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

<sup>f</sup> For specific rates over 50 ft depth, contact the Office of the Director – Research Unit.

<sup>g</sup> On bridges, powerhouses and dams, men working from bosun's chairs or swinging scaffolds or suspended from rope, cable, safety belts, or any device used as a substitute for or in lieu thereof (excluding piledriving rigs) shall receive \$0.15 per hour above this rate.

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: #ELEVATOR CONSTRUCTOR**

**DETERMINATION:** NC-62-X-1-2016-1

**ISSUE DATE:** February 22, 2016

**EXPIRATION DATE OF DETERMINATION:** December 31, 2016\*\* 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.

**LOCALITY:** All Localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Inyo, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Mono, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo and Yuba Counties. Portions<sup>a</sup> of Kern, San Bernardino and San Luis Obispo are detailed below.

Classification (Journey person)	Basic Hourly Rate	Employer Payments				Straight-Time			Overtime Hourly Rate		
		Health and Welfare	Pension <sup>e</sup>	Vacation/ Holiday	Training	Other Hours Payments	Total Hourly Rate	Daily 1 1/2X <sup>d</sup>	Saturday 1 1/2X <sup>d</sup>	Sunday and Holiday	
Mechanic	\$61.86	14.425	14.96	3.71	0.60	0.30	8	95.855	126.785	126.785	157.715 <sup>b</sup>
Mechanic (Employed in industry more than 5 years)	61.86	14.425	14.96	4.95	0.60	0.30	8	97.095	128.025	128.025	158.955 <sup>b</sup>
Helper <sup>c</sup>	43.30	14.425	14.96	2.60	0.60	0.30	8	76.185	97.835	97.835	119.485 <sup>b</sup>
Helper (Employed in industry more than 5 years)	43.30	14.425	14.96	3.46	0.60	0.30	8	77.045	98.695	98.695	120.345 <sup>b</sup>

#Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> Applies to that portion of these counties north of the Tehachapi Line. For more information contact the Office of the Director - Research Unit.

<sup>b</sup> For paid holidays recognized in the collective bargaining agreement employees are paid for 8 hours at straight time in addition to the Holiday rate for all hours worked.

<sup>c</sup> Ratio: The total number of Helpers employed shall not exceed the number of Mechanics on any one job. For more information on the use of Helpers contact the Office of the Director - Research Unit.

<sup>d</sup> For Contract Service work only. All other overtime is paid at the Sunday/Holiday rate.

<sup>e</sup> Includes an amount for Annuity Trust Fund.

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 (HEAVY AND HIGHWAY WORK)**

**DETERMINATION:** NC-23-63-1-2015-2

**ISSUE DATE:** August 22, 2015

**EXPIRATION DATE OF DETERMINATION:** June 30, 2016\* 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.

**LOCALITY:** All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba counties.

Classification (Journeperson)	Employer Payments							Hours <sup>f</sup>	Straight-Time		Overtime Hourly Rate			
	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>g</sup>	Training	Other Payments	Total Hourly Rate		Daily/ Saturday <sup>h</sup> 1 1/2X	Sunday and Holiday 2X				
Classification Group <sup>a</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>						Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	
Group 1	\$40.97	\$42.97	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$70.40	\$72.40	\$90.89	\$93.89	\$111.37	\$115.37
Group 2	\$39.44	\$41.44	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$68.87	\$70.87	\$88.59	\$91.59	\$108.31	\$112.31
Group 3	\$37.96	\$39.96	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$67.39	\$69.39	\$86.37	\$89.37	\$105.35	\$109.35
Group 4	\$36.58	\$38.58	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$66.01	\$68.01	\$84.30	\$87.30	\$102.59	\$106.59
Group 5	\$35.31	\$37.31	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.74	\$66.74	\$82.40	\$85.40	\$100.05	\$104.05
Group 6	\$33.99	\$35.99	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$63.42	\$65.42	\$80.42	\$83.42	\$97.41	\$101.41
Group 7	\$32.85	\$34.85	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$62.28	\$64.28	\$78.71	\$81.71	\$95.13	\$99.13
Group 8	\$31.71	\$33.71	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$61.14	\$63.14	\$77.00	\$80.00	\$92.85	\$96.85
Group 8-A	\$29.50	\$31.50	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$58.93	\$60.93	\$73.68	\$76.68	\$88.43	\$92.43
Group 1-A	\$41.85	\$43.85	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$71.28	\$73.28	\$92.21	\$95.21	\$113.13	\$117.13
Truck Crane Assistant to Engineer	\$34.88	\$36.88	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.31	\$66.31	\$81.75	\$84.75	\$99.19	\$103.19
Assistant to Engineer	\$32.59	\$34.59	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$62.02	\$64.02	\$78.32	\$81.32	\$94.61	\$98.61
Group 2-A	\$40.09	\$42.09	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$69.52	\$71.52	\$89.57	\$92.57	\$109.61	\$113.61
Truck Crane Assistant to Engineer	\$34.62	\$36.62	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.05	\$66.05	\$81.36	\$84.36	\$98.67	\$102.67
Assistant to Engineer	\$32.38	\$34.38	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$61.81	\$63.81	\$78.00	\$81.00	\$94.19	\$98.19
Group 3-A	\$38.35	\$40.35	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$67.78	\$69.78	\$86.96	\$89.96	\$106.13	\$110.13
Truck Crane Assistant to Engineer	\$34.38	\$36.38	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$63.81	\$65.81	\$81.00	\$84.00	\$98.19	\$102.19
Hydraulic	\$33.99	\$35.99	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$63.42	\$65.42	\$80.42	\$83.42	\$97.41	\$101.41
Assistant to Engineer	\$32.10	\$34.10	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$61.53	\$63.53	\$77.58	\$80.58	\$93.63	\$97.63
Group 4-A	\$35.31	\$37.31	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.74	\$66.74	\$82.40	\$85.40	\$100.05	\$104.05

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> For classifications within each group, see pages 39B-40.

<sup>b</sup> AREA 1 - Alameda, Butte, Contra Costa, Kings, Marin, Merced, Napa, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Solano, Stanislaus, Sutter, Yolo and Yuba counties; and portions of Alpine, Amador, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Lake, Lassen, Madera, Mariposa, Mendocino, Monterey, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sonoma, Tehama, Tulare, Tuolumne and Trinity counties.

<sup>c</sup> AREA 2 - Modoc, and portions of Alpine, Amador, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Lake, Lassen, Madera, Mariposa, Mendocino, Monterey, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sonoma, Tehama, Tulare, Tuolumne and Trinity counties. (Portions of counties falling in each area detailed on page 41).

<sup>d</sup> Saturday in the same work week may be worked at straight-time if a job is shut down during the normal work week due to inclement weather.

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

<sup>f</sup> When three shifts are employed for five (5) or more consecutive days, seven and one-half (7 1/2) consecutive hours (exclusive of meal period), shall constitute a day of work, for which eight (8) times the straight time hourly rate shall be paid at the non-shift wage rate for the second shift. The third shift shall be seven (7) hours of work for eight (8) hours of pay at the non-shift wage rate.

**NOTE:** For Special Single and Second Shift rates, please see page 39A.

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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.

**DETERMINATION: NC-23-63-1-2015-2**

**CLASSIFICATIONS**

**GROUP 1**

Drill Equipment, over 200,000 lbs  
Operator of Helicopter (when used in erection work)  
Hydraulic Excavator 7 cu yds and over  
Power Shovels, over 7 cu yds

**GROUP 2**

Highline Cableway  
Hydraulic Excavator 3 1/2 cu yds up to 7 cu yds  
Licensed Construction Work Boat Operator, On Site  
Microtunneling Machine  
Power Blade Operator (finish)  
Power Shovels, (over 1 cu yd and up to and including 7 cu yds m.r.c.)

**GROUP 3**

Asphalt Milling Machine  
Cable Backhoe  
Combination Backhoe and Loader over 3/4 cu yds  
Continuous Flight Tie Back Machine  
Crane Mounted Continuous Flight Tie Back Machine, tonnage to apply  
Crane Mounted Drill Attachments, Tonnage to apply  
Dozer, Slope Board  
Drill Equipment, over 100,000 lbs up to and including 200,000 lbs  
Gradall  
Hydraulic Excavator up to 3 1/2 cu yds  
Loader 4 cu yds and over  
Long Reach Excavator  
Multiple Engine Scrapers (when used as push pull)  
Power Shovels, up to and including 1 cu yd  
Pre-Stress Wire Wrapping machine  
Side Boom Cat, 572 or larger  
Track Loader 4 cu yds and over  
Wheel Excavator (up to and including 750 cu yds per hour)

**GROUP 4**

Asphalt Plant Engineer/Boxman  
Chicago Boom  
Combination Backhoe and Loader up to and including 3/4 cu yds  
Concrete Batch Plants (wet or dry)  
Dozer and/or Push Cat  
Drill Equipment, over 50,000 lbs up to and including 100,000 lbs  
Pull-Type Elevating Loader  
Gradesetter, Grade Checker (GPS, mechanical or otherwise)  
Grooving and Grinding Machine  
Heaving Shield Operator  
Heavy Duty Drilling Equipment, Hughes, LDH, Watson 3000 or similar  
Heavy Duty Repairman and/or Welder  
Lime Spreader  
Loader under 4 cu yds  
Lubrication and Service Engineer (mobile and grease rack)  
Mechanical Finishers or Spreader Machine (asphalt, Barber-Greene and similar)  
Miller Formless M-9000 Slope Paver or similar  
Portable Crushing and Screening plants  
Power Blade Support  
Roller Operator, Asphalt  
Rubber-Tired Scraper, Self-Loading (paddle-wheels, etc)  
Rubber-Tired Earthmoving Equipment (Scrapers)  
Slip Form Paver (concrete)  
Small Tractor with Drag  
Soil Stabilizer (P&H or equal)  
Spider Plow and Spider Puller  
Timber Skidder  
Track Loader up to 4 yards  
Tractor Drawn Scraper  
Tractor, Compressor Drill Combination  
Tubex Pile Rig  
Unlicensed Construction Work Boat Operator, On Site  
Welder  
Woods-Mixer (and other similar Pugmill equipment)

**GROUP 5**

Cast-In Place Pipe Laying Machine  
Combination Slusher and Motor Operator  
Concrete Conveyor or Concrete Pump, Truck or Equipment Mounted  
Concrete Conveyor, Building Site  
Concrete Pump or Pumpcrete Guns  
Drilling Equipment, Watson 2000, Texoma 700 or similar  
Drilling and Boring Machinery, Horizontal (not to apply to waterlines, wagon drills or jackhammers)  
Concrete Mixers/all  
Man and/or Material Hoist  
Mechanical Finishers (concrete) (Clary, Johnson, Bidwell Bridge Deck or similar types)  
Mechanical Burn, Curb and/or Curb and Gutter Machine, Concrete or Asphalt  
Mine or Shaft Hoist  
Portable Crushers  
Power Jumbo Operator (setting slip-forms, etc., in tunnels)  
Screedman (automatic or manual)  
Self Propelled Compactor with Dozer  
Tractor with boom, D6 or smaller  
Trenching Machine, maximum digging capacity over 5 ft. depth  
Vermeer T-600B Rock Cutter or similar

**GROUP 6**

Armor-Coater (or similar)  
Ballast Jack Tamper  
Boom-Type Backfilling Machine  
Asst. Plant Engineer  
Bridge and/or Gantry Crane  
Chemical Grouting Machine, truck mounted  
Chip Spreading Machine Operator  
Concrete Barrier Moving Machine  
Concrete Saws (self-propelled unit on streets, highways, airports, and canals)  
Deck Engineer  
Drill Doctor  
Drill Equipment, over 25,000 lbs up to and including 50,000 lbs  
Drilling Equipment Texoma 600, Hughes 200 series or similar up to and including 30 ft. m.r.c.  
Helicopter Radioman  
Hydro-Hammer or similar  
Line Master  
Skidsteer Loader, Bobcat larger than 743 series or similar (with attachments)  
Locomotive  
Rotating Extendable Forklift, Lull Hi-Lift or similar  
Assistant to Engineer, Truck Mounted Equipment  
Pavement Breaker, Truck Mounted, with compressor combination  
Paving Fabric Installation and/or Laying Machine  
Pipe Bending Machine (pipelines only)  
Pipe Wrapping Machine (Tractor propelled and supported)  
Screedman, (except asphaltic concrete paving)  
Self-Loading Chipper  
Self Propelled Pipeline Wrapping Machine  
Tractor

**GROUP 7**

Ballast Regulator  
Cary Lift or similar  
Combination Slurry Mixer and/or Cleaner  
Coolant/Slurry Tanker Operator (hooked to Grooving/Grinding Machine)  
Drilling Equipment, 20 ft and under m.r.c.  
Drill Equipment, over 1,000 lbs up to and including 25,000 lbs  
Fireman Hot Plant

Grouting Machine Operator  
Highline Cableway Signalman  
Stationary Belt Loader (Kolman or similar)  
Lift Slab Machine (Vagborg and similar types)  
Maginnes Internal Full Slab Vibrator  
Material Hoist (1 Drum)  
Mechanical Trench Shield  
Partsman (heavy duty repair shop parts room)  
Pavement Breaker with or without Compressor Combination  
Pipe Cleaning Machine (tractor propelled and supported)  
Post Driver  
Roller (except Asphalt), Chip Seal  
Self Propelled Automatically Applied Concrete Curing Machine (on streets, highways, airports and canals)  
Self Propelled Compactor (without dozer)  
Signalman  
Slip-Form Pumps (lifting device for concrete forms)  
Super Sucker Vacuum Truck  
Tie Spacer  
Trenching Machine (maximum digging capacity up to and including 5 ft depth)  
Truck-Mounted Rotating Telescopic Boom Type Lifting Device, Manilex or similar (Boom Truck) - Under 15 tons  
Truck Type Loader

**GROUP 8**

Bit Sharpener  
Boiler Tender  
Box Operator  
Brakeman  
Combination Mixer and Compressor (shotcrete/gunite)  
Compressor Operator  
Deckhand  
Fireman  
Generators  
Gunite/Shotcrete Equipment Operator  
Heavy Duty Repairman Helper  
Hydraulic Monitor  
Ken Seal Machine (or similar)  
Mast Type Forklift  
Mixermobile  
Assistant to Engineer  
Pump Operator  
Refrigerator Plant  
Reservoir-Debris Tug (Self-Propelled Floating)  
Ross Carrier (Construction site)  
Rotomist Operator  
Self Propelled Tape Machine  
Shuttlecar  
Self Propelled Power Sweeper Operator (Includes Vacuum Sweeper)  
Slusher Operator  
Surface Heater  
Switchman  
Tar Pot Fireman  
Tugger Hoist, Single Drum  
Vacuum Cooling Plant  
Welding Machine (powered other than by electricity)

**DETERMINATION: NC-23-63-1-2015-2**

**GROUP 8-A**

Articulated Dump Truck Operator  
Elevator Operator  
Mini Excavator under 25 H.P. (Backhoe-Trencher)  
Skidsteer Loader, Bobcat 743 series or  
Smaller and similar (without attachments)

**GROUP 1-A**

Clamshells and Draglines over 7 cu yds  
Cranes over 100 tons  
Derrick, over 100 tons  
Derrick Barge Pedestal mounted over 100 tons  
Self Propelled Boom Type Lifting Device Over 100 tons

**GROUP 2-A**

Clamshells and Draglines over 1 cu yds up to and  
including 7 cu yds  
Cranes over 45 tons up to and including 100 tons  
Derrick Barge 100 tons and under  
Mobile Self-Erecting Tower Crane (Potain) over 3 stories  
Self Propelled Boom Type Lifting Device over 45 tons  
Tower Cranes

**GROUP 3-A**

Clamshells and Draglines up to and including 1 cu yd  
Cranes 45 tons and under  
Mobile Self-Erecting Tower Crane (Potain), 3 stories  
and under  
Self Propelled Boom Type Lifting Device 45 tons  
and under

**GROUP 4-A**

Boom Truck or dual-purpose A-Frame Truck,  
Non-Rotating over 15 tons.  
Truck Mounted Rotating Telescopic Boom  
Type Lifting Device, Manitex or similar  
(Boom Truck -over 15 tons)  
Truck-Mounted Rotating Telescopic Boom Type  
Lifting Device, Munitex or Similar (Boom Truck),  
under 15 tons

**DESCRIPTION FOR AREAS 1 AND 2:**

Area 1 is all of Northern California within the following Township, State and/or county Boundaries:

Commencing in the Pacific Ocean on the extension of the Southerly line of Township 19S, of the Mount Diablo Base and Meridian, Thence Easterly along the Southerly line of Township 19S, to the Northwest corner of Township 20S, Range 6E,  
Thence Southerly to the Southwest corner of Township 20S, Range 6E,  
Thence Easterly to the Northwest corner of Township 21S, Range 7E Thence Southerly to the Southwest corner of Township 21S, Range 7E  
Thence Easterly to the Northwest corner of Township 22S, Range 9E,  
Thence Southerly to the Southwest corner of Township 22S, Range 9E,  
Thence Easterly to the Northwest corner of Township 23S, Range 10E,  
Thence Southerly to the Southwest corner of Township 24S, Range 10E,  
Thence Easterly to the Southwest corner of Township 24S, Range 31E,  
Thence Northerly to the Northeast corner of Township 20S, Range 31E  
Thence Westerly to the Southeast corner of Township 19S, Range 29E,  
Thence Northerly to the Northeast corner of Township 17S, Range 29E,  
Thence Westerly to the Southeast corner of Township 16S, Range 28E,  
Thence Northerly to the Northeast corner of Township 13S, Range 28E,  
Thence Westerly to the Southeast corner Township 12S, Range 27E,  
Thence Northerly to the Northeast corner of Township 12S, Range 27E,  
Thence Westerly to the Southeast corner of Township 11S, Range 26E,  
Thence Northerly to the Northeast corner of Township 11S, Range 26E,  
Thence Westerly to the Southeast corner of Township 10S, Range 25E,  
Thence Northerly to the Northeast corner of Township 9S, Range 25E,  
Thence Westerly to the Southeast corner of Township 8S, Range 24E,  
Thence Northerly to the Northeast corner of Township 8S, Range 24E,  
Thence Westerly to the Southeast corner of Township 7S, Range 23E,  
Thence Northerly to the Northeast corner of Township 6S, Range 23E,  
Thence Westerly to the Southeast corner of Township 5S, Range 20E,  
Thence Northerly to the Northeast corner of Township 5S, Range 20E,  
Thence Westerly to the Southeast corner of Township 4S, Range 19E,  
Thence Northerly to the Northeast corner of Township 1S, Range 19E,  
Thence Westerly to the Southeast corner of Township 1N, Range 18E,  
Thence Northerly to the Northeast corner of Township 3N, Range 18E,  
Thence Westerly to the Southeast corner of Township 4N, Range 17E,  
Thence Northerly to the Northeast corner of Township 4N, Range 17E,  
Thence Westerly to the Southeast corner of Township 5N, Range 15E,  
Thence Northerly to the Northeast corner of Township 5N, Range 15E,  
Thence Westerly to the Southeast corner of Township 6N, Range 14E,  
Thence Northerly to the Northeast corner of Township 10N, Range 14E,  
Thence Easterly along the Southern line of Township 11N, to the California / Nevada State Border,  
Thence Northerly along the California / Nevada State Border to the Northerly line of Township 17N,  
Thence Westerly to the Southeast corner of Township 18N, Range 10E,  
Thence Northerly to the Northeast corner of Township 20N, Range 10E,  
Thence Westerly to the Southeast corner of Township 21N, Range 9E,  
Thence Northerly to the Northeast corner of Township 21N, Range 9E,  
Thence Westerly to the Southeast corner of Township 22N, Range 8E,  
Thence Northerly to the Northeast corner of Township 22N, Range 8E,  
Thence Westerly to the Northwest corner of Township 22N, Range 8E,  
Thence Northerly to the Southwest corner of Township 27N, Range 8E,  
Thence Easterly to the Southeast corner of Township 27N, Range 8E,  
Thence Northerly to the Northeast corner of Township 28N, Range 8E,  
Thence Westerly to the Southeast corner of Township 29N, Range 6E,  
Thence Northerly to the Northeast corner of Township 32N, Range 6E,  
Thence Westerly to the Northwest corner of Township 32 N, Range 6E,  
Thence Northerly to the Northeast corner of Township 35N, Range 5E,  
Thence Westerly to the Southeast corner of Township 36N, Range 3E,  
Thence Northerly to the Northeast corner of township 36N, Range 3E,  
Thence Westerly to the Southeast corner of Township 37N, Range 1W,  
Thence Northerly to the Northeast corner of Township 38N, Range 1W,  
Thence Westerly to the Southeast corner of Township 39N, Range 2W,  
Thence Northerly to the Northeast corner of Township 40N, Range 2W,  
Thence Westerly to the Southeast corner of Township 41N, Range 4W,  
Thence Northerly to the Northeast corner of Township 42N, Range 4W,  
Thence Westerly to the Southeast corner of Township 43N, Range 5W,  
Thence Northerly to the California / Oregon State Border,

Thence Westerly along the California / Oregon State Border to the Westerly Boundary of Township Range 8W,  
Thence Southerly to the Southwest corner of Township 43N, Range 8W,  
Thence Easterly to the Southeast corner of Township 43N, Range 8W,  
Thence Southerly to the Southwest corner of Township 42N, Range 7W,  
Thence Easterly to the Southeast corner of Township 42N, Range 7W,  
Thence Southerly to the Southwest corner of Township 41N, Range 6W,  
Thence Easterly to the Northwest corner of Township 40N, Range 5W,  
Thence Southerly to the Southwest corner of Township 38N, Range 5W,  
Thence Westerly to the Northwest corner of Township 37N, Range 6W,  
Thence Southerly to the Southwest corner of Township 35N, Range 6W,  
Thence Westerly to the Northwest corner of Township 34N, Range 10W,  
Thence Southerly to the Southwest corner of Township 31N, Range 10W,  
Thence Easterly to the Northwest corner of Township 30N, Range 9W,  
Thence Southerly to the Southwest corner of Township 30N, Range 9W,  
Thence Easterly to the Northwest corner of Township 29N, Range 8W,  
Thence Southerly to the Southwest corner of Township 23N, Range 8W,  
Thence Easterly to the Northwest corner of Township 22N, Range 6W,  
Thence Southerly to the Southwest corner of Township 16N, Range 6W,  
Thence Westerly to the Southeast corner of Township 16N, Range 9W,  
Thence Northerly to the Northeast corner of Township 16N, Range 9W,  
Thence Westerly to the Southeast corner of Township 17N, Range 12W,  
Thence Northerly to the Northeast corner of Township 18N, Range 12W,  
Thence Westerly to the Northwest corner of Township 18N, Range 15W,  
Thence Southerly to the Southwest corner of Township 14N, Range 15W,  
Thence Easterly to the Northwest corner of Township 13N, Range 14W,  
Thence Southerly to the Southwest corner of Township 13N, Range 14W,  
Thence Easterly to the Northwest corner of Township 12N, Range 13W,  
Thence Southerly to the Southwest corner of Township 12N, Range 13W,  
Thence Easterly to the Northwest corner of Township 11N, Range 12W,  
Thence Southerly into the Pacific Ocean  
and Commencing in the Pacific Ocean on the extension of the Humboldt Base Line,  
Thence Easterly to the Northwest corner of Township 1S, Range 2E,  
Thence Southerly to the Southwest corner of Township 2S, Range 2E,  
Thence Easterly to the Northwest corner of Township 3S, Range 3E,  
Thence Southerly to the Southwest corner of Township 5S, Range 3E,  
Thence Easterly to the Southeast corner of Township 5S, Range 4E,  
Thence Northerly to the Northeast corner of Township 4S, Range 4E,  
Thence Westerly to the Southeast corner of Township 3S, Range 3E,  
Thence Northerly to the Northeast corner of Township 5N, Range 4E,  
Thence Easterly to the Southeast corner of Township 6N, Range 5E,  
Thence Northerly to the Northeast corner of Township 7N, Range 5E,  
Thence Westerly to the Southeast corner of Township 8N, Range 3E,  
Thence Northerly to the Northeast corner of Township 9N, Range 3E,  
Thence Westerly to the Southeast corner of Township 10N, Range 1E,  
Thence Northerly to the Northeast corner of Township 13N, Range 1E,  
Thence Westerly into the Pacific Ocean,  
excluding that portion of Northern California contained within the following lines:  
Commencing at the Southwest corner of Township 12N, Range 11E, of the Mount Diablo Base and Meridian,  
Thence Easterly to the Southeast corner of Township 12N, Range 16E,  
Thence Northerly to the Northeast corner of Township 12N, Range 16E,  
Thence Westerly to the Southeast corner of Township 13N, Range 15E,  
Thence Northerly to the Northeast corner of Township 13N, Range 15E,  
Thence Westerly to the Southeast corner of Township 14N, Range 14E,  
Thence Northerly to the Northeast corner of Township 16N, Range 14E,  
Thence Westerly to the Northwest corner of Township 16N, Range 12E,  
Thence Southerly to the Southwest corner of Township 16N, Range 12E,  
Thence Westerly to the Northwest corner of Township 15N, Range 11E,  
Thence Southerly to the point of beginning at the Southwest corner of Township 12N, Range 11E,

Area 2 shall be all areas not part of Area 1 described above.

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 (HEAVY AND HIGHWAY WORK)  
(SPECIAL SINGLE AND SECOND SHIFT)**

DETERMINATION: NC-23-63-1-2015-2

ISSUE DATE: August 22, 2015

EXPIRATION DATE OF DETERMINATION: June 30, 2016\* 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.

LOCALITY: All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba counties.

Classification (Journey person)	Employer Payments							Hours	Straight-Time		Overtime Hourly Rate			
	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>a</sup>	Training	Other Payments	Total Hourly Rate		Daily/ Saturday <sup>d</sup> 1 1/2X	Sunday and Holiday 2X	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>
Classification Group <sup>a</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>						Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	
Group 1	\$45.30	\$47.30	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	#	\$74.73	\$76.73	\$97.38	\$100.38	\$120.03	\$124.03
Group 2	\$43.57	\$45.57	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	#	\$73.00	\$75.00	\$94.79	\$97.79	\$116.57	\$120.57
Group 3	\$41.91	\$43.91	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	#	\$71.34	\$73.34	\$92.30	\$95.30	\$113.25	\$117.25
Group 4	\$40.35	\$42.35	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	#	\$69.78	\$71.78	\$89.96	\$92.96	\$110.13	\$114.13
Group 5	\$38.93	\$40.93	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	#	\$68.36	\$70.36	\$87.83	\$90.83	\$107.29	\$111.29
Group 6	\$37.43	\$39.43	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	#	\$66.86	\$68.86	\$85.58	\$88.58	\$104.29	\$108.29
Group 7	\$36.15	\$38.15	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	#	\$65.58	\$67.58	\$83.66	\$86.66	\$101.73	\$105.73
Group 8	\$34.88	\$36.88	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	#	\$64.31	\$66.31	\$81.75	\$84.75	\$99.19	\$103.19
Group 8-A	\$32.37	\$34.37	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	#	\$61.80	\$63.80	\$77.99	\$80.99	\$94.17	\$98.17
Group 1-A	\$46.28	\$48.28	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	#	\$75.71	\$77.71	\$98.85	\$101.85	\$121.99	\$125.99
Truck Crane Assistant to Engineer	\$38.45	\$40.45	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	#	\$67.88	\$69.88	\$87.11	\$90.11	\$106.33	\$110.33
Assistant to Engineer	\$35.86	\$37.86	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	#	\$65.29	\$67.29	\$83.22	\$86.22	\$101.15	\$105.15
Group 2-A	\$44.29	\$46.29	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	#	\$73.72	\$75.72	\$95.87	\$98.87	\$118.01	\$122.01
Truck Crane Assistant to Engineer	\$38.16	\$40.16	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	#	\$67.59	\$69.59	\$86.67	\$89.67	\$105.75	\$109.75
Assistant to Engineer	\$35.63	\$37.63	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	#	\$65.06	\$67.06	\$82.88	\$85.88	\$100.69	\$104.69
Group 3-A	\$42.33	\$44.33	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	#	\$71.76	\$73.76	\$92.93	\$95.93	\$114.09	\$118.09
Truck Crane Assistant to Engineer	\$37.89	\$39.89	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	#	\$67.32	\$69.32	\$86.27	\$89.27	\$105.21	\$109.21
Hydraulic	\$37.43	\$39.43	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	#	\$66.86	\$68.86	\$85.58	\$88.58	\$104.29	\$108.29
Assistant to Engineer	\$35.32	\$37.32	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	#	\$64.75	\$66.75	\$82.41	\$85.41	\$100.07	\$104.07
Group 4-A	\$38.93	\$40.93	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	#	\$68.36	\$70.36	\$87.83	\$90.83	\$107.29	\$111.29

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> For classifications within each group, see pages 39B-40.

<sup>b</sup> AREA 1 - Alameda, Butte, Contra Costa, Kings, Marin, Merced, Napa, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Solano, Stanislaus, Sutter, Yolo and Yuba counties; and portions of Alpine, Amador, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Lake, Lassen, Madera, Mariposa, Mendocino, Monterey, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sonoma, Tehama, Tulare, Tuolumne and Trinity counties.

<sup>c</sup> AREA 2 - Modoc, and portions of Alpine, Amador, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Lake, Lassen, Madera, Mariposa, Mendocino, Monterey, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sonoma, Tehama, Tulare, Tuolumne and Trinity counties. (Portions of counties falling in each area detailed on page 41).

<sup>d</sup> Saturday in the same work week may be worked at straight-time if a job is shut down during the normal work week due to inclement weather.

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

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 (BUILDING CONSTRUCTION)**

DETERMINATION: NC-23-63-1-2015-2A  
ISSUE DATE: August 22, 2015

EXPIRATION DATE OF DETERMINATION: June 30, 2016\* 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.

LOCALITY: All localities within Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Joaquin, Santa Cruz, Shasta, Sierra, Siskiyou, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba counties.

Classification (Journey person)	Employer Payments							Hours <sup>f</sup>	Straight-Time		Overtime Hourly Rate			
	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>g</sup>	Training	Other Payments	Total Hourly Rate		Daily/ Saturday <sup>d</sup> 1 1/2X	Sunday and Holiday 2X	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>
Classification Group <sup>a</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>							Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>
Group 1	\$39.55	\$41.55	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$68.98	\$70.98	\$88.76	\$91.76	\$108.53	\$112.53
Group 2	\$38.10	\$40.10	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$67.53	\$69.53	\$86.58	\$89.58	\$105.63	\$109.63
Group 3	\$36.70	\$38.70	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$66.13	\$68.13	\$84.48	\$87.48	\$102.83	\$106.83
Group 4	\$35.37	\$37.37	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.80	\$66.80	\$82.49	\$85.49	\$100.17	\$104.17
Group 5	\$34.16	\$36.16	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$63.59	\$65.59	\$80.67	\$83.67	\$97.75	\$101.75
Group 6	\$32.89	\$34.89	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$62.32	\$64.32	\$78.77	\$81.77	\$95.21	\$99.21
Group 7	\$31.80	\$33.80	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$61.23	\$63.23	\$77.13	\$80.13	\$93.03	\$97.03
Group 8	\$30.72	\$32.72	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$60.15	\$62.15	\$75.51	\$78.51	\$90.87	\$94.87
Group 8-A	\$28.60	\$30.60	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$58.03	\$60.03	\$72.33	\$75.33	\$86.63	\$90.63
Group 1-A	\$40.40	\$42.40	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$69.83	\$71.83	\$90.03	\$93.03	\$110.23	\$114.23
Truck Crane Assistant to Engineer	\$33.74	\$35.74	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$63.17	\$65.17	\$80.04	\$83.04	\$96.91	\$100.91
Assistant to Engineer	\$31.57	\$33.57	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$61.00	\$63.00	\$76.79	\$79.79	\$92.57	\$96.57
Group 2-A	\$38.71	\$40.71	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$68.14	\$70.14	\$87.50	\$90.50	\$106.85	\$110.85
Truck Crane Assistant to Engineer	\$33.50	\$35.50	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$62.93	\$64.93	\$79.68	\$82.68	\$96.43	\$100.43
Assistant to Engineer	\$31.35	\$33.35	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$60.78	\$62.78	\$76.46	\$79.46	\$92.13	\$96.13
Group 3-A	\$37.07	\$39.07	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$66.50	\$68.50	\$85.04	\$88.04	\$103.57	\$107.57
Truck Crane Assistant to Engineer	\$33.26	\$35.26	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$62.69	\$64.69	\$79.32	\$82.32	\$95.95	\$99.95
Hydraulic	\$32.89	\$34.89	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$62.32	\$64.32	\$78.77	\$81.77	\$95.21	\$99.21
Assistant to Engineer	\$31.10	\$33.10	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$60.53	\$62.53	\$76.08	\$79.08	\$91.63	\$95.63
Group 4-A	\$34.16	\$36.16	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$63.59	\$65.59	\$80.67	\$83.67	\$97.75	\$101.75

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> For classifications within each group, see pages 39B-40.

<sup>b</sup> AREA 1 - Butte, Kings, Merced, Napa, Sacramento, San Benito, San Joaquin, Santa Cruz, Stanislaus, Sutter, Yolo, and Yuba counties; and portions of Alpine, Amador, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Lake, Lassen, Madera, Mariposa, Mendocino, Monterey, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sonoma, Tehama, Tuolumne and Trinity counties.

<sup>c</sup> AREA 2 - Modoc, and portions of Alpine, Amador, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Lake, Lassen, Madera, Mariposa, Mendocino, Monterey, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sonoma, Tehama, Tulare, Tuolumne and Trinity counties. (Portions of counties falling in each area detailed on page 41).

<sup>d</sup> Saturday in the same work week may be worked at straight-time if a job is shut down during the normal work week due to inclement weather.

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

<sup>f</sup> When three shifts are employed for five (5) or more consecutive days, seven and one-half (7 1/2) consecutive hours (exclusive of meal period), shall constitute a day of work, for which eight (8) times the straight time hourly rate shall be paid at the non-shift wage rate for the second shift. The third shift shall be seven (7) hours of work for eight (8) hours of pay at the non-shift wage rate.

NOTE: For Special Single and Second Shift rates, please see page 40C.

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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 (BUILDING CONSTRUCTION)  
(SPECIAL SINGLE AND SECOND SHIFT)**

DETERMINATION: NC-23-63-1-2015-2A  
ISSUE DATE: August 22, 2015

EXPIRATION DATE OF DETERMINATION: June 30, 2016\* 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.

LOCALITY: All localities within Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Joaquin, Santa Cruz, Shasta, Sierra, Siskiyou, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba counties.

Classification (Journey person)	Employer Payments						Hours	Straight-Time		Overtime Hourly Rate				
	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>a</sup>	Training Payments	Other Payments		Total Hourly Rate	Daily/ Saturday <sup>d</sup> 1 1/2X	Sunday and Holiday 2X	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>
Classification Group <sup>e</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>						Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	
Group 1	\$43.70	\$45.70	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$73.13	\$75.13	\$94.98	\$97.98	\$116.83	\$120.83
Group 2	\$42.06	\$44.06	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$71.49	\$73.49	\$92.52	\$95.52	\$113.55	\$117.55
Group 3	\$40.50	\$42.50	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$69.93	\$71.93	\$90.18	\$93.18	\$110.43	\$114.43
Group 4	\$38.98	\$40.98	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$68.41	\$70.41	\$87.90	\$90.90	\$107.39	\$111.39
Group 5	\$37.63	\$39.63	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$67.06	\$69.06	\$85.88	\$88.88	\$104.69	\$108.69
Group 6	\$36.19	\$38.19	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$65.62	\$67.62	\$83.72	\$86.72	\$101.81	\$105.81
Group 7	\$34.98	\$36.98	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.41	\$66.41	\$81.90	\$84.90	\$99.39	\$103.39
Group 8	\$33.77	\$35.77	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$63.20	\$65.20	\$80.09	\$83.09	\$96.97	\$100.97
Group 8-A	\$31.38	\$33.38	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$60.81	\$62.81	\$76.50	\$79.50	\$92.19	\$96.19
Group 1-A	\$44.66	\$46.66	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$74.09	\$76.09	\$96.42	\$99.42	\$118.75	\$122.75
Truck Crane Assistant to Engineer	\$37.17	\$39.17	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$66.60	\$68.60	\$85.19	\$88.19	\$103.77	\$107.77
Assistant to Engineer	\$34.71	\$36.71	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.14	\$66.14	\$81.50	\$84.50	\$98.85	\$102.85
Group 2-A	\$42.75	\$44.75	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$72.18	\$74.18	\$93.56	\$96.56	\$114.93	\$118.93
Truck Crane Assistant to Engineer	\$36.90	\$38.90	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$66.33	\$68.33	\$84.78	\$87.78	\$103.23	\$107.23
Assistant to Engineer	\$34.47	\$36.47	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$63.90	\$65.90	\$81.14	\$84.14	\$98.37	\$102.37
Group 3-A	\$40.89	\$42.89	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$70.32	\$72.32	\$90.77	\$93.77	\$111.21	\$115.21
Truck Crane Assistant to Engineer	\$36.63	\$38.63	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$66.06	\$68.06	\$84.38	\$87.38	\$102.69	\$106.69
Hydraulic	\$36.19	\$38.19	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$65.62	\$67.62	\$83.72	\$86.72	\$101.81	\$105.81
Assistant to Engineer	\$34.19	\$36.19	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$63.62	\$65.62	\$80.72	\$83.72	\$97.81	\$101.81
Group 4-A	\$37.63	\$39.63	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$67.06	\$69.06	\$85.88	\$88.88	\$104.69	\$108.69

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> For classifications within each group, see pages 39B-40.

<sup>b</sup> AREA 1 - Butte, Kings, Merced, Napa, Sacramento, San Benito, San Joaquin, Santa Cruz, Stanislaus, Sutter, Yolo, and Yuba counties; and portions of Alpine, Amador, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Lake, Lassen, Madera, Mariposa, Mendocino, Monterey, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sonoma, Tehama, Tulare, Tuolumne and Trinity counties.

<sup>c</sup> AREA 2 - Modoc, and portions of Alpine, Amador, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Lake, Lassen, Madera, Mariposa, Mendocino, Monterey, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sonoma, Tehama, Tulare, Tuolumne and Trinity counties. (Portions of counties falling in each area detailed on page 41).

<sup>d</sup> Saturday in the same work week may be worked at straight-time if a job is shut down during the normal work week due to inclement weather.

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

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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: #STEEL ERECTOR AND FABRICATOR (OPERATING ENGINEER-HEAVY AND HIGHWAY WORK)<sup>c</sup>**

DETERMINATION: NC-23-63-1-2015-2D

ISSUE DATE: August 22, 2015

EXPIRATION DATE OF DETERMINATION: June 30, 2016\* 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.

LOCALITY: All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba counties.

Classification (Journey person)	Employer Payments					Straight-Time		Overtime Hourly Rate			
	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>d</sup>	Training	Other Payments	Hours <sup>a</sup>	Total Hourly Rate	Daily <sup>b</sup> 1 1/2X	Saturday <sup>ab</sup> 1 1/2X	Sunday and Holiday 2X
Group 1	\$42.82	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$72.25	\$93.66	\$93.66	\$115.07
Truck Crane Assistant to Engineer	\$35.50	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.93	\$82.68	\$82.68	\$100.43
Assistant to Engineer	\$33.27	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$62.70	\$79.34	\$79.34	\$95.97
Group 2	\$41.05	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$70.48	\$91.01	\$91.01	\$111.53
Truck Crane Assistant to Engineer	\$35.28	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.71	\$82.35	\$82.35	\$99.99
Assistant to Engineer	\$33.00	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$62.43	\$78.93	\$78.93	\$95.43
Group 3	\$39.57	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$69.00	\$88.79	\$88.79	\$108.57
Truck Crane Assistant to Engineer	\$35.01	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.44	\$81.95	\$81.95	\$99.45
Hydraulic Assistant to Engineer	\$34.62	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.05	\$81.36	\$81.36	\$98.67
Assistant to Engineer	\$32.78	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$62.21	\$78.60	\$78.60	\$94.99
Group 4	\$37.55	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$66.98	\$85.76	\$85.76	\$104.53
Group 5	\$36.25	\$13.28	\$10.78	\$3.86	\$0.72	\$0.74	8	\$65.63	\$83.76	\$83.76	\$101.88

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> Saturday 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.

<sup>b</sup> Rate applies to the first 2 daily overtime hours and the first 8 hours on Saturday only. All other time is paid at the Sunday/Holiday overtime rate.

<sup>c</sup> For Building Construction, see page 40B.

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

<sup>e</sup> When three shifts are employed for five (5) or more consecutive days, seven and one-half (7 1/2) consecutive hours (exclusive of meal period), shall constitute a day of work, for which eight (8) times the straight time hourly rate shall be paid at the non-shift wage rate for the second shift. The third shift shall be seven (7) hours of work for eight (8) hours of pay at the non-shift wage rate.

**GROUP 1**

Cranes over 100 tons  
Derrick over 100 tons  
Self Propelled Boom Type Lifting Device over 100 tons

**GROUP 2**

Cranes over 45 tons up to and including 100 tons  
Derrick, 100 tons and under  
Self Propelled Boom Type Lifting Device, over 45 tons  
Tower Crane

**GROUP 3**

Cranes, 45 tons and under  
Self Propelled Boom Type Lifting Device, 45 tons and under

**GROUP 4**

Chicago Boom  
Forklift, 10 tons and over  
Heavy Duty Repairman/Welder

**GROUP 5**

Boom Cat

NOTE: For Special Single and Second Shift rates, please see page 45A.

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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: #STEEL ERECTOR AND FABRICATOR (OPERATING ENGINEER-HEAVY AND HIGHWAY WORK)<sup>c</sup>  
(SPECIAL SINGLE AND SECOND SHIFT)**

DETERMINATION: NC-23-63-1-2015-2D

ISSUE DATE: August 22, 2015

EXPIRATION DATE OF DETERMINATION: June 30, 2016\* 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.

LOCALITY: All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba counties.

Classification (Journey person)	Employer Payments						Straight-Time		Overtime Hourly Rate		
	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>d</sup>	Training	Other Payments	Hours	Total Hourly Rate	Daily <sup>b</sup> 1 1/2X	Saturday <sup>abb</sup> 1 1/2X	Sunday and Holiday 2X
Group 1	\$47.37	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$76.80	\$100.49	\$100.49	\$124.17
Truck Crane Assistant to Engineer	\$39.14	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$68.57	\$88.14	\$88.14	\$107.71
Assistant to Engineer	\$36.62	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$66.05	\$84.36	\$84.36	\$102.67
Group 2	\$45.39	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$74.82	\$97.52	\$97.52	\$120.21
Truck Crane Assistant to Engineer	\$38.89	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$68.32	\$87.77	\$87.77	\$107.21
Assistant to Engineer	\$36.34	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$65.77	\$83.94	\$83.94	\$102.11
Group 3	\$43.71	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$73.14	\$95.00	\$95.00	\$116.85
Truck Crane Assistant to Engineer	\$38.59	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$68.02	\$87.32	\$87.32	\$106.61
Hydraulic	\$38.16	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$67.59	\$86.67	\$86.67	\$105.75
Assistant to Engineer	\$36.08	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$65.51	\$83.55	\$83.55	\$101.59
Group 4	\$41.45	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$70.88	\$91.61	\$91.61	\$112.33
Group 5	\$39.98	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$69.41	\$89.40	\$89.40	\$109.39

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> Saturday 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.

<sup>b</sup> Rate applies to the first 2 daily overtime hours and the first 8 hours on Saturday only. All other time is paid at the Sunday/Holiday overtime rate.

<sup>c</sup> For Building Construction, see page 40B

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

**GROUP 1**

Cranes over 100 tons  
Derrick over 100 tons  
Self Propelled Boom Type Lifting Device over 100 tons

**GROUP 2**

Cranes over 45 tons up to and including 100 tons  
Derrick, 100 tons and under  
Self Propelled Boom Type Lifting Device, over 45 tons  
Tower Crane

**GROUP 3**

Cranes, 45 tons and under  
Self Propelled Boom Type Lifting Device, 45 tons and under

**GROUP 4**

Chicago Boom  
Forklift, 10 tons and over  
Heavy Duty Repairman/Welder

**GROUP 5**

Boom Cat

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 LANDSCAPE CONSTRUCTION PROJECTS

CRAFT: # OPERATING ENGINEER

**DETERMINATION:** NC-63-3-75-2016-1

**ISSUE DATE:** February 22, 2016

**EXPIRATION DATE OF DETERMINATION:** June 30, 2016\* 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 after the expiration date if no subsequent determination is issued.

**LOCALITY:** All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties.

Classification (Journey person)	Basic Hourly Rate	Employer Payments					Straight-Time		Overtime Hourly Rate									
		Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	Health and Welfare	Pension and Holiday <sup>d</sup>	Vacation	Training	Other Payments	Hours	Total Hourly Rate	Daily 1 1/2X	Saturday <sup>e</sup> 1 1/2X	Sunday and Holiday 2X					
Classification Group <sup>a</sup>																		
		Area 1 <sup>b</sup>	Area 2 <sup>c</sup>						Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>
Group I	\$31.03	33.03	13.28	10.35	3.57	0.71	0.88	8	59.82	61.82	75.335	78.335	75.335	78.335	90.85	94.85		
Group II	27.43	29.43	13.28	10.35	3.57	0.71	0.88	8	56.22	58.22	69.935	72.935	69.935	72.935	83.65	87.65		
Group III	22.82	24.82	13.28	10.35	3.57	0.71	0.88	8	51.61	53.61	63.02	66.02	63.02	66.02	74.43	78.43		
Group IV	20.11	22.11	13.28	10.35	3.57	0.71	0.88	8	48.90	50.90	58.955	61.955	58.955	61.955	69.01	73.01		

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

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

<sup>b</sup> **AREA 1** - Alameda, Butte, Contra Costa, Kings, Marin, Merced, Napa, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Solano, Stanislaus, Sutter, Yolo and Yuba Counties; and portions of Alpine, Amador, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Lake, Lassen, Madera, Mariposa, Mendocino, Monterey, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sonoma, Tehama, Tulare, Tuolumne and Trinity Counties.

<sup>c</sup> **AREA 2** - Modoc, and portions of Alpine, Amador, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Lake, Lassen, Madera, Mariposa, Mendocino, Monterey, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sonoma, Tehama, Tulare, Tuolumne and Trinity Counties. (Portions of counties falling in each area detailed on page 41).

<sup>d</sup> Includes an amount for Supplemental Dues.

<sup>e</sup> Saturdays in the same work week may be worked at straight-time if a job is shut down during the normal work week due to inclement weather, major mechanical breakdown or shortage of materials beyond the control of the Individual Employer.

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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**

Landscape Finish Grade Operator. All finish grade work regardless of the equipment used, and all equipment with a horsepower rating of more than 65.

**Group II**

Landscape Operator up to 65 H.P. All equipment with a manufacturer's horsepower rating of 65 or less except equipment covered by Group I or Group III. The following equipment shall be included in Group II except when used for finish work so long as its manufacturer's horsepower rating is 65 or less.

- A-Frame and Winch Truck
- Backhoe
- Forklift (Jobsite)

- HDR Welder - Landscape - Operating Engineer's Equipment
- Hydro Seeder Machine
- Roller
- Rubber-Tired and Track Earthmoving Equipment
- Skiploader
- Straw Blowers
- Trencher - 35 Horsepower up to 65 Horsepower

**Group III**

- Landscape Utility Operator
- Small Rubber-Tired Tractor
- Trencher - Under 35 Horsepower

**Group IV**

- Assistant Landscape Utility Operator

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 LANDSCAPE CONSTRUCTION PROJECTS

**CRAFT: # OPERATING ENGINEER (SPECIAL SINGLE AND SECOND SHIFT)**

**DETERMINATION:** NC-63-3-75-2016-1

**ISSUE DATE:** February 22, 2016

**EXPIRATION DATE OF DETERMINATION:** June 30, 2016\* 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 after the expiration date if no subsequent determination is issued.

**LOCALITY:** All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties.

Classification (Journey person)	Basic Hourly Rate	Employer Payments					Straight-Time		Overtime Hourly Rate						
		Health and Welfare	Pension and Holiday <sup>d</sup>	Vacation	Training	Other Payments	Hours	Total Hourly Rate	Daily 1 1/2X	Saturday <sup>e</sup> 1 1/2X		Sunday & Holiday 2X			
Classification Group <sup>a</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>					Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	Area 1	Area 2 <sup>c</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	Area 1 <sup>b</sup>	Area 2 <sup>c</sup>	
Group I	\$34.44	36.44	13.28	10.35	3.57	0.71	8	63.23	65.23	80.45	83.45	80.45	83.45	97.67	101.67
Group II	30.39	32.39	13.28	10.35	3.57	0.71	8	59.18	61.18	74.375	77.375	74.375	77.375	89.57	93.57
Group III	25.20	27.20	13.28	10.35	3.57	0.71	8	53.99	55.99	66.59	69.59	66.59	69.59	79.19	83.19
Group IV	22.30	24.30	13.28	10.35	3.57	0.71	8	51.09	53.09	62.24	65.24	62.24	65.24	73.39	77.39

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

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

<sup>b</sup> **AREA 1** - Alameda, Butte, Contra Costa, Kings, Marin, Merced, Napa, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Solano, Stanislaus, Sutter, Yolo and Yuba Counties; and portions of Alpine, Amador, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Lake, Lassen, Madera, Mariposa, Mendocino, Monterey, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sonoma, Tehama, Tulare, Tuolumne and Trinity Counties.

<sup>c</sup> **AREA 2** - Modoc, and portions of Alpine, Amador, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Lake, Lassen, Madera, Mariposa, Mendocino, Monterey, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sonoma, Tehama, Tulare, Tuolumne and Trinity Counties. (Portions of counties falling in each area detailed on page 41).

<sup>d</sup> Includes an amount for Supplemental Dues.

<sup>e</sup> Saturdays in the same work week may be worked at straight-time if a job is shut down during the normal work week due to inclement weather, major mechanical breakdown or shortage of materials beyond the control of the Individual Employer.

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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**

Landscape Finish Grade Operator. All finish grade work regardless of the equipment used, and all equipment with a horsepower rating of more than 65.

**Group II**

Landscape Operator up to 65 H.P. All equipment with a manufacturer's horsepower rating of 65 or less except equipment covered by Group I or Group III. The following equipment shall be included in Group II except when used for finish work so long as its manufacturer's horsepower rating is 65 or less.

A-Frame and Winch Truck  
Backhoe  
Forklift (Jobsite)

HDR Welder - Landscape - Operating Engineer's Equipment  
Hydro Seeder Machine  
Roller  
Rubber-Tired and Track Earthmoving Equipment  
Skiploader  
Straw Blowers  
Trencher - 35 Horsepower up to 65 Horsepower

**Group III**

Landscape Utility Operator  
Small Rubber-Tired Tractor  
Trencher - Under 35 Horsepower

**Group IV**

Assistant Landscape Utility Operator

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**

(CLAMSHELL AND DIPPER DREDGING AND HYDRAULIC SUCTION DREDGING)

**DETERMINATION:** NC-63-3-12-2015-1

**ISSUE DATE:** August 22, 2015

**EXPIRATION DATE OF DETERMINATION:** June 30, 2016\*. 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.

**LOCALITY:** All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba counties.

Classification (Journey person)	Employer Payments							Straight-Time		Overtime Hourly Rate						
	Basic Hourly Rate	Health and Welfare	Pension <sup>c</sup> and Holiday <sup>d</sup>	Vacation and Holiday <sup>d</sup>	Training	Other Payments	Hours	Total Hourly Rate	Daily <sup>e</sup> 1 1/2X	Saturday <sup>f</sup> 1 1/2X	Sunday and Holiday 2X					
Classification Group <sup>a</sup>	Area 1 <sup>b</sup> Area 2 <sup>c</sup>		Area 1 <sup>b</sup> Area 2 <sup>c</sup>		Area 1 <sup>b</sup> Area 2 <sup>c</sup>		Area 1 <sup>b</sup> Area 2 <sup>c</sup>		Area 1 <sup>b</sup> Area 2 <sup>c</sup>		Area 1 <sup>b</sup> Area 2 <sup>c</sup>		Area 1 <sup>b</sup> Area 2 <sup>c</sup>		Area 1 <sup>b</sup> Area 2 <sup>c</sup>	
Group 1	\$42.17	44.17	13.28	12.29	4.70	0.13	0.25	8	72.82	74.82	93.905	96.905	93.905	96.905	114.99	118.99
Group 2	37.21	39.21	13.28	12.29	4.70	0.13	0.25	8	67.86	69.86	86.465	89.465	86.465	89.465	105.07	109.07
Group 3	36.09	38.09	13.28	12.29	4.70	0.13	0.25	8	66.74	68.74	84.785	87.785	84.785	87.785	102.83	106.83
Group 4	32.79	34.79	13.28	12.29	4.70	0.13	0.25	8	63.44	65.44	79.835	82.835	79.835	82.835	96.23	100.23
Special Single & Second Shift	Area 1 <sup>b</sup> Area 2 <sup>c</sup>		Area 1 <sup>b</sup> Area 2 <sup>c</sup>		Area 1 <sup>b</sup> Area 2 <sup>c</sup>		Area 1 <sup>b</sup> Area 2 <sup>c</sup>		Area 1 <sup>b</sup> Area 2 <sup>c</sup>		Area 1 <sup>b</sup> Area 2 <sup>c</sup>		Area 1 <sup>b</sup> Area 2 <sup>c</sup>		Area 1 <sup>b</sup> Area 2 <sup>c</sup>	
Group 1	\$46.48	48.48	13.28	12.29	4.70	0.13	0.25	8	77.13	79.13	100.370	103.370	100.370	103.370	123.61	127.61
Group 2	40.90	42.90	13.28	12.29	4.70	0.13	0.25	8	71.55	73.55	92.000	95.000	92.000	95.000	112.45	116.45
Group 3	39.64	41.64	13.28	12.29	4.70	0.13	0.25	8	70.29	72.29	90.110	93.110	90.110	93.110	109.93	113.93
Group 4	35.93	37.93	13.28	12.29	4.70	0.13	0.25	8	66.58	68.58	84.545	87.545	84.545	87.545	102.51	106.51

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

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

<sup>b</sup> **AREA 1** - Alameda, Butte, Contra Costa, Kings, Marin, Merced, Napa, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Solano, Stanislaus, Sutter, Yolo and Yuba counties; and portions of Alpine, Amador, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Lake, Lassen, Madera, Mariposa, Mendocino, Monterey, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sonoma, Tehama, Trinity, Tulare, and Tuolumne counties.

<sup>c</sup> **AREA 2** - Modoc, and portions of Alpine, Amador, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Lake, Lassen, Madera, Mariposa, Mendocino, Monterey, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sonoma, Tehama, Trinity, Tulare, and Tuolumne counties (Portions of counties falling in each area detailed on page 41).

<sup>d</sup> Includes an amount for Supplemental Dues.

<sup>e</sup> Includes an amount for Annuity Trust Fund.

<sup>f</sup> Saturday in the same workweek may be worked at straight-time if a job is shut down during the normal workweek due to inclement weather.

<sup>g</sup> Rate applies to the first 4 daily overtime hours Monday thru Friday and the first 12 hours on Saturday. All other time worked is paid at the Sunday and Holiday overtime rate.

**GROUP 1**

Chief Engineer  
Day Mate (Captain)  
Leverman/Operator

**GROUP 2**

Dredge Dozer  
HDR/Welder

**GROUP 3**

Booster Pump Operator  
Deck Engineer  
Deck Mate  
Dredge Tender  
Watch Engineer  
Welder  
Winch Man

**GROUP 4**

Bargeman  
Deckhand  
Fireman  
Leveehand  
Oiler

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: TRAFFIC CONTROL/LANE CLOSURE (LABORER) <sup>h</sup>**  
**AND**  
**# PARKING AND HIGHWAY IMPROVEMENT PAINTER (LABORER)**

**DETERMINATION:** NC-23-102-13-2015-2

**ISSUE DATE:** August 22, 2015

**EXPIRATION DATE OF DETERMINATION:** June 26, 2016\*\* 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.

**LOCALITY:** All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties.

Classification (Journey person)	Basic Hourly Rate	Employer Payments					Straight-Time		Overtime Hourly Rate		
		Health and Welfare <sup>e</sup>	Pension <sup>a</sup>	Vacation and Holiday <sup>b</sup>	Training	Other Payments	Hours	Total Hourly Rate	Daily <sup>f</sup>	Saturday <sup>c,f</sup>	Sunday And Holiday <sup>g</sup>
<b>TRAFFIC CONTROL AND RELATED CLASSIFICATIONS</b>											
<b>AREA 1 <sup>d</sup></b>											
Traffic Control Person I	28.84	7.54	10.38	2.63	0.43	0.22	8	50.04	64.46	64.46	78.88
Traffic Control Person II	26.34	7.54	10.38	2.63	0.43	0.22	8	47.54	60.71	60.71	75.68
Flag Person	28.54	7.54	10.38	2.63	0.43	0.22	8	49.74	64.01	64.01	78.28
<b>AREA 2 <sup>d</sup></b>											
Traffic Control Person I	27.84	7.54	10.38	2.63	0.43	0.22	8	49.04	62.96	62.96	76.88
Traffic Control Person II	25.34	7.54	10.38	2.63	0.43	0.22	8	46.54	59.21	59.21	71.88
Flag Person	27.54	7.54	10.38	2.63	0.43	0.22	8	48.74	62.51	62.51	76.28

**DETERMINATION:** NC-23-102-13-2016-1A

**ISSUE DATE:** February 22, 2016

**EXPIRATION DATE OF DETERMINATION:** June 26, 2016\*\* 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.

**LOCALITY:** All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, and Yuba Counties.

**STRIPER AND RELATED CLASSIFICATIONS**

Classification (Journey person)	Basic Hourly Rate	Employer Payments					Straight-Time		Overtime Hourly Rate		
		Health <sup>e</sup> and Welfare	Pension <sup>a</sup>	Vacation and Holiday <sup>b</sup>	Training	Other Payments	Hours	Total Hourly Rate	Daily <sup>f</sup>	Saturday <sup>c,f</sup>	Sunday and Holiday <sup>g</sup>
Group 1	32.25	7.54	9.42	2.48	0.41	0.19	8	52.29	68.415	68.415	84.54
Group 2	30.75	7.54	9.42	2.48	0.41	0.19	8	50.79	66.165	66.165	81.54
Group 3	29.00	7.54	9.42	2.48	0.41	0.19	8	49.04	63.54	63.54	78.04
Group 4	26.90	7.54	9.42	2.48	0.41	0.19	8	46.94	60.39	60.39	73.84

**Group 1**  
Traffic Striping Applicator

**Group 2**  
Traffic Delineating Device Applicator  
Traffic Protective System Installer  
Pavement Markings Applicator  
Decorative Asphalt Surfacing Applicator

**Group 3**  
Traffic Surface Abrasive Blaster  
Pot Tender

**Group 4**  
Parking Lots, Game Courts & Playground  
Striping Applicator  
Decorative Asphalt Surfacing Laborer

Footnotes are listed on page 44A

**Determination:** NC-23-102-13-2015-2 and NC-23-102-13-2016-1A

- # Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.
- a Includes an amount for the Annuity Trust Fund.
- b Includes an amount for Supplemental Dues.
- c Saturdays or scheduled sixth (6<sup>th</sup>) consecutive work day 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, major mechanical breakdown or lack of materials beyond the control of the employer.
- d **AREA 1** - Alameda, Contra Costa, Marin, San Francisco, San Mateo and Santa Clara Counties.  
**AREA 2** - Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Joaquin, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo and Yuba Counties.
- e Includes an amount for Retiree Health & Welfare
- f One and one-half (1-1/2) the straight time hourly rate of pay shall be paid for all work performed in excess of forty hours (40) a week or eight hours (8) a day and the sixth (6th) consecutive day worked or Saturdays.
- g Two times (2x) the straight time hourly rate of pay shall be paid for all work performed on the seventh (7th) consecutive day worked, or Sundays and holidays.
- h The rates of the Laborer classifications for the craft of Traffic Control/Lane Closure (Laborer) do not apply to traffic control work associated with parking and highway improvement projects in San Joaquin, Tuolumne, and Yolo Counties. For traffic control work associated with parking and highway improvement projects in these three counties, the minimum rate of pay is that of the Painter classifications for the craft of Parking and Highway Improvement Painter (Painter).

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. Holiday provisions for current or superseded determinations may be obtained by contacting the Prevailing Wage 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Prevailing Wage 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: #STEEL ERECTOR AND FABRICATOR (OPERATING ENGINEER-BUILDING CONSTRUCTION)

DETERMINATION: NC-23-63-1-2015-2D1

ISSUE DATE: August 22, 2015

EXPIRATION DATE OF DETERMINATION: June 30, 2016\* 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.

LOCALITY: All localities within Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Joaquin, Santa Cruz, Shasta, Sierra, Siskiyou, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba counties.

Classification <sup>b</sup> (Journey person)	Basic Hourly Rate	Health and Welfare	Employer Payments				Straight-Time		Overtime Hourly Rate		
			Pension	Vacation and Holiday <sup>c</sup>	Training	Other Payments	Hours <sup>d</sup>	Total Hourly Rate	Daily 1 1/2X	Saturday <sup>a</sup> 1 1/2X	Sunday and Holiday 2X
Group 1	\$41.34	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$70.77	\$91.44	\$91.44	\$112.11
Truck Crane Assistant to Engineer	\$34.35	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$63.78	\$80.96	\$80.96	\$98.13
Assistant to Engineer	\$32.21	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$61.64	\$77.75	\$77.75	\$93.85
Group 2	\$39.63	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$69.06	\$88.88	\$88.88	\$108.69
Truck Crane Assistant to Engineer	\$34.13	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$63.56	\$80.63	\$80.63	\$97.69
Assistant to Engineer	\$31.96	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$61.39	\$77.37	\$77.37	\$93.35
Group 3	\$38.24	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$67.67	\$86.79	\$86.79	\$105.91
Truck Crane Assistant to Engineer	\$33.88	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$63.31	\$80.25	\$80.25	\$97.19
Hydraulic	\$33.50	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$62.93	\$79.68	\$79.68	\$96.43
Assistant to Engineer	\$31.73	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$61.16	\$77.03	\$77.03	\$92.89
Group 4	\$36.31	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$65.74	\$83.90	\$83.90	\$102.05
Group 5	\$35.06	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.49	\$82.02	\$82.02	\$99.55

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> Saturday 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.

<sup>b</sup> For classifications within each group, see page 45.

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

<sup>d</sup> When three shifts are employed for five (5) or more consecutive days, seven and one-half (7 1/2) consecutive hours (exclusive of meal period), shall constitute a day of work, for which eight (8) times the straight time hourly rate shall be paid at the non-shift wage rate for the second shift. The third shift shall be seven (7) hours of work for eight (8) hours of pay at the non-shift wage rate.

NOTE: For Special Single and Second Shift rates, please see page 40D.

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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: #STEEL ERECTOR AND FABRICATOR (OPERATING ENGINEER-BUILDING CONSTRUCTION)  
(SPECIAL SINGLE AND SECOND SHIFT)**

**DETERMINATION:** NC-23-63-1-2015-2D1

**ISSUE DATE:** August 22, 2015

**EXPIRATION DATE OF DETERMINATION:** June 30, 2016\* 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.

**LOCALITY:** All localities within Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Joaquin, Santa Cruz, Shasta, Sierra, Siskiyou, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba counties.

Classification <sup>b</sup> (Journey person)	Employer Payments						Straight-Time		Overtime Hourly Rate		
	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>c</sup>	Training	Other Payments	Hours	Total Hourly Rate	Daily 1 1/2X	Saturday <sup>a</sup> 1 1/2X	Sunday and Holiday 2X
Group 1	\$45.71	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$75.14	\$98.00	\$98.00	\$120.85
Truck Crane Assistant to Engineer	\$37.85	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$67.28	\$86.21	\$86.21	\$105.13
Assistant to Engineer	\$35.43	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.86	\$82.58	\$82.58	\$100.29
Group 2	\$43.79	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$73.22	\$95.12	\$95.12	\$117.01
Truck Crane Assistant to Engineer	\$37.59	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$67.02	\$85.82	\$85.82	\$104.61
Assistant to Engineer	\$35.16	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.59	\$82.17	\$82.17	\$99.75
Group 3	\$42.21	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$71.64	\$92.75	\$92.75	\$113.85
Truck Crane Assistant to Engineer	\$37.31	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$66.74	\$85.40	\$85.40	\$104.05
Hydraulic	\$36.90	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$66.33	\$84.78	\$84.78	\$103.23
Assistant to Engineer	\$34.88	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.31	\$81.75	\$81.75	\$99.19
Group 4	\$40.06	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$69.49	\$89.52	\$89.52	\$109.55
Group 5	\$38.64	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$68.07	\$87.39	\$87.39	\$106.71

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> Saturday 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.

<sup>b</sup> For classifications within each group, see page 45.

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

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: #PILE DRIVER (OPERATING ENGINEER-HEAVY AND HIGHWAY WORK)**

DETERMINATION: NC-23-63-1-2015-2B

ISSUE DATE: August 22, 2015

EXPIRATION DATE OF DETERMINATION: June 30, 2016\* 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.

LOCALITY: All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba counties.

Classification (Journey person)	Employer Payments						Straight-Time		Overtime Hourly Rate		
	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>b</sup>	Training	Other Payments	Hours <sup>d</sup>	Total Hourly Rate	Daily <sup>c</sup> 1 1/2X	Saturday <sup>a</sup> 1 1/2X	Sunday and Holiday 2X
Group 1	\$42.19	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$71.62	\$92.72	\$92.72	\$113.81
Truck Crane Assistant to Engineer	\$35.21	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.64	\$82.25	\$82.25	\$99.85
Assistant to Engineer	\$32.93	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$62.36	\$78.83	\$78.83	\$95.29
Group 2	\$40.37	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$69.80	\$89.99	\$89.99	\$110.17
Truck Crane Assistant to Engineer	\$34.96	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.39	\$81.87	\$81.87	\$99.35
Assistant to Engineer	\$32.66	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$62.09	\$78.42	\$78.42	\$94.75
Group 3	\$38.69	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$68.12	\$87.47	\$87.47	\$106.81
Truck Crane Assistant to Engineer	\$34.67	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.10	\$81.44	\$81.44	\$98.77
Assistant to Engineer	\$32.44	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$61.87	\$78.09	\$78.09	\$94.31
Group 4	\$36.92	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$66.35	\$84.81	\$84.81	\$103.27
Group 6	\$34.28	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$63.71	\$80.85	\$80.85	\$97.99
Group 8	\$32.05	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$61.48	\$77.51	\$77.51	\$93.53

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> Saturday 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.

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

<sup>c</sup> Rate applies to the first 2 daily overtime hours only. All other time is paid at the double time rate.

<sup>d</sup> When three shifts are employed for five (5) or more consecutive days, seven and one-half (7 1/2) consecutive hours (exclusive of meal period), shall constitute a day of work, for which eight (8) times the straight time hourly rate shall be paid at the non-shift wage rate for the second shift. The third shift shall be seven (7) hours of work for eight (8) hours of pay at the non-shift wage rate.

**GROUP 1**

Clamshells Over 7 Cu Yds  
Derrick Barge Pedestal Mounted Over 100 Tons  
Self Propelled Boom Type Lifting Device Over 100 Tons  
Truck Crane Or Crawler, Land Or Barge Mounted Over 100 Tons

**GROUP 2**

Clamshells Up To And Including 7 Cu Yds  
Derrick Barge Pedestal Mounted 45 Tons Up To And Including 100 Tons  
Fundex F-12 Hydraulic Pile Rig  
Self Propelled Boom Type Lifting Device Over 45 Tons  
Truck Crane Or Crawler, Land Or Barge Mounted, Over 45 Tons  
Up To And Including 100 Tons

**GROUP 3**

Derrick Barge Pedestal Mounted Under 45 Tons  
Self Propelled Boom Type Lifting Device 45 Tons And Under  
Shid/Scow Piledriver, Any Tonnage  
Truck Crane Or Crawler, Land Or Barge Mounted 45 Tons And Under

**GROUP 4**

Assistant Operator  
Forklift, 10 Tons And Over  
Heavy Duty Repairman/Welder

**GROUP 6**

Deck Engineer

**GROUP 8**

Deckhand  
Fireman

NOTE: For Special Single and Second Shift rates, please see page 47B.

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: #PILE DRIVER (OPERATING ENGINEER-HEAVY AND HIGHWAY WORK)  
(SPECIAL SINGLE AND SECOND SHIFT)**

**DETERMINATION:** NC-23-63-1-2015-2B

**ISSUE DATE:** August 22, 2015

**EXPIRATION DATE OF DETERMINATION:** June 30, 2016\* 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.

LOCALITY: All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba counties.

Classification (Journey person)	Employer Payments						Straight-Time		Overtime Hourly Rate		
	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>b</sup>	Training	Other Payments	Hours	Total Hourly Rate	Daily <sup>c</sup> 1 1/2X	Saturday <sup>a</sup> 1 1/2X	Sunday and Holiday 2X
Group 1	\$46.66	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$76.09	\$99.42	\$99.42	\$122.75
Truck Crane Assistant to Engineer	\$38.81	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$68.24	\$87.65	\$87.65	\$107.05
Assistant to Engineer	\$36.24	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$65.67	\$83.79	\$83.79	\$101.91
Group 2	\$44.61	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$74.04	\$96.35	\$96.35	\$118.65
Truck Crane Assistant to Engineer	\$38.54	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$67.97	\$87.24	\$87.24	\$106.51
Assistant to Engineer	\$35.94	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$65.37	\$83.34	\$83.34	\$101.31
Group 3	\$42.73	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$72.16	\$93.53	\$93.53	\$114.89
Truck Crane Assistant to Engineer	\$38.21	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$67.64	\$86.75	\$86.75	\$105.85
Assistant to Engineer	\$35.70	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$65.13	\$82.98	\$82.98	\$100.83
Group 4	\$40.73	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$70.16	\$90.53	\$90.53	\$110.89
Group 6	\$37.76	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$67.19	\$86.07	\$86.07	\$104.95
Group 8	\$35.26	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.69	\$82.32	\$82.32	\$99.95

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> Saturday 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.

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

<sup>c</sup> Rate applies to the first 2 daily overtime hours only. All other time is paid at the double time rate.

**GROUP 1**

Clamshells Over 7 Cu Yds  
Derrick Barge Pedestal Mounted Over 100 Tons  
Self Propelled Boom Type Lifting Device Over 100 Tons  
Truck Crane Or Crawler, Land Or Barge Mounted Over 100 Tons

**GROUP 2**

Clamshells Up To And Including 7 Cu Yds  
Derrick Barge Pedestal Mounted 45 Tons Up To And Including 100 Tons  
Fundex F-12 Hydraulic Pile Rig  
Self Propelled Boom Type Lifting Device Over 45 Tons  
Truck Crane Or Crawler, Land Or Barge Mounted, Over 45 Tons  
Up To And Including 100 Tons

**GROUP 3**

Derrick Barge Pedestal Mounted Under 45 Tons  
Self Propelled Boom Type Lifting Device 45 Tons And Under  
Shid/Scow Piledriver, Any Tonnage  
Truck Crane Or Crawler, Land Or Barge Mounted 45 Tons And Under

**GROUP 4**

Assistant Operator  
Forklift, 10 Tons And Over  
Heavy Duty Repairman/Welder

**GROUP 6**

Deck Engineer

**GROUP 8**

Deckhand  
Fireman

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: #PILE DRIVER (OPERATING ENGINEER-BUILDING CONSTRUCTION)

DETERMINATION: NC-23-63-1-2015-2B1

ISSUE DATE: August 22, 2015

EXPIRATION DATE OF DETERMINATION: June 30, 2016\* 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.

LOCALITY: All localities within Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Joaquin, Santa Cruz, Shasta, Sierra, Siskiyou, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba counties.

Classification <sup>b</sup> (Journey person)	Employer Payments						Straight-Time		Overtime Hourly Rate		
	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>c</sup>	Training	Other Payments	Hours <sup>d</sup>	Total Hourly Rate	Daily 1 1/2X	Saturday <sup>a</sup> 1 1/2X	Sunday and Holiday 2X
Group 1	\$40.71	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$70.14	\$90.50	\$90.50	\$110.85
Truck Crane Assistant to Engineer	\$34.06	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$63.49	\$80.52	\$80.52	\$97.55
Assistant to Engineer	\$31.89	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$61.32	\$77.27	\$77.27	\$93.21
Group 2	\$39.00	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$68.43	\$87.93	\$87.93	\$107.43
Truck Crane Assistant to Engineer	\$33.83	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$63.26	\$80.18	\$80.18	\$97.09
Assistant to Engineer	\$31.64	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$61.07	\$76.89	\$76.89	\$92.71
Group 3	\$37.39	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$66.82	\$85.52	\$85.52	\$104.21
Truck Crane Assistant to Engineer	\$33.56	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$62.99	\$79.77	\$79.77	\$96.55
Assistant to Engineer	\$31.41	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$60.84	\$76.55	\$76.55	\$92.25
Group 4	\$35.69	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$65.12	\$82.97	\$82.97	\$100.81
Group 6	\$33.19	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$62.62	\$79.22	\$79.22	\$95.81
Group 8	\$31.05	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$60.48	\$76.01	\$76.01	\$91.53

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> Saturday 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.

<sup>b</sup> For classifications within each group, see page 47.

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

<sup>d</sup> When three shifts are employed for five (5) or more consecutive days, seven and one-half (7 1/2) consecutive hours (exclusive of meal period), shall constitute a day of work, for which eight (8) times the straight time hourly rate shall be paid at the non-shift wage rate for the second shift. The third shift shall be seven (7) hours of work for eight (8) hours of pay at the non-shift wage rate.

NOTE: For Special Single and Second Shift rates, please see page 47C.

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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: #PILE DRIVER (OPERATING ENGINEER-BUILDING CONSTRUCTION)  
(SPECIAL SINGLE AND SECOND SHIFT)**

DETERMINATION: NC-23-63-1-2015-2B1

ISSUE DATE: August 22, 2015

EXPIRATION DATE OF DETERMINATION: June 30, 2016\* 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.

LOCALITY: All localities within Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Joaquin, Santa Cruz, Shasta, Sierra, Siskiyou, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba counties.

Classification <sup>b</sup> (Journey person)	Employer Payments						Straight-Time		Overtime Hourly Rate		
	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>c</sup>	Training	Other Payments	Hours	Total Hourly Rate	Daily 1 1/2X	Saturday <sup>a</sup> 1 1/2X	Sunday and Holiday 2X
Group 1	\$45.00	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$74.43	\$96.93	\$96.93	\$119.43
Truck Crane Assistant to Engineer	\$37.52	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$66.95	\$85.71	\$85.71	\$104.47
Assistant to Engineer	\$35.08	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.51	\$82.05	\$82.05	\$99.59
Group 2	\$43.06	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$72.49	\$94.02	\$94.02	\$115.55
Truck Crane Assistant to Engineer	\$37.27	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$66.70	\$85.34	\$85.34	\$103.97
Assistant to Engineer	\$34.80	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.23	\$81.63	\$81.63	\$99.03
Group 3	\$41.27	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$70.70	\$91.34	\$91.34	\$111.97
Truck Crane Assistant to Engineer	\$36.96	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$66.39	\$84.87	\$84.87	\$103.35
Assistant to Engineer	\$34.53	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$63.96	\$81.23	\$81.23	\$98.49
Group 4	\$39.34	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$68.77	\$88.44	\$88.44	\$108.11
Group 6	\$36.53	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$65.96	\$84.23	\$84.23	\$102.49
Group 8	\$34.14	\$13.03	\$10.78	\$3.91	\$0.72	\$0.74	8	\$63.32	\$80.39	\$80.39	\$97.46

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> Saturday 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.

<sup>b</sup> For classifications within each group, see page 47.

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

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: #LABORER AND RELATED CLASSIFICATIONS

DETERMINATION: NC-23-102-1-2015-2

ISSUE DATE: August 22, 2015

EXPIRATION DATE OF DETERMINATION: JUNE 26, 2016\*\* 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.

LOCALITY: ALL LOCALITIES WITHIN ALAMEDA, ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, CONTRA COSTA, DEL NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, KINGS, LAKE, LASSEN, MADERA, MARIPOSA, MARIN, MENDOCINO, MERCED, MODOC, MONTEREY, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, STANISLAUS, SUTTER, TEHAMA, TRINITY, TULARE, TUOLUMNE, YOLO AND YUBA COUNTIES.

Classification <sup>a</sup> (Journey person)	Basic Hourly Rate <sup>b</sup>	Employer Payments					Straight-Time		Overtime Hourly Rate		Sunday/ Holiday 2X
		Health and Welfare	Pension	Vacation and Holiday	Training	Other Payments	Hours <sup>d</sup>	Total Hourly Rate	Daily 1 1/2X	Saturday <sup>b</sup> 1 1/2X	
<b>AREA 1<sup>c</sup></b>											
Construction Specialist	29.49	7.54	10.38	2.63	0.43	0.22	8	50.69	65.435	65.435	80.18
Group 1; Group 1(B) <sup>e</sup>	28.79	7.54	10.38	2.63	0.43	0.22	8	49.99	64.385	64.385	78.78
Group 1 (A)	29.01	7.54	10.38	2.63	0.43	0.22	8	50.21	64.715	64.715	79.22
Group 1 (C)	28.84	7.54	10.38	2.63	0.43	0.22	8	50.04	64.46	64.46	78.88
Group 1 (E)	29.34	7.54	10.38	2.63	0.43	0.22	8	50.54	65.21	65.21	79.88
Group 1 (F-1)	29.37	7.54	10.38	2.63	0.43	0.22	8	50.57	65.255	65.255	79.94
Group 1 (F-2)	28.39	7.54	10.38	2.63	0.43	0.22	8	49.59	63.785	63.785	77.98
Group 1 (G)	28.99	7.54	10.38	2.63	0.43	0.22	8	50.19	64.685	64.685	79.18
Group 2	28.64	7.54	10.38	2.63	0.43	0.22	8	49.84	64.16	64.16	78.48
Group 3; Group 3(A)	28.54	7.54	10.38	2.63	0.43	0.22	8	49.74	64.01	64.01	78.28
Group 4; Group 6(B)	22.23	7.54	10.38	2.63	0.43	0.22	8	43.43	54.545 <sup>d</sup>	54.545 <sup>d</sup>	65.66 <sup>d</sup>
Group 6	29.75	7.54	10.38	2.63	0.43	0.22	8	50.95	65.825	65.825	80.70
Group 6 (A)	29.25	7.54	10.38	2.63	0.43	0.22	8	50.45	65.075	65.075	79.70
Group 6 (C)	28.66	7.54	10.38	2.63	0.43	0.22	8	49.86	64.19	64.19	78.52
Group 7 – Stage 1 (1 <sup>st</sup> 6 months)	19.98	7.54	10.38	2.63	0.43	0.22	8	41.18	51.17	51.17	61.16
Stage 2 (2 <sup>nd</sup> 6 months)	22.83	7.54	10.38	2.63	0.43	0.22	8	44.03	55.445	55.445	66.86
Stage 3 (3 <sup>rd</sup> 6 months)	25.69	7.54	10.38	2.63	0.43	0.22	8	46.89	59.735	59.735	72.58
<b>AREA 2<sup>c</sup></b>											
Construction Specialist	28.49	7.54	10.38	2.63	0.43	0.22	8	49.69	63.935	63.935	78.18
Group 1; Group 1(B) <sup>e</sup>	27.79	7.54	10.38	2.63	0.43	0.22	8	48.99	62.885	62.885	76.78
Group 1 (A)	28.01	7.54	10.38	2.63	0.43	0.22	8	49.21	63.215	63.215	77.22
Group 1 (C)	27.84	7.54	10.38	2.63	0.43	0.22	8	49.04	62.96	62.96	76.88
Group 1 (E)	28.34	7.54	10.38	2.63	0.43	0.22	8	49.54	63.71	63.71	77.88
Group 1 (F-1)	28.37	7.54	10.38	2.63	0.43	0.22	8	49.57	63.755	63.755	77.94
Group 1 (F-2)	27.39	7.54	10.38	2.63	0.43	0.22	8	48.59	62.285	62.285	75.98
Group 2	27.64	7.54	10.38	2.63	0.43	0.22	8	48.84	62.66	62.66	76.48
Group 3; Group 3(A)	27.54	7.54	10.38	2.63	0.43	0.22	8	48.74	62.51	62.51	76.28
Group 4; Group 6(B)	21.23	7.54	10.38	2.63	0.43	0.22	8	42.43	53.045 <sup>d</sup>	53.045 <sup>d</sup>	63.66 <sup>d</sup>
Group 6	28.75	7.54	10.38	2.63	0.43	0.22	8	49.95	64.325	64.325	78.70
Group 6 (A)	28.25	7.54	10.38	2.63	0.43	0.22	8	49.45	63.575	63.575	77.70
Group 6 (C)	27.66	7.54	10.38	2.63	0.43	0.22	8	48.86	62.69	62.69	76.52
Group 7 – Stage 1 (1 <sup>st</sup> 6 months)	19.28	7.54	10.38	2.63	0.43	0.22	8	40.48	50.12	50.12	59.76
Stage 2 (2 <sup>nd</sup> 6 months)	22.03	7.54	10.38	2.63	0.43	0.22	8	43.23	54.245	54.245	65.26
Stage 3 (3 <sup>rd</sup> 6 months)	24.79	7.54	10.38	2.63	0.43	0.22	8	45.99	58.385	58.385	70.78

PLEASE GO TO PAGE 50 FOR CLASSIFICATIONS WITHIN EACH GROUP

# INDICATES AN APPRENTICEABLE CRAFT. THE CURRENT APPRENTICE WAGE RATES ARE AVAILABLE ON THE INTERNET AT

[HTTP://WWW.DIR.CA.GOV/OPRL/PWAPPWAGE/PWAPPWAGESTART.ASP](http://www.dir.ca.gov/OPRL/PWAPPWAGE/PWAPPWAGESTART.ASP). TO OBTAIN ANY APPRENTICE WAGE RATES AS OF JULY 1, 2008 AND PRIOR TO SEPTEMBER 27, 2012, PLEASE CONTACT THE DIVISION OF APPRENTICESHIP STANDARDS OR REFER TO THE DIVISION OF APPRENTICESHIP STANDARDS' WEBSITE AT [HTTP://WWW.DIR.CA.GOV/DAS/DAS.HTML](http://www.dir.ca.gov/DAS/DAS.HTML).

a GROUP 1(D) - MAINTENANCE OR REPAIR TRACKMEN AND ROAD BEDS AND ALL EMPLOYEES PERFORMING WORK COVERED BY THIS CLASSIFICATION SHALL RECEIVE \$0.25 PER HOUR ABOVE THEIR REGULAR RATE FOR ALL WORK PERFORMED ON UNDERGROUND STRUCTURES NOT SPECIFICALLY COVERED HEREIN. THIS SHALL NOT APPLY TO WORK BELOW GROUND LEVEL IN OPEN CUT. THIS SHALL APPLY TO CUT AND COVER WORK OF SUBWAY CONSTRUCTION AFTER TEMPORARY COVER HAS BEEN PLACED.

GROUP 1(H) - ALL LABORERS WORKING OFF OR WITH OR FROM BOS'N CHAIRS, SWINGING SCAFFOLDS, BELTS RECEIVE \$0.25 PER HOUR ABOVE THEIR APPLICABLE WAGE RATE. THIS SHALL NOT APPLY TO LABORERS ENTITLED TO RECEIVE THE WAGE RATE SET FORTH IN GROUP 1(A).

b SATURDAYS IN THE SAME WORK WEEK MAY BE WORKED AT STRAIGHT-TIME IF 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.

c **AREA 1** - ALAMEDA, CONTRA COSTA, MARIN, SAN FRANCISCO, SAN MATEO, AND SANTA CLARA COUNTIES.

**AREA 2** - ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, DEL NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, KINGS, LAKE, LASSEN, MADERA, MARIPOSA, MENDOCINO, MERCED, MODOC, MONTEREY, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, STANISLAUS, SUTTER, TEHAMA, TRINITY, TULARE, TUOLUMNE, YOLO AND YUBA COUNTIES.

d SERVICE LANDSCAPE LABORER ON NEW CONSTRUCTION MAY WORK ANY FIVE (5) DAYS WITHIN A WEEK.

e GROUP 1(B) RECEIVES AN ADDITIONAL AMOUNT EACH DAY. SEE PAGE 50 FOR DETAILS.

f WHEN THREE SHIFTS ARE EMPLOYED FOR FIVE (5) OR MORE CONSECUTIVE DAYS, SEVEN AND ONE-HALF (7 1/2) CONSECUTIVE HOURS (EXCLUSIVE OF MEAL PERIOD), SHALL CONSTITUTE A DAY OF WORK, FOR WHICH EIGHT (8) TIMES THE STRAIGHT TIME HOURLY RATE SHALL BE PAID AT THE NON-SHIFT WAGE RATE FOR THE SECOND SHIFT. THE THIRD SHIFT SHALL BE SEVEN (7) HOURS OF WORK FOR EIGHT (8) HOURS PAY AT THE NON-SHIFT WAGE RATE.

g ZONE PAY AT THREE DOLLARS (\$3.00) PER HOUR, FACTORED AT THE APPLICABLE OVERTIME MULTIPLE. WILL BE ADDED TO THE BASE RATE FOR WORK PERFORMED OUTSIDE THE FREE ZONE DESCRIBED BY THE BOUNDARIES ALONG TOWNSHIP AND RANGE LINES. PLEASE SEE TRAVEL AND SUBSISTENCE PROVISION FOR MAP DESCRIPTION AND EXCEPTIONS.

**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 INTERNET AT [HTTP://WWW.DIR.CA.GOV/OPRL/PWD](http://www.dir.ca.gov/OPRL/PWD). 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 INTERNET AT [HTTP://WWW.DIR.CA.GOV/OPRL/PWD](http://www.dir.ca.gov/OPRL/PWD). 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.

DETERMINATION: NC-23-102-1-2015-2 and NC-23-102-1-2015-2A

**CONSTRUCTION SPECIALIST**

ASPHALT IRONERS AND RAKERS  
CHAINSAW  
CONCRETE DIAMOND CHAINSAW  
LASER BEAM IN CONNECTION WITH LABORER'S WORK  
MASONRY AND PLASTER TENDER  
CAST IN PLACE MANHOLE FORM SETTERS  
PRESSURE PIPELAYERS  
DAVIS TRENCHER - 300 OR SIMILAR TYPE (AND ALL SMALL TRENCHERS)  
STATE LICENSED BLASTERS AS DESIGNATED  
DIAMOND DRILLERS  
DIAMOND CORE DRILLER  
MULTIPLE UNIT DRILLS  
HIGH SCALERS (INCLUDING DRILLING OF SAME)  
HYDRAULIC DRILLS  
CERTIFIED WELDER

**GROUP 1 (FOR CONTRA COSTA COUNTY ONLY. USE GROUP 1 (G) FOR SOME OF THE FOLLOWING CLASSIFICATIONS)**

ASPHALT SPREADER BOXES (ALL TYPES)  
BARRO, WACKER AND SIMILAR TYPE TAMPERS  
BUGGYMOBILE  
CAULKERS, BANDERS, PIPEWRAPPERS, CONDUIT LAYERS, PLASTIC PIPE LAYERS  
CERTIFIED ASBESTOS AND MOLD REMOVAL WORKER  
CERTIFIED HAZARDOUS WASTE WORKER (INCLUDING LEAD ABATEMENT)  
COMPACTORS OF ALL TYPES  
CONCRETE AND MAGNESITE MIXER AND 1/2 YARD  
CONCRETE PAN WORK  
CONCRETE SANDERS, CONCRETE SAW  
CRIBBERS AND/OR SHORING  
CUT GRANITE CURB SETTER  
DRI PAK-IT MACHINE  
FALLER, LOGLOADER AND BUCKER  
FORM RAISERS, SLIP FORMS  
GREEN CUTTERS  
HEADERBOARD MEN, HUBSETTERS, ALIGNERS BY ANY METHOD  
HIGH PRESSURE BLOW PIPE (1-1/2" OR OVER, 100 LBS. PRESSURE/OVER)  
HYDRO SEEDER AND SIMILAR TYPE  
JACKHAMMER OPERATORS  
JACKING OF PIPE OVER 12 INCHES  
JACKSON AND SIMILAR TYPE COMPACTORS  
KETTLEMEN, POTMEN, AND MEN APPLYING ASPHALT, LAY-KOLD, CREOSOTE, LIME, CAUSTIC AND SIMILAR TYPE MATERIALS (APPLYING MEANS APPLYING DIPPING, OR HANDLING OF SUCH MATERIALS)  
LAGGING, SHEETING, WHALING, BRACING, TRENCH-JACKING, LAGGING HAMMER  
MAGNESITE, EPOXY RESIN, FIBER GLASS AND MASTIC WORKERS (WET/DRY)  
NO JOINT PIPE AND STRIPPING OF SAME, INCLUDING REPAIR OF VOIDS  
PAVEMENT BREAKERS AND SPADERS, INCLUDING TOOL GRINDER  
PERMA CURBS  
PRECAST-MANHOLE SETTERS  
PIPELAYERS (INCLUDING GRADE CHECKING IN CONNECTION WITH PIPELAYING)  
PRESSURE PIPE TESTER  
POST HOLE DIGGERS-AIR, GAS, AND ELECTRIC POWER BROOM SWEEPERS  
POWER TAMPERS OF ALL TYPES, EXCEPT AS SHOWN IN GROUP 2  
RAM SET GUN AND STUD GUN  
RIPRAP-STONEPAVER AND ROCK-SLINGER, INCLUDING PLACING OF SACKED CONCRETE AND/OR SAND (WET OR DRY) AND GABIONS AND SIMILAR TYPE  
ROTARY SCARIFIER OR MULTIPLE HEAD CONCRETE CHIPPING SCARIFIER  
ROTO AND DITCH WITCH  
ROTOTILLER  
SAND BLASTERS, POTMEN, GUNMEN, AND NOZZLEMEN  
SIGNALING AND RIGGING  
SKILLED WRECKER (REMOVING AND SALVAGING OF SASH, WINDOWS, DOORS, PLUMBING AND ELECTRIC FIXTURES)  
TANK CLEANERS  
TREE CLIMBERS  
TRENCHLESS TECHNOLOGY LABORER- PIPE INSTALLATION, BURSTING, RELINING, OR SIMILAR  
TRENCHLESS LABORER'S WORK, CAMERA CONTROLLER  
TURBO BLASTER  
VIBRA-SCREED-BULL FLOAT IN CONNECTION WITH LABORER'S WORK  
VIBRATORS

**GROUP 1 (A)**

ALL WORK OF LOADING, PLACING AND BLASTING OF ALL POWDER & EXPLOSIVES OF WHATEVER TYPE, REGARDLESS OF METHOD USED FOR LOADING AND PLACING  
JOY DRILL MODEL TWM-2A  
GARDENER-DENVER MODEL DH 143 AND SIMILAR TYPE DRILLS  
TRACK DRILLERS  
JACK LEG DRILLERS  
WAGON DRILLERS  
MECHANICAL DRILLERS-ALL TYPES REGARDLESS OF TYPE OR METHOD OF POWER  
MECHANICAL PIPE LAYER-ALL TYPES REGARDLESS OF TYPE OR METHOD OF POWER  
BLASTERS AND POWDERMAN  
TREE TOPPER  
BIT GRINDER

**GROUP 1 (B) - SEE GROUP 1 RATES**

SEWER CLEANERS (ANY WORKMEN WHO HANDLE OR COME IN CONTACT WITH RAW SEWAGE IN SMALL DIAMETER SEWERS) SHALL RECEIVE \$4.00 PER DAY ABOVE GROUP 1 WAGE RATES. THOSE WHO WORK INSIDE RECENTLY ACTIVE, LARGE DIAMETER SEWERS, AND ALL RECENTLY ACTIVE SEWER MANHOLES SHALL RECEIVE \$5.00 PER DAY ABOVE GROUP 1 WAGE RATES.

**GROUP 1 (C)**

BURNING AND WELDING IN CONNECTION WITH LABORER'S WORK  
SYNTHETIC THERMOPLASTICS AND SIMILAR TYPE WELDING

**GROUP 1 (D)**

SEE FOOTNOTE A ON PAGE 49

**GROUP 1 (E)**

WORK ON AND/OR IN BELL HOLE FOOTINGS AND SHAFTS THEREOF, AND WORK ON AND IN DEEP FOOTINGS (DEEP FOOTINGS IS A HOLE 15 FEET OR MORE IN DEPTH) SHAFT IS AN EXCAVATION OVER FIFTEEN (15) FEET DEEP OF ANY TYPE

**GROUP 1 (F-1)**

ALIGNER OF WIRE WINDING MACHINE IN CONNECTION WITH GUNITING OR SHOT CRETE

**GROUP 1 (F-2)**

ALIGNER HELPER OF WIRE WINDING MACHINE IN CONNECTION WITH GUNITING OR SHOT CRETE

**GROUP 1 (G) APPLIES ONLY TO WORK IN CONTRA COSTA COUNTY**

PIPELAYERS (INCLUDING GRADE CHECKING IN CONNECTION WITH PIPELAYING), CAULKERS, BANDERS, PIPEWRAPPERS, CONDUIT LAYERS, PLASTIC PIPE LAYER, PRESSURE PIPE TESTER, NO JOINT PIPE AND STRIPPING OF SAME, INCLUDING REPAIR OF VOIDS, PRECAST MANHOLE SETTERS, CAST IN PLACE MANHOLE FORM SETTERS IN CONTRA COSTA COUNTY ONLY

**GROUP 1 (H)**

SEE FOOTNOTE A ON PAGE 49

**GROUP 2**

ASPHALT SHOVELERS  
CEMENT DUMPERS AND HANDLING DRY CEMENT OR GYPSUM  
CHOKE-SETTER AND RIGGER (CLEARING WORK)  
CONCRETE BUCKET DUMPER AND CHUTEMAN  
CONCRETE CHIPPING AND GRINDING  
CONCRETE LABORERS (WET OR DRY)  
DRILLERS HELPER, CHUCK TENDER, NIPPER (ONE CHUCKTENDER ON SINGLE MACHINE OPERATION WITH MINIMUM OF ONE CHUCKTENDER FOR EACH TWO MACHINES ON MULTIPLE MACHINE OPERATION, JACKHAMMERS IN NO WAY INVOLVED IN THIS ITEM.)  
GUINEA CHASER (STAKEMAN), GROUT CREW  
HIGH PRESSURE NOZZLEMAN, ADDUCTORS  
HYDRAULIC MONITOR (OVER 100 LBS. PRESSURE)  
LOADING AND UNLOADING, CARRYING AND HANDLING OF ALL RODS AND MATERIALS FOR USE IN REINFORCING CONCRETE CONSTRUCTION  
PITTSBURGH CHIPPER, AND SIMILAR TYPE BRUSH SHREDDERS  
SEMI-SKILLED WRECKER (SALVAGING OF OTHER BUILDING MATERIALS) - SEE ALSO SKILLED WRECKER (GROUP 1)  
SLOPER  
SINGLEFOOT, HAND HELD, PNEUMATIC TAMPER  
ALL PNEUMATIC, AIR, GAS AND ELECTRIC TOOLS NOT LISTED IN GROUPS 1 THROUGH 1 (F) JACKING OF PIPE-UNDER 12 INCHES

**GROUP 3**

CONSTRUCTION LABORERS INCLUDING BRIDGE LABORERS, GENERAL LABORERS AND CLEANUP LABORERS  
DEMOLITION WORKER  
DUMPMAN, LOAD SPOTTER  
FLAGPERSON/PEDESTRIAN MONITOR  
FIRE WATCHER  
FENCE ERECTORS, INCLUDING TEMPORARY FENCING  
GUARDRAIL ERECTORS  
GARDENER, HORTICULTURAL AND LANDSCAPE LABORERS (SEE GROUP 4, FOR LANDSCAPE MAINTENANCE ON NEW CONSTRUCTION DURING PLANT ESTABLISHMENT PERIOD)  
JETTING  
LIMBERS, BRUSH LOADERS, AND PILERS  
PAVEMENT MARKERS (BUTTON SETTERS)  
PAVERS/INTERLOCKING PAVERS (ALL TYPES) AND INTERLOCKING PAVEMENT MACHINES  
MAINTENANCE, REPAIR TRACKMEN AND ROAD BEDS  
STREETCAR AND RAILROAD CONSTRUCTION TRACK LABORERS  
TEMPORARY AIR AND WATER LINES, VICTAULIC OR SIMILAR  
TOOL ROOM ATTENDANT (JOB SITE ONLY)  
WHEELBARROW, INCLUDING POWER DRIVEN

**GROUP 3 (A) - SEE GROUP 3 RATES**

COMPOSITE CREW PERSON (OPERATION OF VEHICLES, WHEN IN CONJUNCTION WITH LABORER'S DUTIES)

**GROUP 4**

ALL FINAL CLEANUP OF DEBRIS, GROUNDS AND BUILDINGS NEAR THE COMPLETION OF THE PROJECT INCLUDING BUT NOT LIMITED TO STREET CLEANERS (NOT APPLICABLE TO ENGINEERING OR HEAVY HIGHWAY PROJECTS)  
CLEANING AND WASHING WINDOWS (NEW CONSTRUCTION ONLY), SERVICE LANDSCAPE LABORERS (SUCH AS GARDENER, HORTICULTURE, MOWING, TRIMMING, REPLANTING, WATERING DURING PLANT ESTABLISHMENT PERIOD) ON NEW CONSTRUCTION  
BRICK CLEANERS (JOB SITE ONLY)  
MATERIAL CLEANERS (JOB SITE ONLY)

**NOTE:** AN ADDITIONAL DETERMINATION FOR LANDSCAPE MAINTENANCE WORK AFTER THE PLANT ESTABLISHMENT PERIOD OR WARRANTY PERIOD IS PUBLISHED ON PAGE 57 OF THESE GENERAL DETERMINATIONS.

**GROUP 6**

STRUCTURAL NOZZLEMAN

**GROUP 6 (A)**

NOZZLEMAN (INCLUDING GUNMAN, POTMAN)  
RODMAN  
GROUNDMAN

**GROUP 6 (B) -- SEE GROUP 4 RATES**

GUNITE TRAINEE (ONE GUNITE LABORER SHALL BE ALLOWED FOR EACH THREE (3) JOURNEYMAN (GROUP 6, 6A, 6C, OR GENERAL LABORER) ON A CREW. IN THE ABSENCE OF THE JOURNEYMAN, THE GUNITE TRAINEE RECEIVES THE JOURNEYMAN SCALE.).  
NOTE: THIS RATIO APPLIES ONLY TO WORK ON THE SAME JOB SITE.

**GROUP 6 (C)**

REBOUNDMAN

**GROUP 7**

LANDSCAPE LABORER TRAINEE (RATIO FOR TRAINEES IS ONE IN THREE. AT LEAST ONE SECOND PERIOD TRAINEE AND AT LEAST ONE THIRD PERIOD TRAINEE MUST BE EMPLOYED BEFORE EMPLOYING ANOTHER FIRST PERIOD TRAINEE).

NOTE: THIS RATIO APPLIES ONLY TO WORK ON THE SAME JOB SITE.

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 (Special Single and Second Shift)**

DETERMINATION: NC-23-102-1-2015-2A

ISSUE DATE: August 22, 2015

EXPIRATION DATE OF DETERMINATION: JUNE 26, 2016\*\* 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.

LOCALITY: ALL LOCALITIES WITHIN ALAMEDA, ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, CONTRA COSTA, DEL NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, KINGS, LAKE, LASSEN, MADERA, MARIPOSA, MARIN, MENDOCINO, MERCED, MODOC, MONTEREY, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, STANISLAUS, SUTTER, TEHAMA, TRINITY, TULARE, TUOLUMNE, YOLO, AND YUBA COUNTIES.

Classification <sup>a</sup> (Journey person)	Basic Hourly Rate <sup>f</sup>	Employer Payments					Straight-Time		Overtime Hourly Rate		
		Health and Welfare	Pension	Vacation and Holiday	Training	Other Payments	Hours	Total Hourly Rate	Daily 1 1/2X	Saturday <sup>b</sup> 1 1/2X	Sunday/ Holiday 2X
<b>AREA 1<sup>c</sup></b>											
Construction Specialist	32.49	7.54	10.38	2.63	0.43	0.22	8	53.69	69.935	69.935	86.18
Group 1; Group 1(B) <sup>e</sup>	31.79	7.54	10.38	2.63	0.43	0.22	8	52.99	68.885	68.885	84.78
Group 1 (A)	32.01	7.54	10.38	2.63	0.43	0.22	8	53.21	69.215	69.215	85.22
Group 1 (C)	31.84	7.54	10.38	2.63	0.43	0.22	8	53.04	68.96	68.96	84.88
Group 1 (E)	32.34	7.54	10.38	2.63	0.43	0.22	8	53.54	69.71	69.71	85.88
Group 1 (F-1)	32.37	7.54	10.38	2.63	0.43	0.22	8	53.57	69.755	69.755	85.94
Group 1 (F-2)	31.39	7.54	10.38	2.63	0.43	0.22	8	52.59	68.285	68.285	83.98
Group 1 (G)	31.99	7.54	10.38	2.63	0.43	0.22	8	53.19	69.185	69.185	85.18
Group 2	31.64	7.54	10.38	2.63	0.43	0.22	8	52.84	68.66	68.66	84.48
Group 3; Group 3(A)	31.54	7.54	10.38	2.63	0.43	0.22	8	52.74	68.51	68.51	84.28
Group 4; Group 6(B)	25.23	7.54	10.38	2.63	0.43	0.22	8	46.43	59.045 <sup>d</sup>	59.045 <sup>d</sup>	71.66 <sup>d</sup>
Group 6	32.75	7.54	10.38	2.63	0.43	0.22	8	53.95	70.325	70.325	86.70
Group 6 (A)	32.25	7.54	10.38	2.63	0.43	0.22	8	53.45	69.575	69.575	85.70
Group 6 (C)	31.66	7.54	10.38	2.63	0.43	0.22	8	52.86	68.69	68.69	84.52
Group 7 – Stage 1 (1 <sup>st</sup> 6 months)	22.98	7.54	10.38	2.63	0.43	0.22	8	44.18	55.67	55.67	67.16
Stage 2 (2 <sup>nd</sup> 6 months)	25.83	7.54	10.38	2.63	0.43	0.22	8	47.03	59.945	59.945	72.86
Stage 3 (3 <sup>rd</sup> 6 months)	28.69	7.54	10.38	2.63	0.43	0.22	8	49.89	64.235	64.235	78.58
<b>AREA 2<sup>c</sup></b>											
Construction Specialist	31.34	7.54	10.38	2.63	0.43	0.22	8	52.54	68.21	68.21	83.88
Group 1; Group 1(B) <sup>e</sup>	30.64	7.54	10.38	2.63	0.43	0.22	8	51.84	67.16	67.16	82.48
Group 1 (A)	30.86	7.54	10.38	2.63	0.43	0.22	8	52.06	67.49	67.49	82.92
Group 1 (C)	30.69	7.54	10.38	2.63	0.43	0.22	8	51.89	67.235	67.235	82.58
Group 1 (E)	31.19	7.54	10.38	2.63	0.43	0.22	8	52.39	67.985	67.985	83.58
Group 1 (F-1)	31.22	7.54	10.38	2.63	0.43	0.22	8	52.42	68.03	68.03	83.64
Group 1 (F-2)	30.24	7.54	10.38	2.63	0.43	0.22	8	51.44	66.56	66.56	81.68
Group 2	30.49	7.54	10.38	2.63	0.43	0.22	8	51.69	66.935	66.935	82.18
Group 3; Group 3(A)	30.39	7.54	10.38	2.63	0.43	0.22	8	51.59	66.785	66.785	81.98
Group 4; Group 6(B)	24.08	7.54	10.38	2.63	0.43	0.22	8	45.28	57.32 <sup>d</sup>	57.32 <sup>d</sup>	69.36 <sup>d</sup>
Group 6	31.60	7.54	10.38	2.63	0.43	0.22	8	52.80	68.60	68.60	84.40
Group 6 (A)	31.10	7.54	10.38	2.63	0.43	0.22	8	52.30	67.85	67.85	83.40
Group 6 (C)	30.51	7.54	10.38	2.63	0.43	0.22	8	51.71	66.965	66.965	82.22
Group 7 – Stage 1 (1 <sup>st</sup> 6 months)	22.13	7.54	10.38	2.63	0.43	0.22	8	43.33	54.395	54.395	65.46
Stage 2 (2 <sup>nd</sup> 6 months)	24.88	7.54	10.38	2.63	0.43	0.22	8	46.08	58.52	58.52	70.96
Stage 3 (3 <sup>rd</sup> 6 months)	27.64	7.54	10.38	2.63	0.43	0.22	8	48.84	62.66	62.66	76.48

PLEASE GO TO PAGE 50 FOR CLASSIFICATIONS WITHIN EACH GROUP

# INDICATES AN APPRENTICEABLE CRAFT. THE CURRENT APPRENTICE WAGE RATES ARE AVAILABLE ON THE INTERNET AT

[HTTP://WWW.DIR.CA.GOV/OPRI/PWAPPWAGE/PWAPPWAGESTART.ASP](http://www.dir.ca.gov/OPRI/PWAPPWAGE/PWAPPWAGESTART.ASP). TO OBTAIN ANY APPRENTICE WAGE RATES AS OF JULY 1, 2008 AND PRIOR TO SEPTEMBER 27, 2012, PLEASE CONTACT THE DIVISION OF APPRENTICESHIP STANDARDS OR REFER TO THE DIVISION OF APPRENTICESHIP STANDARDS' WEBSITE AT [HTTP://WWW.DIR.CA.GOV/DAS/DAS.HTML](http://www.dir.ca.gov/DAS/DAS.HTML).

a GROUP 1(D) - MAINTENANCE OR REPAIR TRACKMEN AND ROAD BEDS AND ALL EMPLOYEES PERFORMING WORK COVERED BY THIS CLASSIFICATION SHALL RECEIVE \$0.25 PER HOUR ABOVE THEIR REGULAR RATE FOR ALL WORK PERFORMED ON UNDERGROUND STRUCTURES NOT SPECIFICALLY COVERED HEREIN. THIS SHALL NOT APPLY TO WORK BELOW GROUND LEVEL IN OPEN CUT. THIS SHALL APPLY TO CUT AND COVER WORK OF SUBWAY CONSTRUCTION AFTER TEMPORARY COVER HAS BEEN PLACED.

GROUP 1(H) - ALL LABORERS WORKING OFF OR WITH OR FROM BOS'N CHAIRS, SWINGING SCAFFOLDS, BELTS RECEIVE \$0.25 PER HOUR ABOVE THEIR APPLICABLE WAGE RATE. THIS SHALL NOT APPLY TO LABORERS ENTITLED TO RECEIVE THE WAGE RATE SET FORTH IN GROUP 1(A).

b SATURDAYS IN THE SAME WORK WEEK MAY BE WORKED AT STRAIGHT-TIME IF 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.

c AREA 1 - ALAMEDA, CONTRA COSTA, MARIN, SAN FRANCISCO, SAN MATEO, AND SANTA CLARA COUNTIES.

AREA 2 - ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, DEL NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, KINGS, LAKE, LASSEN, MADERA, MARIPOSA, MENDOCINO, MERCED, MODOC, MONTEREY, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, STANISLAUS, SUTTER, TEHAMA, TRINITY, TULARE, TUOLUMNE, YOLO AND YUBA COUNTIES.

d SERVICE LANDSCAPE LABORER ON NEW CONSTRUCTION MAY WORK ANY FIVE (5) DAYS WITHIN A WEEK.

e GROUP 1(B) RECEIVES AN ADDITIONAL AMOUNT EACH DAY. SEE PAGE 50 FOR DETAILS.

f ZONE PAY AT THREE DOLLARS (\$3.00) PER HOUR, FACTORED AT THE APPLICABLE OVERTIME MULTIPLE, WILL BE ADDED TO THE BASE RATE FOR WORK PERFORMED OUTSIDE THE FREE ZONE DESCRIBED BY THE BOUNDARIES ALONG TOWNSHIP AND RANGE LINES. PLEASE SEE TRAVEL AND SUBSISTENCE PROVISIONS FOR MAP DESCRIPTION AND EXCEPTIONS.

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 INTERNET AT [HTTP://WWW.DIR.CA.GOV/OPRI/PWD](http://www.dir.ca.gov/OPRI/PWD). 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 INTERNET AT [HTTP://WWW.DIR.CA.GOV/OPRI/PWD](http://www.dir.ca.gov/OPRI/PWD). 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: #TUNNEL WORKER (LABORER)**

**DETERMINATION:** NC-23-102-11-2015-2

**ISSUE DATE:** August 22, 2015

**EXPIRATION DATE OF DETERMINATION:** June 26, 2016\*\* 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.

**LOCALITY:** All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties.

Classification (Journey person)	Basic Hourly Rate	Employer Payments					Straight-Time		Overtime Hourly Rate		
		Health and Welfare	Pension	Vacation/ Holiday <sup>a</sup>	Training	Other Payments	Hours <sup>b</sup>	Total Hourly Rate	Daily 1 1/2X	Saturday <sup>c</sup> 1 1/2X	Sunday and Holiday
Diamond driller, groundman, gunite or shotcrete nozzleman	\$35.19	7.54	10.38	2.63	0.89	0.22	8	56.85	74.445	74.445	92.04
Rodman, shaft work and raise (below actual or excavated ground level)	\$34.96	7.54	10.38	2.63	0.89	0.22	8	56.62	74.10	74.10	91.58
Bit grinder, blaster, driller, powderman-heading, cherry pickerman-where car is lifted, concrete finisher in tunnel, concrete/screed man, grout pumpman and potman, gunite and shotcrete gunman and potman, headerman, high pressure nozzleman, miner-tunnel, including top and bottom man on shaft and raise work, nipper, nozzleman on slick line, sandblaster-potman (work assignment interchangeable)	\$34.71	7.54	10.38	2.63	0.89	0.22	8	56.37	73.725	73.725	91.08
Steel form raiser and setter, timberman, retimberman (wood or steel or substitute materials), tugger, cabletender, chucktender, powderman-primer house	\$34.71	7.54	10.38	2.63	0.89	0.22	8	56.37	73.725	73.725	91.08
Vibratorman, pavement breaker, bull gang-mucker, trackman, concrete crew-including rodding and spreading	\$34.26	7.54	10.38	2.63	0.89	0.22	8	55.92	73.05	73.05	90.18
Dumpman (any method), grout crew, reboundman, swamper/brakeman, watchman	\$33.72	7.54	10.38	2.63	0.89	0.22	8	55.38	72.24	72.24	89.10

When designated by an employer, state licensed blaster receives \$1.00 per hour above miner's rate.

**Note:** Rates for tunnel workers working in compressed air as well as their support classifications are available by request. Please contact the Office of the Director - Research Unit at (415) 703-4774.

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

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

<sup>b</sup> Saturdays in the same work week may be worked at straight-time if job is shut down during the normal workweek due to inclement weather. Excludes Alameda, Contra Costa, and San Francisco Counties.

<sup>c</sup> All work performed on Saturdays, Sundays and Holidays shall be paid for at double (2x) the regular time hourly rate, except maintenance work, in the counties of Alameda, Contra Costa, and San Francisco.

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: #TUNNEL WORKER (LABORER) (Special Single and Second Shift)**

**DETERMINATION:** NC-23-102-11-2015-2A

**ISSUE DATE:** August 22, 2015

**EXPIRATION DATE OF DETERMINATION** June 26, 2016\*\* 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.

**LOCALITY:** All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties.

Classification (Journey person)	Basic Hourly Rate	Employer Payments					Other Payments	Straight-Time		Overtime Hourly Rate		
		Health and Welfare	Pension	Vacation/ Holiday <sup>a</sup>	Training	Hours <sup>b</sup>		Total Hourly Rate	Daily 1 1/2X	Saturday <sup>c</sup> 1 1/2X	Sunday and Holiday	
Diamond driller, groundman, gunite or shotcrete nozzleman	\$38.19	7.54	10.38	2.63	0.89	0.22	8	59.85	78.945	78.945	98.04	
Rodman, shaft work and raise (below actual or excavated ground level)	\$37.96	7.54	10.38	2.63	0.89	0.22	8	59.62	78.60	78.60	97.58	
Bit grinder, blaster, driller, powderman-heading, cherry pickerman-where car is lifted, concrete finisher in tunnel, concrete/screed man, grout pumpman and potman, gunite and shotcrete gunman and potman, headerman, high pressure nozzleman, miner-tunnel, including top and bottom man on shaft and raise work, nipper, nozzleman on slick line, sandblaster-potman (work assignment interchangeable)	\$37.71	7.54	10.38	2.63	0.89	0.22	8	59.37	78.225	78.225	97.08	
Steel form raiser and setter, timberman, retimberman (wood or steel or substitute materials), tigger, cabletender, chucktender, powderman-primer house	\$37.71	7.54	10.38	2.63	0.89	0.22	8	59.37	78.225	78.225	97.08	
Vibratorman, pavement breaker, bull gang-mucker, trackman, concrete crew-including rodding and spreading	\$37.26	7.54	10.38	2.63	0.89	0.22	8	58.92	77.55	77.55	96.18	
Dumpman (any method), grout crew, reboundman, swamper/brakeman, watchman	\$36.72	7.54	10.38	2.63	0.89	0.22	8	58.38	76.74	76.74	95.10	

When designated by an employer, state licensed blaster receives \$.50 per hour above miner's rate.

**Note:** Rates for tunnel workers working in compressed air as well as their support classifications are available by request. Please contact the Office of the Director - Research Unit at (415) 703-4774.

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @

<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

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

<sup>b</sup> Saturdays in the same work week may be worked at straight-time if job is shut down during the normal workweek due to inclement weather. Excludes Alameda, Contra Costa, and San Francisco Counties.

<sup>c</sup> All work performed on Saturdays, Sundays and Holidays shall be paid for at double (2x) the regular time hourly rate, except maintenance work, in the counties of Alameda, Contra Costa, and San Francisco.

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: # PARKING AND HIGHWAY IMPROVEMENT PAINTER (PAINTER) <sup>a</sup>**

**DETERMINATION:** NC-200-X-17-2014-2

**ISSUE DATE:** August 22, 2014

**EXPIRATION DATE OF DETERMINATION:** June 30, 2015\* 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.

**LOCALITY:** All localities within San Joaquin, Tuolumne, and Yolo counties.

CLASSIFICATION	Employer Payments						Straight-Time		Overtime Hourly Rate		
	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday <sup>c</sup>	Training	Other	Hours	Total Hourly Rate	Daily 1 1/2X	2X	Holiday 2X
Striper; Layout and application of painted traffic stripes; hot thermo plastic; tape traffic stripes	<sup>b</sup> 34.26	7.50	4.05	-	0.10	-	8	45.91	<sup>d</sup> 63.04	80.17	80.17
Parking Lots, Gamecourts, Playgrounds	<sup>b</sup> 29.12	7.50	4.05	-	0.10	-	8	40.77	<sup>d</sup> 55.33	69.89	69.89
Protective Coating, Resurfacing, Pavement Sealing, Including Repair When Done in Conjunction With Pavement Sealing	<sup>b</sup> 29.46	7.50	4.05	-	0.10	-	8	41.11	<sup>d</sup> 55.84	70.57	70.57

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> The minimum rate of pay for traffic control work associated with parking and highway improvement projects is that of the Painter classifications for the craft of Parking and Highway Improvement Painter (Painter) in San Joaquin, Tuolumne, and Yolo Counties.

<sup>b</sup> Includes an amount withheld for Dues Check-Off.

<sup>c</sup> Included in Basic Hourly Rate (\$1.91). Rate applies to the first 9 years of employment only; \$2.30 per hour worked for 10 years or more.

<sup>d</sup> Rate applies to first 4 overtime hours in any one day and for work in excess of 40 hours in any one designated work week. All other overtime is paid at the double time rate.

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: SLURRY SEAL WORKER**

**DETERMINATION:** NC-830-X-69-2016-1

**ISSUE DATE:** February 22, 2016

**EXPIRATION DATE OF DETERMINATION:** March 31, 2016\* 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.

**LOCALITY:** All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tuolumne, Yolo and Yuba Counties.

Classification (Journey person)	Employer Payments					Straight-Time	Overtime Hourly Rates			
	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday	Training	Hours	Total Hourly Rate	Daily 1 1/2X	2X	Holiday 2X
Sealer/Mixer	\$14.89	1.72	.90	<sup>a</sup> .91	-	8	\$18.42	<sup>b</sup> \$25.865	\$33.31	\$33.31
Shuttleperson, Applicator Operator, Squeegeeperson	13.18	1.72	.90	<sup>a</sup> .91	-	8	16.71	<sup>b</sup> 23.30	29.89	29.89
Traffic Surface Protective Coating Applicator	15.51	1.72	.90	<sup>a</sup> .91	-	8	19.04	<sup>b</sup> 26.795	34.55	34.55
Traffic Controlperson	10.00	1.72	.90	<sup>a</sup> .91	-	8	13.53	<sup>b</sup> 18.53	23.53	23.53

<sup>a</sup> Rate applies to first year of employment only; \$1.28 per hour worked for employment over one year but less than 5 years; \$1.71 per hour worked for over 5 years but less than 10 years; \$2.08 per hour worked for 10 years or more. The overtime computations should be increased by any applicable increase in Vacation/Holiday pay.

<sup>b</sup> Rate applies to first 4 overtime hours in any one day and for work in excess of 40 hours in any one designated work week. All other overtime is paid at the double time rate.

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: ASBESTOS REMOVAL WORKER (LABORER)**

**DETERMINATION:** NC-102-67-1-2016-1

**ISSUE DATE:** February 22, 2016

**EXPIRATION DATE OF DETERMINATION:** November 30, 2016\* 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.

**LOCALITY:** All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties.

Classification (Journey person)	Employer Payments						Straight-Time		Overtime Hourly Rate	
	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday <sup>a</sup>	Training	Other Payments	Hours	Total Hourly Rate	1-1/2X <sup>b</sup>	Holiday <sup>c</sup> 2X
Asbestos Removal Specialist II	26.71	5.74	5.64	2.64	0.44	0.15	8	41.32	54.675	68.03
Asbestos Removal Specialist I	23.77	5.74	1.71	2.64	0.44	0.15	8	34.45	46.335	58.22
Asbestos Removal Worker	20.66	5.74	1.20	2.64	0.44	0.15	8	30.83	41.16	51.49

**DETERMINATION:** NC-102-67-1-2015-1A

**ISSUE DATE:** August 22, 2015

**EXPIRATION DATE OF DETERMINATION:** June 26, 2016\*\* 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.

**LOCALITY:** All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties.

Lead Removal Worker <sup>d</sup>	29.02	7.49	10.16	2.73	0.44	0.15	8	49.99	64.500	79.01
Lead Removal Worker <sup>e</sup>	28.02	7.49	10.16	2.73	0.44	0.15	8	48.99	63.000	77.01

<sup>a</sup> Includes an amount for Supplemental Dues.

<sup>b</sup> Rate applies to the first 4 overtime hours in any workday or 40 hours in a workweek, and for the first 8 hours worked on the 7<sup>th</sup> consecutive day of work in a workweek.

<sup>c</sup> Rate applies to Holidays and to all hours worked in excess of 12 hours in any workday and for all hours worked in excess of 8 hours on the 7<sup>th</sup> consecutive day of work in a workweek.

<sup>d</sup> Rate applies to all localities within Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo and Santa Clara Counties.

<sup>e</sup> Rate applies to all localities within Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Mariposa, Mendocino, Merced, Modoc, Monterey, Nevada, Placer, Plumas, Sacramento, San Benito, San Joaquin, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo and Yuba Counties.

(Recognized Holidays and Subsistence Payment footnotes listed on page 52C)

**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 Abatement Registration Unit, DOSH at (510) 286-7362.

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: # CEMENT MASON

**DETERMINATION:** NC-23-203-1-2016-1

**ISSUE DATE:** February 22, 2016

**EXPIRATION DATE OF DETERMINATION:** June 30, 2016\* 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.

**LOCALITY:** All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba counties.

CLASSIFICATION (JOURNEYPERSON)	Employer Payments						Straight-Time		Overtime Hourly Rate		
	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours <sup>b</sup>	Total Hourly Rate	Daily 1 1/2X	Saturday <sup>c</sup> 1 1/2X	Sunday and Holiday
Cement Mason	\$31.00	8.20	10.30	5.32 <sup>a</sup>	0.54	0.10	8	55.46	70.96	70.96 <sup>d</sup>	86.46
Mastic Magnesite Gypsum, Epoxy, Polyester, Resin and all composition masons, swing or slip form scaffolds	\$31.75	8.20	10.30	5.32 <sup>b</sup>	0.54	0.10	8	56.21	72.085	72.085 <sup>d</sup>	87.96

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

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

<sup>b</sup> Where multiple shifts are worked, the day shift shall work eight (8) hours and for such work they shall be paid the regular straight time rate for eight (8) hours; the second (2<sup>nd</sup>) shift shall work seven and one-half (7 ½) hours, and for such work they shall be paid the regular straight time rate for eight (8) hours; if a third (3<sup>rd</sup>) shift is worked, they shall work seven (7) hours and for such work they shall be paid eight (8) hours regular straight time pay. No multiple shift shall be started for less than five (5) consecutive days.

<sup>c</sup> Saturdays in the same work week may be worked at straight time if a job is shut down during the normal work week due to inclement weather or major mechanical breakdown (limited to curb and gutter machine, concrete pump, and concrete plant).

<sup>d</sup> Rate applies to the first 8 hours of work on Saturday. All other hours worked on Saturday are paid at the Sunday/Holiday rate.

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: # CEMENT MASON (SPECIAL SINGLE SHIFT)**

**DETERMINATION:** NC-23-203-1A-2016-1

**ISSUE DATE:** February 22, 2016

**EXPIRATION DATE OF DETERMINATION:** June 30, 2016\* 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.

**LOCALITY:** All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba counties.

CLASSIFICATION (JOURNEYPERSON)	Employer Payments						Straight-Time Hours	Total Hourly Rate	Overtime Hourly Rate		
	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other			Daily 1 1/2X	Saturday <sup>b</sup> 1 1/2X	Sunday and Holiday
Cement Mason	\$34.00	8.20	10.30	5.32 <sup>a</sup>	0.54	0.10	8	58.46	73.96	73.96 <sup>c</sup>	89.46
Mastic Magnesite Gypsum, Epoxy, Polyester, Resin and all composition masons, swing or slip form scaffolds	\$34.75	8.20	10.30	5.32 <sup>a</sup>	0.54	0.10	8	59.21	75.085	75.085 <sup>c</sup>	90.96

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

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

<sup>b</sup> Saturdays in the same work week may be worked at straight time if a job is shut down during the normal work week due to inclement weather or major mechanical breakdown (limited to curb and gutter machine, concrete pump, and concrete plant).

<sup>c</sup> Rate applies to the first 8 hours of work on Saturday. All other hours worked on Saturday are paid at the Sunday/Holiday rate.

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: #BUILDING/CONSTRUCTION INSPECTOR AND FIELD SOILS AND MATERIAL TESTER

**DETERMINATION:** NC-63-3-9-2015-1

**ISSUE DATE:** August 22, 2015

**EXPIRATION DATE OF DETERMINATION:** June 30, 2016\*\* 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.

**LOCALITY:** All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo and Yuba counties.

CLASSIFICATION (JOURNEYPERSON)	Basic Hourly Rate	Health and Welfare <sup>a</sup>	Employer Payments				Straight-Time		Overtime Hourly Rate		
			Pension and Holiday	Vacation and Holiday	Training	Other Payment	Hours	Total Hourly Rate	Daily <sup>b</sup> 1 1/2X	Saturday <sup>b</sup> 1 1/2X	Sunday/ Holiday 2X
Group 1	\$42.20	13.28	9.44	5.90	0.58	0.19	8	71.59	92.690	92.690	113.79
Group 2	40.20	13.28	9.44	5.90	0.58	0.19	8	69.59	89.690	89.690	109.79
Group 3	34.06	13.28	9.44	5.90	0.58	0.19	8	63.45	80.480	80.480	97.51
Group 4	28.83	13.28	9.44	5.90	0.58	0.19	8	58.22	72.635	72.635	87.05

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> Amount shall be paid for all hours worked up to 173 hours per month.

<sup>b</sup> Rate applies to the first 4 daily overtime hours, Monday through Friday, and the first 8 hours on Saturday. All other overtime is paid at the Sunday/Holiday overtime rate.

**CLASSIFICATIONS:**

Group 1	Group 2	Group 3	Group 4
ASNT Level II-III	AWS-CWI	Geotechnical Driller	ACI
DSA Masonry	ICC Certified Structural Inspector	Soils/Asphalt	Drillers Helper
DSA Shotcrete	NICET Level III	Earthwork Grading	ICC Fireproofing
Lead Inspector	Shear Wall/Floor System Inspector	Excavation and Backfill	NICET Level I
NICET Level IV	Building/Construction Inspector	NICET Level II	Proofload Testing
NDT Level Two			Torque Testing
			NACE
			NDT Level One

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: #BUILDING/CONSTRUCTION INSPECTOR AND FIELD SOILS AND MATERIAL TESTER (SECOND SHIFT)

**DETERMINATION:** NC-63-3-9-2015-1

**ISSUE DATE:** August 22, 2015

**EXPIRATION DATE OF DETERMINATION:** June 30, 2016\*\* 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.

**LOCALITY:** All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo and Yuba counties.

CLASSIFICATION (JOURNEYPERSON)	Basic Hourly Rate	Employer Payments					Straight-Time Hours	Total Hourly Rate	Overtime Hourly Rate		
		Health and Welfare <sup>a</sup>	Pension	Vacation and Holiday	Training	Other Payment			Daily <sup>b</sup> 1 1/2X	Saturday <sup>b</sup> 1 1/2X	Sunday/ Holiday 2X
Group 1	\$47.48	13.28	9.44	5.90	0.58	0.19	8	76.87	100.610	100.610	124.35
Group 2	45.23	13.28	9.44	5.90	0.58	0.19	8	74.62	97.235	97.235	119.85
Group 3	38.32	13.28	9.44	5.90	0.58	0.19	8	67.71	86.870	86.870	106.03
Group 4	32.43	13.28	9.44	5.90	0.58	0.19	8	61.82	78.035	78.035	94.25

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> Amount shall be paid for all hours worked up to 173 hours per month.

<sup>b</sup> Rate applies to the first 4 daily overtime hours, Monday through Friday, and the first 8 hours on Saturday. All other overtime is paid at the Sunday/Holiday overtime rate.

**CLASSIFICATIONS:**

Group 1	Group 2	Group 3	Group 4
ASNT Level II-III	AWS-CWI	Geotechnical Driller	ACI
DSA Masonry	ICC Certified Structural Inspector	Soils/Asphalt	Drillers Helper
DSA Shotcrete	NICET Level III	Earthwork Grading	ICC Fireproofing
Lead Inspector	Shear Wall/Floor System Inspector	Excavation and Backfill	NICET Level I
NICET Level IV	Building/Construction Inspector	NICET Level II	Proofload Testing
NDT Level Two			Torque Testing
			NACE
			NDT Level One

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. Holiday provisions 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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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:** NC-23-261-1-2015-1

**ISSUE DATE:** August 22, 2015

**EXPIRATION DATE OF DETERMINATION:** June 30, 2016\* 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.

**LOCALITY:** All Localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties.

Classification <sup>§</sup> (Journey person)	Basic Hourly Rate	Employer Payments					Straight-Time Hours	Overtime Hourly Rate			
		Health and Welfare	Pension	Vacation/ Holiday	Training Other Payments	Total Hourly Rate		Daily 1 1/2X	Saturday <sup>b</sup> 1 1/2X	Sunday/ Holiday 2X	
Group 1	\$28.57	\$16.22	\$6.00	\$2.15	\$0.85	<sup>a</sup> \$0.58	8	\$54.37	\$68.655	\$68.655	\$82.94
Group 2	28.87	16.22	6.00	2.15	0.85	<sup>a</sup> 0.58	8	54.67	69.105	69.105	83.54
Group 3	29.17	16.22	6.00	2.15	0.85	<sup>a</sup> 0.58	8	54.97	69.555	69.555	84.14
Group 4	29.52	16.22	6.00	2.15	0.85	<sup>a</sup> 0.58	8	55.32	70.08	70.08	84.84
Group 5	29.87	16.22	6.00	2.15	0.85	<sup>a</sup> 0.58	8	55.67	70.605	70.605	85.54
Group 6	USE DUMP TRUCK YARDAGE RATE										
Group 7	USE APPROPRIATE RATE FOR THE POWER UNIT OR THE EQUIPMENT UTILIZED										
Group 8 (Trainee) <sup>c</sup>											
	<sup>d</sup> Step I – 1 <sup>st</sup> 1000 Hours										
	<sup>e</sup> Step II – 2 <sup>nd</sup> 1000 Hours										
	<sup>f</sup> Step III – 3 <sup>rd</sup> 1000 Hours										

<sup>a</sup> Supplemental Dues and Contract Administration.

<sup>b</sup> Saturday in the same work week may be worked at straight-time hourly rate if a job is shut down during the normal work week due to inclement weather or major mechanical breakdown, or lack of materials beyond the control of the Employer.

<sup>c</sup> An individual employer may employ one (1) trainee for every four (4) journey level Teamsters actively employed. Individual employers with less than four (4) journey level Teamsters may utilize one (1) trainee; thereafter, one (1) for every four (4) journey level Teamsters.

<sup>d</sup> Sixty-five percent (65%) of the Journey level wage for the type of equipment operated, plus full fringes without Vacation/Holiday.

<sup>e</sup> Seventy-five percent (75%) of the Journey level wage for the type of equipment operated, plus full fringes without Vacation/Holiday.

<sup>f</sup> Eighty-five percent (85%) of the Journey level wage for the type of equipment operated, plus full fringes without Vacation/Holiday.

<sup>§</sup> For classifications within each group, see page 56.

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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.

**DETERMINATION: NC-23-261-1-2015-1 and NC-23-261-1-2015-1A**

**CLASSIFICATIONS:**

**GROUP 1**

Dump Trucks under 6 yards  
Single Unit Flat Rack (2 axle unit)  
Nipper Truck (When Flat Rack Truck is used appropriate Flat Rack shall apply)  
Concrete pump truck (When Flat Rack Truck is used appropriate Flat Rack shall apply)  
Concrete pump machine  
Snow Buggy  
Steam Cleaning  
Bus or Manhaul Driver  
Escort or Pilot Car Driver  
Pickup Truck  
Teamster Oiler/Greaser/and or Serviceman  
Hook Tenders  
Team Drivers  
Warehouseman  
Tool Room Attendant (Refineries)  
Fork Lift and Lift Jitneys  
Warehouse Clerk/Parts Man  
Fuel and/or Grease Truck Driver or Fuelman  
Truck Repair Helper  
Fuel Island Attendant, or Combination Pit and/or Grease Rack and Fuel Island Attendant

**GROUP 2**

Dump Trucks 6 yards Under 8 yards  
Transit Mixers through 10 yards  
Water Trucks Under 7000 gals.  
Jetting Trucks Under 7000 gals.  
Single Unit flat rack (3 axle unit)  
Highbed Heavy Duty Transport  
Scissor Truck  
Rubber Tired Muck Car (not self-loaded)  
Rubber Tired Truck Jumbo  
Winch Truck and "A" Frame Drivers  
Combination Winch Truck With Hoist  
Road Oil Truck or Bootman  
Buggymobile  
Ross, Hyster and similar Straddle Carrier  
Small Rubber Tired Tractor  
Truck Dispatcher

**GROUP 3**

Dump Trucks 8 yards and including 24 yards  
Transit Mixers Over 10 yards  
Water Trucks 7000 gals and over  
Jetting Trucks 7000 gals and over  
Vacuum Trucks under 7500 gals  
Trucks Towing Tilt Bed or Flat Bed Pull Trailers  
Heavy Duty Transport Tiller Man  
Tire Repairman

**GROUP 3 (continued)**

Truck Mounted Self Propelled Street Sweeper with or without Self-Contained Refuse Bin and or Vacuum Unit  
Boom Truck - Hydro-Lift or Swedish Type Extension or Retracting Crane  
P.B. or Similar Type Self Loading Truck  
Combination Bootman and Road Oiler  
Dry Distribution Truck (A Bootman when employed on such equipment, shall receive the rate specified for the classification of Road Oil Trucks or Bootman)  
Ammonia Nitrate Distributor, Driver and Mixer  
Snow Go and/or Plow

**GROUP 4**

Dump Trucks over 25 yards and under 65 yards  
Vacuum Trucks 7500 gals and over.  
Truck Repairman  
Water Pulls - DW 10s, 20s, 21s and other similar equipment when pulling Aqua/pak or Water Tank Trailers  
Helicopter Pilots  
Lowbed Heavy Duty Transport (up to and including 7 axles)  
DW 10s, 20s, 21s and other similar Cat type, Terra Cobra, LeTourneau Pulls, Tournorocker, Euclid and similar type Equipment when pulling fuel and/or grease tank trailers or other miscellaneous trailers

**GROUP 5**

Dump Truck 65 yards and over  
Holland Hauler  
Lowbed Heavy Duty Transport (over 7 axles)

**GROUP 6** (Use dump truck yardage rate)

Articulated Dump Truck  
Bulk Cement Spreader (w/ or w/o Auger)  
Dumpcrete Truck  
Skid Truck (Debris Box)  
Dry Pre-Batch Concrete Mix Trucks  
Dumpster or Similar Type  
Slurry Truck

**GROUP 7** (Use appropriate Rate for the Power Unit or the Equipment Utilized)

Heater Planer  
Asphalt Burner  
Scarifier Burner  
Fire Guard  
Industrial Lift Truck (mechanical tailgate)  
Utility and Clean-up Truck  
Composite Crewman

**GROUP 8**

Trainee

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 SINGLE SHIFT RATE)**  
**(APPLIES ONLY TO WORK ON THE CONSTRUCTION SITE)**

**DETERMINATION:** NC-23-261-1-2015-1A

**ISSUE DATE:** August 22, 2015

**EXPIRATION DATE OF DETERMINATION:** June 30, 2016\* 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.

**LOCALITY:** All Localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties.

Classification <sup>g</sup> (Journey person)	Basic Hourly Rate	Employer Payments					Straight-Time Hours Total Hourly Rate	Overtime Hourly Rate			
		Health and Welfare	Pension	Vacation/ Holiday	Training Other Payments	Daily 1 1/2X		Saturday <sup>b</sup> 1 1/2X	Sunday/ Holiday 2X		
Group 1	\$30.57	\$16.22	\$6.00	\$2.15	\$0.85	<sup>a</sup> \$0.58	8	\$56.37	\$71.655	\$71.655	\$86.94
Group 2	30.87	16.22	6.00	2.15	0.85	<sup>a</sup> 0.58	8	56.67	72.105	72.105	87.54
Group 3	31.17	16.22	6.00	2.15	0.85	<sup>a</sup> 0.58	8	56.97	72.555	72.555	88.14
Group 4	31.52	16.22	6.00	2.15	0.85	<sup>a</sup> 0.58	8	57.32	73.08	73.08	88.84
Group 5	31.87	16.22	6.00	2.15	0.85	<sup>a</sup> 0.58	8	57.67	73.605	73.605	89.54
Group 6	USE DUMP TRUCK YARDAGE RATE										
Group 7	USE APPROPRIATE RATE FOR THE POWER UNIT OR THE EQUIPMENT UTILIZED										
Group 8 (Trainee) <sup>c</sup>											
	<sup>d</sup> Step I – 1 <sup>st</sup> 1000 Hours										
	<sup>e</sup> Step II – 2 <sup>nd</sup> 1000 Hours										
	<sup>f</sup> Step III – 3 <sup>rd</sup> 1000 Hours										

<sup>a</sup> Supplemental Dues and Contract Administration.

<sup>b</sup> Saturday in the same work week may be worked at straight-time hourly rate if a job is shut down during the normal work week due to inclement weather or major mechanical breakdown, or lack of materials beyond the control of the Employer.

<sup>c</sup> An individual employer may employ one (1) trainee for every four (4) journey level Teamsters actively employed. Individual employers with less than four (4) journey level Teamsters may utilize one (1) trainee; thereafter, one (1) for every four (4) journey level Teamsters.

<sup>d</sup> Sixty-five percent (65%) of the Journey level wage for the type of equipment operated, plus full fringes without Vacation/Holiday.

<sup>e</sup> Seventy-five percent (75%) of the Journey level wage for the type of equipment operated, plus full fringes without Vacation/Holiday.

<sup>f</sup> Eighty-five percent (85%) of the Journey level wage for the type of equipment operated, plus full fringes without Vacation/Holiday.

<sup>g</sup> For classifications within each group, see page 56.

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. Holiday provisions 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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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>1</sup>

**DETERMINATION:** NC-LML-2016-1

**ISSUE DATE:** February 22, 2016

**EXPIRATION DATE OF DETERMINATION:** March 31, 2016\* 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.

LOCALITY:	Employer Payments						Straight -Time	Overtime	
	Basic Hourly Rate	Health and Welfare	Pension	Vacation	Holiday	Training	Hours	Total Hourly Rate	1 1/2x
Alameda.....	10.00	0.43	-	<sup>a</sup> 0.14	0.24	-	8	<sup>b</sup> 10.81	<sup>b</sup> 15.81
Alpine, El Dorado.....	10.00	-	-	0.12	0.14	-	8	10.26	15.26
	10.00	-	-	0.14	0.16	-	8	10.30	15.30
Amador.....	10.00	-	-	0.16	0.06	-	8	10.22	15.22
Butte, Glenn, and Plumas.....	10.00	0.16	-	<sup>c</sup> 0.13	0.05	-	8	<sup>b</sup> 10.34	<sup>b</sup> 15.34
Calaveras.....	10.00	-	-	0.10	0.12	-	8	10.22	15.22
Colusa and Sutter.....	10.00	-	-	0.12	0.14	-	8	10.26	15.26
	10.00	-	-	0.14	0.16	-	8	10.30	15.30
Contra Costa.....	10.00	-	-	-	0.12	-	8	10.12	15.12
Del Norte and Humboldt.....	10.00	-	-	0.25	0.07	-	8	10.32	15.32
Fresno.....	10.00	-	-	0.11	-	-	8	10.11	15.11
	10.00	-	-	<sup>d</sup> 0.19	0.19	-	8	<sup>b</sup> 10.38	<sup>b</sup> 15.38
Kings.....	10.00	-	-	<sup>e</sup> 0.25	0.25	-	8	<sup>b</sup> 10.50	<sup>b</sup> 15.50
Lake and Mendocino.....	10.00	-	-	<sup>f</sup> 0.13	0.03	-	8	<sup>b</sup> 10.16	<sup>b</sup> 15.16
	10.00	-	-	<sup>g</sup> 0.14	0.03	-	8	<sup>b</sup> 10.17	<sup>b</sup> 15.17
Lassen, Modoc, Shasta, Siskiyou and Trinity	10.00	-	-	0.31	0.09	-	8	10.40	15.40
Madera, Mariposa and Merced....	10.00	-	-	0.115	0.115	-	8	10.23	15.23
Marin.....	10.00	-	-	-	0.12	-	8	10.12	15.12
Monterey.....	10.00	-	-	0.14	0.22	-	8	10.36	15.36
	10.00	-	-	0.16	0.25	-	8	10.41	15.41
Napa.....	10.00	-	-	<sup>q</sup> 0.11	0.14	-	8	10.25	15.25
Nevada and Sierra.....	10.00	-	-	0.16	0.19	-	8	10.35	15.35
Placer.....	10.00	-	-	0.12	0.14	-	8	10.26	15.26
Sacramento.....	10.00	-	-	0.16	-	-	8	10.16	15.16
	10.00	-	-	0.15	-	-	8	10.15	15.15
San Benito.....	10.00	-	-	<sup>h</sup> 0.15	0.18	-	8	<sup>b</sup> 10.33	<sup>b</sup> 15.33
San Francisco.....	10.00	-	-	0.17	0.17	-	8	10.34	15.34
San Joaquin.....	10.00	0.37	-	<sup>i</sup> 0.12	0.12	-	8	<sup>b</sup> 10.61	<sup>b</sup> 15.61
San Mateo.....	10.00	0.43	-	<sup>j</sup> 0.12	0.14	-	8	<sup>b</sup> 10.69	<sup>b</sup> 15.69
	10.00	-	-	<sup>k</sup> 0.13	0.17	-	8	<sup>b</sup> 10.30	<sup>b</sup> 15.30
Santa Clara.....	10.00	0.03	-	<sup>l</sup> 0.13	0.18	-	8	<sup>b</sup> 10.34	<sup>b</sup> 15.34
Santa Cruz.....	10.00	-	-	0.16	-	-	8	10.16	15.16
	10.00	-	-	0.19	-	-	8	10.19	15.19
Solano.....	10.00	-	-	-	0.07	-	8	10.07	15.07
Sonoma.....	10.00	-	-	<sup>m</sup> 0.13	0.16	-	8	<sup>b</sup> 10.29	<sup>b</sup> 15.29
	10.00	0.38	-	<sup>n</sup> 0.15	0.19	-	8	<sup>b</sup> 10.72	<sup>b</sup> 15.72
Stanislaus and Tuolumne.....	10.00	-	-	0.115	0.14	-	8	10.255	15.255
	10.00	-	-	<sup>o</sup> 0.13	0.11	-	8	<sup>b</sup> 10.24	<sup>b</sup> 15.24
Tehama.....	10.00	-	-	0.12	0.19	-	8	10.31	15.31
Tulare.....	10.00	0.69	-	<sup>p</sup> 0.12	-	-	8	<sup>b</sup> 10.81	<sup>b</sup> 15.81
Yolo.....	10.00	-	-	-	0.14	-	8	10.14	15.14
	10.00	-	-	-	0.19	-	8	10.19	15.19
Yuba.....	10.00	-	-	0.14	0.16	-	8	10.30	15.30

## Craft is not apprenticeable

**NOTE:** If there are two rates, the first rate is for routine work, the second rate is for complex work.

**DETERMINATION: NC-LML-2016-1**

- a. \$0.20 after 3 years of service; \$0.27 after 5 years of service.
- b. Computation is based on first years of employment. This rate should be increased by any applicable vacation increase as stated in other footnotes.
- c. \$0.25 after 7 years of service.
- d. \$0.38 after 3 years of service.
- e. \$0.37 after 5 years of service; \$0.49 after 15 years of service.
- f. \$0.19 after 1 year of service; \$0.25 after 2 years of service.
- g. \$0.22 after 1 year of service; \$0.29 after 2 years of service.
- h. \$0.31 after 5 years of service.
- i. \$0.24 after 5 years of service.
- j. \$0.23 after 2 years of service; \$0.35 after 6 years of service.
- k. \$0.26 after 1 year of service; \$0.39 after 5 years of service.
- l. \$0.27 after 1 year of service; \$0.40 after 5 years of service.
- m. \$0.26 after 7 years of service.
- n. \$0.31 after 3 years of service; \$0.46 after 7 years of service.
- o. \$0.27 after 3 years of service; \$0.40 after 5 years of service.
- p. \$0.23 after 2 years of service.
- q. \$0.23 after 7 years of service.

<sup>1</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.

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. Holiday provisions 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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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/UNDERGROUND (OPERATING ENGINEER-HEAVY AND HIGHWAY WORK)

DETERMINATION: NC-23-63-1-2015-2C

ISSUE DATE: August 22, 2015

EXPIRATION DATE OF DETERMINATION: June 30, 2016\* 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.

LOCALITY: All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba counties.

Classification (Journey person)	Employer Payments						Straight-Time		Overtime Hourly Rate					
	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>c</sup>	Training	Other Payments	Hours <sup>a</sup>	Total Hourly Rate	Daily/ Saturday <sup>d</sup> 1 1/2X	Sunday and Holiday 2X				
	Area 1 <sup>a</sup>	Area 2 <sup>b</sup>					Area 1 <sup>a</sup>	Area 2 <sup>b</sup>	Area 1 <sup>a</sup>	Area 2 <sup>b</sup>	Area 1 <sup>a</sup>	Area 2 <sup>b</sup>		
<b>Underground Rate</b>														
Group 1-A	\$39.44	\$41.44	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$68.87	\$70.87	\$88.59	\$91.59	\$108.31	\$112.31
Group 1	\$36.97	\$38.97	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$66.40	\$68.40	\$84.89	\$87.89	\$103.37	\$107.37
Group 2	\$35.71	\$37.71	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$65.14	\$67.14	\$83.00	\$86.00	\$100.85	\$104.85
Group 3	\$34.38	\$36.38	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$63.81	\$65.81	\$81.00	\$84.00	\$98.19	\$102.19
Group 4	\$33.24	\$35.24	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$62.67	\$64.67	\$79.29	\$82.29	\$95.91	\$99.91
Group 5	\$32.10	\$34.10	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$61.53	\$63.53	\$77.58	\$80.58	\$93.63	\$97.63
<b>Shafts Stopes &amp; Raises</b>														
Group 1-A	\$39.54	\$41.54	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$68.97	\$70.97	\$88.74	\$91.74	\$108.51	\$112.51
Group 1	\$37.07	\$39.07	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$66.50	\$68.50	\$85.04	\$88.04	\$103.57	\$107.57
Group 2	\$35.81	\$37.81	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$65.24	\$67.24	\$83.15	\$86.15	\$101.05	\$105.05
Group 3	\$34.48	\$36.48	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$63.91	\$65.91	\$81.15	\$84.15	\$98.39	\$102.39
Group 4	\$33.34	\$35.34	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$62.77	\$64.77	\$79.44	\$82.44	\$96.11	\$100.11
Group 5	\$32.20	\$34.20	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$61.63	\$63.63	\$77.73	\$80.73	\$93.83	\$97.83

**CLASSIFICATIONS:**

**GROUP 1-A**

Tunnel Bore Machine Operator - 20 feet in diameter or more

**GROUP 1**

Heading Shield Operator  
Heavy Duty Repairman/Welder  
Mucking Machine  
Raised Bore Operator  
Tunnel Mole Bore Operator  
Tunnel Boring Machine Operator 10 ft up to 20 ft

**GROUP 2**

Combination Slusher and Motor Operator  
Concrete Pump or Pumpcrete Guns  
Power Jumbo Operator

**GROUP 3**

Drill Doctor  
Mine or Shaft Hoist

**GROUP 4**

Combination Slurry Mixer Cleaner  
Grouting Machine Operator  
Motorman

**GROUP 5**

Bit Sharpener  
Brakeman  
Combination Mixer and Compressor (Gunite)  
Compressor Operator  
Assistant to Engineer  
Pump Operator  
Slusher Operator

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> AREA 1 - Alameda, Butte, Contra Costa, Kings, Marin, Merced, Napa, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Solano, Stanislaus, Sutter, Yolo and Yuba counties; and portions of Alpine, Amador, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Lake, Lassen, Madera, Mariposa, Mendocino, Monterey, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sonoma, Tehama, Tulare, Tuolumne and Trinity counties.

<sup>c</sup> AREA 2 - Modoc, and portions of Alpine, Amador, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Lake, Lassen, Madera, Mariposa, Mendocino, Monterey, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sonoma, Tehama, Tulare, Tuolumne and Trinity counties. (Portions of counties falling in each area detailed on page 41).

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

<sup>e</sup> Saturday in the same work week may be worked at straight-time if a job is shut down during the normal work week due to inclement weather.

<sup>f</sup> When three shifts are employed for five (5) or more consecutive days, seven and one-half (7 1/2) consecutive hours (exclusive of meal period), shall constitute a day of work, for which eight (8) times the straight time hourly rate shall be paid at the non-shift wage rate for the second shift. The third shift shall be seven (7) hours of work for eight (8) hours of pay at the non-shift wage rate.

NOTE: For Special Single and Second Shift rates, please see page 58A.

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: # TUNNEL/UNDERGROUND (OPERATING ENGINEER-HEAVY AND HIGHWAY WORK)  
(SPECIAL SINGLE AND SECOND SHIFT)

DETERMINATION: NC-23-63-1-2015-2C

ISSUE DATE: August 22, 2015

EXPIRATION DATE OF DETERMINATION: June 30, 2016\* 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.

LOCALITY: All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba counties.

Classification (Journey person)	Employer Payments							Straight-Time		Overtime Hourly Rate				
	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday <sup>c</sup>	Training	Other Payments	Hours	Total Hourly Rate	Daily/ Saturday <sup>d</sup>		Sunday and Holiday			
									1 1/2X	2X	1 <sup>a</sup>	2 <sup>b</sup>		
Classification Group	Area 1 <sup>a</sup>	Area 2 <sup>b</sup>						Area 1 <sup>a</sup>	Area 2 <sup>b</sup>	Area 1 <sup>a</sup>	Area 2 <sup>b</sup>	Area 1 <sup>a</sup>	Area 2 <sup>b</sup>	
<b>Underground Rate</b>														
Group 1-A	\$43.57	\$45.57	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$73.00	\$75.00	\$94.79	\$97.79	\$116.57	\$120.57
Group 1	\$40.78	\$42.78	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$70.21	\$72.21	\$90.60	\$93.60	\$110.99	\$114.99
Group 2	\$39.37	\$41.37	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$68.80	\$70.80	\$88.49	\$91.49	\$108.17	\$112.17
Group 3	\$37.89	\$39.89	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$67.32	\$69.32	\$86.27	\$89.27	\$105.21	\$109.21
Group 4	\$36.59	\$38.59	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$66.02	\$68.02	\$84.32	\$87.32	\$102.61	\$106.61
Group 5	\$35.32	\$37.32	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.75	\$66.75	\$82.41	\$85.41	\$100.07	\$104.07
<b>Shafts Stopes &amp; Raises</b>														
Group 1-A	\$43.68	\$45.68	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$73.11	\$75.11	\$94.95	\$97.95	\$116.79	\$120.79
Group 1	\$40.89	\$42.89	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$70.32	\$72.32	\$90.77	\$93.77	\$111.21	\$115.21
Group 2	\$39.48	\$41.48	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$68.91	\$70.91	\$88.65	\$91.65	\$108.39	\$112.39
Group 3	\$38.00	\$40.00	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$67.43	\$69.43	\$86.43	\$89.43	\$105.43	\$109.43
Group 4	\$36.70	\$38.70	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$66.13	\$68.13	\$84.48	\$87.48	\$102.83	\$106.83
Group 5	\$35.43	\$37.43	\$13.28	\$10.78	\$3.91	\$0.72	\$0.74	8	\$64.86	\$66.86	\$82.58	\$85.58	\$100.29	\$104.29

**CLASSIFICATIONS:**

**GROUP 1-A**

Tunnel Bore Machine Operator - 20 feet in diameter or more

**GROUP 1**

Heading Shield Operator  
Heavy Duty Repairman/Welder  
Mucking Machine  
Raised Bore Operator  
Tunnel Mole Bore Operator  
Tunnel Boring Machine Operator 10 ft up to 20 ft

**GROUP 2**

Combination Slusher and Motor Operator  
Concrete Pump or Pumpcrete Guns  
Power Jumbo Operator

**GROUP 3**

Drill Doctor  
Mine or Shaft Hoist

**GROUP 4**

Combination Slurry Mixer Cleaner  
Grouting Machine Operator  
Motorman

**GROUP 5**

Bit Sharpener  
Brakeman  
Combination Mixer and Compressor (Gunite)  
Compressor Operator  
Assistant to Engineer  
Pump Operator  
Slusher Operator

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> AREA 1 - Alameda, Butte, Contra Costa, Kings, Marin, Merced, Napa, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Solano, Stanislaus, Sutter, Yolo and Yuba counties; and portions of Alpine, Amador, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Lake, Lassen, Madera, Mariposa, Mendocino, Monterey, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sonoma, Tehama, Tulare, Tuolumne and Trinity counties.

<sup>b</sup> AREA 2 - Modoc, and portions of Alpine, Amador, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Lake, Lassen, Madera, Mariposa, Mendocino, Monterey, Nevada, Placer, Plumas, Shasta, Sierra, Siskiyou, Sonoma, Tehama, Tulare, Tuolumne and Trinity counties. (Portions of counties falling in each area detailed on page 41).

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

<sup>d</sup> Saturday in the same work week may be worked at straight-time if a job is shut down during the normal work week due to inclement weather.

**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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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 Internet at <http://www.dir.ca.gov/OPRL/PWD>. 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: TREE MAINTENANCE<sup>1</sup> (LABORER)**

**DETERMINATION:** NC-102-X-21-2015-1

**ISSUE DATE:** August 22, 2015

**EXPIRATION DATE OF DETERMINATION:** June 30, 2016\*\* 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.

**Locality:** All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties. Portions of the State of California above the Northerly boundary of Kern and San Luis Obispo Counties, and the Westerly boundaries of Inyo and Mono Counties.

CLASSIFICATION(s) <sup>a</sup> (Journey person)	Employer Payments						Straight-Time		Overtime Hourly Rate	
	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily 1 1/2X <sup>b</sup>	Sunday/ Holiday 2X
Senior Tree Trimmer	\$18.00	-	\$0.25	\$1.57	-	\$0.01	8	\$19.83	\$28.83	\$37.83
Tree Trimmer	\$16.00	-	\$0.25	\$1.37	-	\$0.01	8	\$17.63	\$25.63	\$33.63
Groundsperson	\$13.25	-	\$0.25	\$1.22	-	\$0.01	8	\$14.73	\$21.355	\$27.98

<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.

<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.

**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 internet at <http://www.dir.ca.gov/oprl/pwd>. 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 internet at <http://www.dir.ca.gov/oprl/pwd>. 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 Decision Number: CA160009 03/04/2016 CA9

ATTACHMENT NO. 2

Superseded General Decision Number: CA20150009

State: California

Construction Types: Building, Heavy (Heavy and Dredging) and Highway

Counties: Alpine, Amador, Butte, Colusa, El Dorado, Glenn, Lassen, Marin, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Tehama, Trinity, Yolo and Yuba Counties in California.

BUILDING CONSTRUCTION PROJECTS (excluding Amador County only); DREDGING CONSTRUCTION PROJECTS (does not include hopper dredge work); HEAVY CONSTRUCTION PROJECTS (does not include water well drilling); AND HIGHWAY CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.15 for calendar year 2016 applies to all contracts subject to the Davis-Bacon Act for which the solicitation was issued on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.15 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2016. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/08/2016
1	01/15/2016
2	01/29/2016
3	02/19/2016
4	02/26/2016
5	03/04/2016

ASBE0016-001 01/01/2014

AREA 1: MARIN, NAPA, SAN BENITO, SAN FRANCISCO, SOLANO, & SONOMA COUNTIES

AREA 2: ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHEMA, TRINITY, YOLO, & YUBA COUNTIES

Rates Fringes

Asbestos Workers/Insulator (Includes the application of all insulating materials, Protective Coverings, Coatings, and Finishes to all

types of mechanical systems)

Area 1.....	\$ 57.15	18.72
Area 2.....	\$ 44.05	18.62

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ASBE0016-007 01/01/2015

AREA 1 : ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, SUTTER, TEHAMA, TRINITY, YOLO & YUBA COUNTIES

AREA 2: MARIN & NAPA COUNTIES

	Rates	Fringes
Asbestos Removal worker/hazardous material handler (Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulation materials from mechanical systems, whether they contain asbestos or not)		
AREA 1.....	\$ 28.30	7.75
AREA 2.....	\$ 32.38	7.75

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BOIL0549-002 01/01/2013

	Rates	Fringes
BOILERMAKER		
(1) Marin & Solano Counties.	\$ 42.06	33.43
(2) Remaining Counties.....	\$ 38.37	31.32

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BRCA0003-001 08/01/2013

	Rates	Fringes
MARBLE FINISHER.....	\$ 28.05	14.01

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BRCA0003-004 05/01/2015

AREA 1: ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SUTTER, TEHAMA, YOLO AND YUBA COUNTIES

AREA 2: MARIN, NAPA, SISKIYOU, SOLANO, SONOMA AND TRINITY COUNTIES

	Rates	Fringes
BRICKLAYER		
AREA 1.....	\$ 37.31	19.73
AREA 2.....	\$ 39.99	24.75

SPECIALTY PAY:

(A) Underground work such as tunnel work, sewer work,

manholes, catch basins, sewer pipes and telephone conduit shall be paid \$1.25 per hour above the regular rate. Work in direct contact with raw sewage shall receive \$1.25 per hour in addition to the above.

(B) Operating a saw or grinder shall receive \$1.25 per hour above the regular rate.

(C) Guniting nozzle person shall receive \$1.25 per hour above the regular rate.

BRCA0003-008 07/01/2013

	Rates	Fringes
TERRAZZO FINISHER.....	\$ 33.15	13.93
TERRAZZO WORKER/SETTER.....	\$ 39.95	24.39

BRCA0003-010 04/01/2015

	Rates	Fringes
TILE FINISHER		
Area 1.....	\$ 23.32	10.43
Area 2.....	\$ 23.31	12.90
Area 3.....	\$ 23.49	12.77
Area 4.....	\$ 22.99	12.25
Tile Layer		
Area 1.....	\$ 39.42	12.42
Area 2.....	\$ 37.31	14.19
Area 3.....	\$ 41.87	14.24
Area 4.....	\$ 38.74	14.19

AREA 1: Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Sutter, Tehama, Yolo, Yuba  
 AREA 2: Alpine, Amador  
 AREA 3: Marin, Napa, Solano, Siskiyou  
 AREA 4: Sonoma

BRCA0003-014 08/01/2013

	Rates	Fringes
MARBLE MASON.....	\$ 39.30	22.48

CARP0034-001 07/01/2014

	Rates	Fringes
Diver		
Assistant Tender, ROV		
Tender/Technician.....	\$ 39.60	30.73
Diver standby.....	\$ 44.56	30.73
Diver Tender.....	\$ 43.56	30.73
Diver wet.....	\$ 89.12	30.73
Manifold Operator (mixed gas).....	\$ 48.56	30.73
Manifold Operator (Standby).....	\$ 43.56	30.73

DEPTH PAY (Surface Diving):

050 to 100 ft     \$2.00 per foot  
 101 to 150 ft     \$3.00 per foot  
 151 to 220 ft     \$4.00 per foot

SATURATION DIVING:

The standby rate shall apply until saturation starts. The saturation diving rate applies when divers are under pressure continuously until work task and decompression are complete. The diver rate shall be paid for all saturation hours.

DIVING IN ENCLOSURES:

Where it is necessary for Divers to enter pipes or tunnels, or other enclosures where there is no vertical ascent, the following premium shall be paid: Distance traveled from entrance 26 feet to 300 feet: \$1.00 per foot. When it is necessary for a diver to enter any pipe, tunnel or other enclosure less than 48" in height, the premium will be \$1.00 per foot.

WORK IN COMBINATION OF CLASSIFICATIONS:

Employees working in any combination of classifications within the diving crew (except dive supervisor) in a shift are paid in the classification with the highest rate for that shift.

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 CARP0034-003 07/01/2014

	Rates	Fringes
Piledriver.....	\$ 40.60	30.73

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CARP0035-001 08/01/2015

AREA 1: MARIN, NAPA, SOLANO & SONOMA

AREA 3: SACRAMENTO, WESTERN EL DORADO (Territory west of an including highway 49 and the territory inside the city limits of Placerville), WESTERN PLACER (Territory west of and including highway 49), & YOLO

AREA 4: ALPINE, BUTTE, COLUSA, EASTERN EL DORADO, GLENN, LASSEN, MODOC, NEVADA, EASTERN PLACER, PLUMAS, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, & YUBA

	Rates	Fringes
Drywall Installers/Lathers:		
Area 1.....	\$ 42.40	26.42
Area 3.....	\$ 37.02	26.42
Area 4.....	\$ 35.67	26.42
Drywall Stocker/Scrapper		
Area 1.....	\$ 21.20	14.60
Area 3.....	\$ 18.51	14.60
Area 4.....	\$ 17.84	14.60

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CARP0035-009 07/01/2015

Marin County

	Rates	Fringes
CARPENTER		
Bridge Builder/Highway Carpenter.....	\$ 42.40	25.98
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 42.55	25.98
Journeyman Carpenter.....	\$ 42.40	25.98
Millwright.....	\$ 42.50	27.38

CARP0035-010 07/01/2014

AREA 1: Marin, Napa, Solano & Sonoma Counties

AREA 2: Monterey, San Benito and Santa Cruz

AREA 3: Alpine, Butte, Colusa, El Dorado, Glenn, Lassen, Modoc,  
Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou,  
Sutter, Tehama, Trinity, Yolo & Yuba counties

	Rates	Fringes
Modular Furniture Installer		
Area 1		
Installer I.....	\$ 23.36	18.31
Installer II.....	\$ 19.93	18.31
Lead Installer.....	\$ 26.81	18.81
Master Installer.....	\$ 31.03	18.81
Area 2		
Installer I.....	\$ 20.71	18.31
Installer II.....	\$ 17.76	18.31
Lead Installer.....	\$ 23.68	18.81
Master Installer.....	\$ 27.31	18.81
Area 3		
Installer I.....	\$ 19.76	18.31
Installer II.....	\$ 16.99	18.31
Lead Installer.....	\$ 22.56	18.81
Master Installer.....	\$ 29.58	18.81

CARP0046-001 07/01/2015

El Dorado (West), Placer (West), Sacramento and Yolo Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 42.40	25.98
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 36.67	25.98
Journeyman Carpenter.....	\$ 36.52	25.98
Millwright.....	\$ 39.02	27.38

Footnote: Placer County (West) includes territory West of and including Highway 49 and El Dorado County (West) includes territory West of and including Highway 49 and territory inside the city limits of Placerville.

CARP0046-002 07/01/2015

Alpine, Colusa, El Dorado (East), Nevada, Placer (East), Sierra, Sutter and Yuba Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 42.40	25.98
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 35.32	25.98
Journeyman Carpenter.....	\$ 35.17	25.98
Millwright.....	\$ 37.67	27.38

CARP0152-003 07/01/2014

Amador County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 40.35	27.53
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 33.27	27.53
Journeyman Carpenter.....	\$ 33.12	27.53
Millwright.....	\$ 35.62	29.12

CARP0180-001 07/01/2015

Solano County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 42.40	25.98
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 42.55	25.98
Journeyman Carpenter.....	\$ 42.40	25.98
Millwright.....	\$ 42.50	27.38

CARP0751-001 07/01/2015

Napa and Sonoma Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 42.40	25.98
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 42.55	25.98
Journeyman Carpenter.....	\$ 42.40	25.98
Millwright.....	\$ 42.50	27.38

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 CARP1599-001 07/01/2015

Butte, Glenn, Lassen, Modoc, Plumas, Shasta, Siskiyou, Tehama  
 and Trinity Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 42.40	25.98
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 35.32	25.98
Journeyman Carpenter.....	\$ 35.17	25.98
Millwright.....	\$ 37.67	27.38

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 ELEC0180-001 06/01/2015

NAPA AND SOLANO COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 50.97	3%+20.13
ELECTRICIAN.....	\$ 45.31	21.98

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 ELEC0180-003 12/01/2015

NAPA AND SOLANO COUNTIES

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 33.32	16.29
Technician.....	\$ 34.32	17.33

SCOPE OF WORK INCLUDES-

SOUND & VOICE TRANSMISSION (Music, Intercom, Nurse Call,  
 Telephone); FIRE ALARM SYSTEMS [excluding fire alarm work  
 when installed in raceways (including wire and cable  
 pulling) and when performed on new or major remodel  
 building projects or jobs],  
 TELEVISION & VIDEO SYSTEMS, SECURITY SYSTEMS, COMMUNICATIONS  
 SYSTEMS that transmit or receive information and/or control

systems that are intrinsic to the above.

EXCLUDES-

Excludes all other data systems or multiple systems which include control function or power supply; excludes installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excludes energy management systems.

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ELEC0340-002 12/01/2015

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, NEVADA, PLACER, PLUMAS, SACRAMENTO, TRINITY, YOLO, YUBA COUNTIES

	Rates	Fringes
Communications System		
Sound & Communications		
Installer.....	\$ 27.85	14.80
Sound & Communications		
Technician.....	\$ 32.03	14.92

SCOPE OF WORK

Includes the installation testing, service and maintenance, of the following systems which utilize the transmission and/or transference of voice, sound, vision and digital for commercial, education, security and entertainment purposes for the following TV monitoring and surveillance, background-foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multi-media, multiplex, nurse call system, radio page, school intercom and sound, burglar alarms, and low voltage master clock systems.

A. SOUND AND VOICE TRANSMISSION/TRANSFERENCE SYSTEMS  
Background foreground music Intercom and telephone interconnect systems, Telephone systems, Nurse call systems, Radio page systems, School intercom and sound systems, Burglar alarm systems, Low voltage master clock systems, Multi-media/multiplex systems, Sound and musical entertainment systems, RF systems, Antennas and Wave Guide.

B. FIRE ALARM SYSTEMS  
Installation, wire pulling and testing

C. TELEVISION AND VIDEO SYSTEMS      Television monitoring and surveillance systems, Video security systems, Video entertainment systems, Video educational systems, Microwave transmission systems, CATV and CCTV

D. SECURITY SYSTEMS      Perimeter security systems  
Vibration sensor systems      Card access systems      Access control systems      Sonar/infrared monitoring equipment

E. COMMUNICATIONS SYSTEMS THAT TRANSMIT OR RECEIVE INFORMATION AND/OR CONTROL SYSTEMS THAT ARE INTRINSIC TO

THE ABOVE LISTED SYSTEMS SCADA (Supervisory Control and Data Acquisition) PCM (Pulse Code Modulation) Inventory Control Systems Digital Data Systems Broadband and Baseband and Carriers Point of Sale Systems VSAT Data Systems Data Communication Systems RF and Remote Control Systems Fiber Optic Data Systems WORK EXCLUDED Raceway systems are not covered (excluding Ladder-Rack for the purpose of the above listed systems). Chases and/or nipples (not to exceed 10 feet) may be installed on open wiring systems. Energy management systems. SCADA (Supervisory Control and Data Acquisition) when not intrinsic to the above listed systems (in the scope). Fire alarm systems when installed in raceways (including wire and cable pulling) shall be performed at the electrician wage rate, when either of the following two (2) conditions apply:

1. The project involves new or major remodel building trades construction.
2. The conductors for the fire alarm system are installed in conduit.

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 ELEC0340-003 02/01/2016

ALPINE (West of Sierra Mt. Watershed), AMADOR, BUTTE, COLUSA, EL DORADO (West of Sierra Mt. Watershed), GLENN, LASSEN, NEVADA (West of Sierra Mt. Watershed), PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA (West of Sierra Mt. Watershed), SUTTER, TEHAMA, TRINITY, YOLO & YUBA COUNTIES

	Rates	Fringes
ELECTRICIAN		
Remaining area.....	\$ 39.06	24.51
Sierra Army Depot, Herlong..	\$ 48.83	18.54
Tunnel work.....	\$ 41.01	18.54

CABLE SPLICER: Receives 110% of the Electrician basic hourly rate.

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 ELEC0401-005 11/01/2014

ALPINE (east of the main watershed divide), EL DORADO (east of the main watershed divide), NEVADA (east of the main watershed), PLACER (east of the main watershed divide) and SIERRA (east of the main watershed divide) COUNTIES:

	Rates	Fringes
ELECTRICIAN.....	\$ 37.50	15.14

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 ELEC0551-004 12/01/2015

MARIN AND SONOMA COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 47.40	17.78

ELEC0551-005 12/01/2015

MARIN & SONOMA COUNTIES

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 34.32	17.33
Technician.....	\$ 39.08	17.21

SCOPE OF WORK INCLUDES-

SOUND & VOICE TRANSMISSION (Music, Intercom, Nurse Call, Telephone); FIRE ALARM SYSTEMS [excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs], TELEVISION & VIDEO SYSTEMS, SECURITY SYSTEMS, COMMUNICATIONS SYSTEMS that transmit or receive information and/or control systems that are intrinsic to the above.

EXCLUDES-

Excludes all other data systems or multiple systems which include control function or power supply; excludes installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excludes energy management systems.

ELEC0659-006 01/01/2016

DEL NORTE, MODOC and SISKIYOU COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 30.44	16.40

ELEC0659-008 02/01/2013

DEL NORTE, MODOC & SISKIYOU COUNTIES

	Rates	Fringes
Line Construction		
(1) Cable Splicer.....	\$ 51.09	4%+13.30
(2) Lineman, Pole Sprayer, Heavy Line Equipment Man....	\$ 45.62	4%+13.30
(3) Tree Trimmer.....	\$ 32.07	4%+9.80
(4) Line Equipment Man.....	\$ 45.62	4%+9.80
(5) Powdermen, Jackhammermen.....	\$ 34.22	4%+9.80
(6) Groundman.....	\$ 31.31	4%+9.80

ELEC1245-004 06/01/2015

ALL COUNTIES EXCEPT DEL NORTE, MODOC & SISKIYOU

	Rates	Fringes
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LINE CONSTRUCTION

(1) Lineman; Cable splicer..	\$ 52.85	15.53
(2) Equipment specialist (operates crawler tractors, commercial motor vehicles, backhoes, trenchers, cranes (50 tons and below), overhead & underground distribution line equipment).....	\$ 42.21	14.32
(3) Groundman.....	\$ 32.28	14.03
(4) Powderman.....	\$ 47.19	14.06

HOLIDAYS: New Year's Day, M.L. King Day, Memorial Day,  
Independence Day, Labor Day, Veterans Day, Thanksgiving Day  
and day after Thanksgiving, Christmas Day

ELEV0008-001 01/01/2015

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 60.39	28.38

FOOTNOTE:

PAID VACATION: Employer contributes 8% of regular hourly  
rate as vacation pay credit for employees with more than 5  
years of service, and 6% for 6 months to 5 years of service.  
PAID HOLIDAYS: New Years Day, Memorial Day, Independence Day,  
Labor Day, Veterans Day, Thanksgiving Day, Friday after  
Thanksgiving, and Christmas Day.

ENGI0003-008 07/01/2013

	Rates	Fringes
Dredging: (DREDGING: CLAMSHELL & DIPPER DREDGING; HYDRAULIC SUCTION DREDGING:)		
AREA 1:		
(1) Leverman.....	\$ 40.53	27.81
(2) Dredge Dozer; Heavy duty repairman.....	\$ 35.57	27.81
(3) Booster Pump Operator; Deck Engineer; Deck mate; Dredge Tender; Winch Operator.....	\$ 34.45	27.81
(4) Bargeman; Deckhand; Fireman; Leveehand; Oiler..	\$ 31.15	27.81
AREA 2:		
(1) Leverman.....	\$ 42.53	27.81
(2) Dredge Dozer; Heavy duty repairman.....	\$ 37.57	27.81
(3) Booster Pump Operator; Deck Engineer; Deck mate; Dredge Tender; Winch Operator.....	\$ 36.45	27.81
(4) Bargeman; Deckhand;		

Fireman; Leveehand; Oiler..\$ 33.15

27.81

## AREA DESCRIPTIONS

AREA 1: ALAMEDA,BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED,  
NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN,  
SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS,  
SUTTER, YOLO, AND YUBA COUNTIES

## AREA 2: MODOC COUNTY

THE REMAINGING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2  
AS NOTED BELOW:

## ALPINE COUNTY:

Area 1: Northernmost part

Area 2: Remainder

## CALAVERAS COUNTY:

Area 1: Remainder

Area 2: Eastern part

## COLUSA COUNTY:

Area 1: Eastern part

Area 2: Remainder

## ELDORADO COUNTY:

Area 1: North Central part

Area 2: Remainder

## FRESNO COUNTY:

Area 1: Remainder

Area 2: Eastern part

## GLENN COUNTY:

Area 1: Eastern part

Area 2: Remainder

## LASSEN COUNTY:

Area 1: Western part along the Southern portion of border  
with Shasta County

Area 2: Remainder

## MADERA COUNTY:

Area 1: Except Eastern part

Area 2: Eastern part

## MARIPOSA COUNTY

Area 1: Except Eastern part

Area 2: Eastern part

## MONTERREY COUNTY

Area 1: Except Southwestern part

Area 2: Southwestern part

## NEVADA COUNTY:

Area 1: All but the Northern portion along the border of  
Sierra County

Area 2: Remainder

## PLACER COUNTY:

Area 1: All but the Central portion  
Area 2: Remainder

PLUMAS COUNTY:  
Area 1: Western portion  
Area 2: Remainder

SHASTA COUNTY:  
Area 1: All but the Northeastern corner  
Area 2: Remainder

SIERRA COUNTY:  
Area 1: Western part  
Area 2: Remainder

SISKIYOU COUNTY:  
Area 1: Central part  
Area 2: Remainder

SONOMA COUNTY:  
Area 1: All but the Northwestern corner  
Area 2: Remainder

TEHAMA COUNTY:  
Area 1: All but the Western border with Mendocino & Trinity  
Counties  
Area 2: Remainder

TRINITY COUNTY:  
Area 1: East Central part and the Northeastern border with  
Shasta County  
Area 2: Remainder

TUOLUMNE COUNTY:  
Area 1: Except Eastern part  
Area 2: Eastern part

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ENGI0003-018 06/30/2014

"AREA 1" WAGE RATES ARE LISTED BELOW

"AREA 2" RECEIVES AN ADDITIONAL \$2.00 PER HOUR ABOVE AREA 1  
RATES.

SEE AREA DEFINITIONS BELOW

	Rates	Fringes
OPERATOR: Power Equipment (AREA 1:)		
GROUP 1.....	\$ 39.85	27.44
GROUP 2.....	\$ 38.32	27.44
GROUP 3.....	\$ 36.84	27.44
GROUP 4.....	\$ 35.46	27.44
GROUP 5.....	\$ 34.19	27.44
GROUP 6.....	\$ 32.87	27.44
GROUP 7.....	\$ 31.73	27.44
GROUP 8.....	\$ 30.59	27.44
GROUP 8-A.....	\$ 28.38	27.44

OPERATOR: Power Equipment  
(Cranes and Attachments -  
AREA 1:)

GROUP 1		
Cranes.....	\$ 40.73	27.44
Oiler.....	\$ 33.76	27.44
Truck crane oiler.....	\$ 37.33	27.44
GROUP 2		
Cranes.....	\$ 38.97	27.44
Oiler.....	\$ 33.50	27.44
Truck crane oiler.....	\$ 37.04	27.44
GROUP 3		
Cranes.....	\$ 37.23	27.44
Hydraulic.....	\$ 32.87	27.44
Oiler.....	\$ 33.26	27.44
Truck Crane Oiler.....	\$ 36.77	27.44
GROUP 4		
Cranes.....	\$ 34.19	27.44

OPERATOR: Power Equipment  
(Piledriving - AREA 1:)

GROUP 1		
Lifting devices.....	\$ 41.07	27.44
Oiler.....	\$ 31.81	27.44
Truck crane oiler.....	\$ 34.09	27.44
GROUP 2		
Lifting devices.....	\$ 39.25	27.44
Oiler.....	\$ 31.54	27.44
Truck Crane Oiler.....	\$ 33.84	27.44
GROUP 3		
Lifting devices.....	\$ 37.57	27.44
Oiler.....	\$ 31.32	27.44
Truck Crane Oiler.....	\$ 33.55	27.44
GROUP 4		
Lifting devices.....	\$ 35.80	27.44
GROUP 5		
Lifting devices.....	\$ 34.50	27.44
GROUP 6		
Lifting devices.....	\$ 33.16	27.44

OPERATOR: Power Equipment  
(Steel Erection - AREA 1:)

GROUP 1		
Cranes.....	\$ 41.70	27.44
Oiler.....	\$ 32.15	27.44
Truck Crane Oiler.....	\$ 34.38	27.44
GROUP 2		
Cranes.....	\$ 39.93	27.44
Oiler.....	\$ 31.88	27.44
Truck Crane Oiler.....	\$ 34.16	27.44
GROUP 3		
Cranes.....	\$ 38.45	27.44
Hydraulic.....	\$ 32.67	27.44
Oiler.....	\$ 31.66	27.44
Truck Crane Oiler.....	\$ 33.89	27.44
GROUP 4		
Cranes.....	\$ 36.43	27.44
GROUP 5		
Cranes.....	\$ 35.13	27.44

OPERATOR: Power Equipment  
(Tunnel and Underground Work  
- AREA 1:)

SHAFTS, STOPES, RAISES:

GROUP 1.....	\$ 35.95	27.44
GROUP 1-A.....	\$ 38.32	27.44
GROUP 2.....	\$ 34.59	27.44
GROUP 3.....	\$ 33.36	27.44
GROUP 4.....	\$ 32.22	27.44
GROUP 5.....	\$ 31.08	27.44
UNDERGROUND:		
GROUP 1.....	\$ 35.85	27.44
GROUP 1-A.....	\$ 38.32	27.44
GROUP 2.....	\$ 34.59	27.44
GROUP 3.....	\$ 33.26	27.44
GROUP 4.....	\$ 32.12	27.44
GROUP 5.....	\$ 30.98	27.44

FOOTNOTE: Work suspended by ropes or cables, or work on a Yo-Yo Cat: \$.60 per hour additional.

#### POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Operator of helicopter (when used in erection work); Hydraulic excavator, 7 cu. yds. and over; Power shovels, over 7 cu. yds.

GROUP 2: Highline cableway; Hydraulic excavator, 3-1/2 cu. yds. up to 7 cu. yds.; Licensed construction work boat operator, on site; Power blade operator (finish); Power shovels, over 1 cu. yd. up to and including 7 cu. yds. m.r.c.

GROUP 3: Asphalt milling machine; Cable backhoe; Combination backhoe and loader over 3/4 cu. yds.; Continuous flight tie back machine assistant to engineer or mechanic; Crane mounted continuous flight tie back machine, tonnage to apply; Crane mounted drill attachment, tonnage to apply; Dozer, slope brd; Gradall; Hydraulic excavator, up to 3 1/2 cu. yds.; Loader 4 cu. yds. and over; Long reach excavator; Multiple engine scraper (when used as push pull); Power shovels, up to and including 1 cu. yd.; Pre-stress wire wrapping machine; Side boom cat, 572 or larger; Track loader 4 cu. yds. and over; Wheel excavator (up to and including 750 cu. yds. per hour)

GROUP 4: Asphalt plant engineer/box person; Chicago boom; Combination backhoe and loader up to and including 3/4 cu. yd.; Concrete batch plant (wet or dry); Dozer and/or push cat; Pull- type elevating loader; Gradesetter, grade checker (GPS, mechanical or otherwise); Grooving and grinding machine; Heading shield operator; Heavy-duty drilling equipment, Hughes, LDH, Watson 3000 or similar; Heavy-duty repairperson and/or welder; Lime spreader; Loader under 4 cu. yds.; Lubrication and service engineer (mobile and grease rack); Mechanical finishers or spreader machine (asphalt, Barber-Greene and similar); Miller Formless M-9000 slope paver or similar; Portable crushing and screening plants; Power blade support; Roller operator, asphalt; Rubber-tired scraper, self-loading (paddle-wheels, etc.); Rubber- tired earthmoving equipment (scrapers); Slip form paver (concrete); Small tractor with drag; Soil stabilizer (P & H or equal); Spider plow and spider puller; Tubex pile rig; Unlicensed constuction work boat operator,

on site; Timber skidder; Track loader up to 4 yds.; Tractor-drawn scraper; Tractor, compressor drill combination; Welder; Woods-Mixer (and other similar Pugmill equipment)

GROUP 5: Cast-in-place pipe laying machine; Combination slusher and motor operator; Concrete conveyor or concrete pump, truck or equipment mounted; Concrete conveyor, building site; Concrete pump or pumpcrete gun; Drilling equipment, Watson 2000, Texoma 700 or similar; Drilling and boring machinery, horizontal (not to apply to waterliners, wagon drills or jackhammers); Concrete mixer/all; Person and/or material hoist; Mechanical finishers (concrete) (Clary, Johnson, Bidwell Bridge Deck or similar types); Mechanical burm, curb and/or curb and gutter machine, concrete or asphalt); Mine or shaft hoist; Portable crusher; Power jumbo operator (setting slip-forms, etc., in tunnels); Screed (automatic or manual); Self-propelled compactor with dozer; Tractor with boom D6 or smaller; Trenching machine, maximum digging capacity over 5 ft. depth; Vermeer T-600B rock cutter or similar

GROUP 6: Armor-Coater (or similar); Ballast jack tamper; Boom- type backfilling machine; Assistant plant engineer; Bridge and/or gantry crane; Chemical grouting machine, truck-mounted; Chip spreading machine operator; Concrete saw (self-propelled unit on streets, highways, airports and canals); Deck engineer; Drilling equipment Texoma 600, Hughes 200 Series or similar up to and including 30 ft. m.r.c.; Drill doctor; Helicopter radio operator; Hydro-hammer or similar; Line master; Skidsteer loader, Bobcat larger than 743 series or similar (with attachments); Locomotive; Lull hi-lift or similar; Oiler, truck mounted equipment; Pavement breaker, truck-mounted, with compressor combination; Paving fabric installation and/or laying machine; Pipe bending machine (pipelines only); Pipe wrapping machine (tractor propelled and supported); Screed (except asphaltic concrete paving); Self-propelled pipeline wrapping machine; Tractor; Self-loading chipper; Concrete barrier moving machine

GROUP 7: Ballast regulator; Boom truck or dual-purpose A-frame truck, non-rotating - under 15 tons; Cary lift or similar; Combination slurry mixer and/or cleaner; Drilling equipment, 20 ft. and under m.r.c.; Firetender (hot plant); Grouting machine operator; Highline cableway signalperson; Stationary belt loader (Kolman or similar); Lift slab machine (Vagtborg and similar types); Maginnes internal full slab vibrator; Material hoist (1 drum); Mechanical trench shield; Pavement breaker with or without compressor combination); Pipe cleaning machine (tractor propelled and supported); Post driver; Roller (except asphalt); Chip Seal; Self-propelled automatically applied concrete curing machine (on streets, highways, airports and canals); Self-propelled compactor (without dozer); Signalperson; Slip-form pumps (lifting device for concrete forms); Tie spacer; Tower mobile; Trenching machine, maximum digging capacity up to and including 5 ft. depth; Truck- type loader

GROUP 8: Bit sharpener; Boiler tender; Box operator; Brakeperson; Combination mixer and compressor

(shotcrete/gunite); Compressor operator; Deckhand; Fire tender; Forklift (under 20 ft.); Generator; Gunite/shotcrete equipment operator; Hydraulic monitor; Ken seal machine (or similar); Mixermobile; Oiler; Pump operator; Refrigeration plant; Reservoir-debris tug (self-propelled floating); Ross Carrier (construction site); Rotomist operator; Self-propelled tape machine; Shuttlecar; Self-propelled power sweeper operator (includes vacuum sweeper); Slusher operator; Surface heater; Switchperson; Tar pot fire tender; Tugger hoist, single drum; Vacuum cooling plant; Welding machine (powered other than by electricity)

GROUP 8-A: Elevator operator; Skidsteer loader-Bobcat 743 series or smaller, and similar (without attachments); Mini excavator under 25 H.P. (backhoe-trencher); Tub grinder wood chipper

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#### ALL CRANES AND ATTACHMENTS

GROUP 1: Clamshell and dragline over 7 cu. yds.; Crane, over 100 tons; Derrick, over 100 tons; Derrick barge pedestal-mounted, over 100 tons; Self-propelled boom-type lifting device, over 100 tons

GROUP 2: Clamshell and dragline over 1 cu. yd. up to and including 7 cu. yds.; Crane, over 45 tons up to and including 100 tons; Derrick barge, 100 tons and under; Self-propelled boom-type lifting device, over 45 tons; Tower crane

GROUP 3: Clamshell and dragline up to and including 1 cu. yd.; Cranes 45 tons and under; Self-propelled boom-type lifting device 45 tons and under;

GROUP 4: Boom Truck or dual purpose A-frame truck, non-rotating over 15 tons; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) over 15 tons; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) - under 15 tons;

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#### PILEDRIVERS

GROUP 1: Derrick barge pedestal mounted over 100 tons; Clamshell over 7 cu. yds.; Self-propelled boom-type lifting device over 100 tons; Truck crane or crawler, land or barge mounted over 100 tons

GROUP 2: Derrick barge pedestal mounted 45 tons to and including 100 tons; Clamshell up to and including 7 cu. yds.; Self-propelled boom-type lifting device over 45 tons; Truck crane or crawler, land or barge mounted, over 45 tons up to and including 100 tons; Fundex F-12 hydraulic pile rig

GROUP 3: Derrick barge pedestal mounted under 45 tons; Self-propelled boom-type lifting device 45 tons and under;

Skid/scow piledriver, any tonnage; Truck crane or crawler,  
land or barge mounted 45 tons and under

GROUP 4: Assistant operator in lieu of assistant to engineer;  
Forklift, 10 tons and over; Heavy-duty repairperson/welder

GROUP 5: Deck engineer

GROUP 6: Deckhand; Fire tender

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#### STEEL ERECTORS

GROUP 1: Crane over 100 tons; Derrick over 100 tons; Self-propelled boom-type lifting device over 100 tons

GROUP 2: Crane over 45 tons to 100 tons; Derrick under 100 tons; Self-propelled boom-type lifting device over 45 tons to 100 tons; Tower crane

GROUP 3: Crane, 45 tons and under; Self-propelled boom-type lifting device, 45 tons and under

GROUP 4: Chicago boom; Forklift, 10 tons and over; Heavy-duty repair person/welder

GROUP 5: Boom cat

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#### TUNNEL AND UNDERGROUND WORK

GROUP 1-A: Tunnel bore machine operator, 20' diameter or more

GROUP 1: Heading shield operator; Heavy-duty repairperson; Mucking machine (rubber tired, rail or track type); Raised bore operator (tunnels); Tunnel mole bore operator

GROUP 2: Combination slusher and motor operator; Concrete pump or pumpcrete gun; Power jumbo operator

GROUP 3: Drill doctor; Mine or shaft hoist

GROUP 4: Combination slurry mixer cleaner; Grouting Machine operator; Motorman

GROUP 5: Bit Sharpener; Brakeman; Combination mixer and compressor (gunite); Compressor operator; Oiler; Pump operator; Slusher operator

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#### AREA DESCRIPTIONS:

POWER EQUIPMENT OPERATORS, CRANES AND ATTACHMENTS, TUNNEL AND UNDERGROUND [These areas do not apply to Piledrivers and Steel Erectors]

AREA 1: ALAMEDA, BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED,

NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN,  
SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS,  
SUTTER, YOLO, AND YUBA COUNTIES

AREA 2 - MODOC COUNTY

THE REMAINING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS  
NOTED BELOW:

ALPINE COUNTY:

Area 1: Northernmost part  
Area 2: Remainder

CALAVERAS COUNTY:

Area 1: Except Eastern part  
Area 2: Eastern part

COLUSA COUNTY:

Area 1: Eastern part  
Area 2: Remainder

DEL NORTE COUNTY:

Area 1: Extreme Southwestern corner  
Area 2: Remainder

ELDORADO COUNTY:

Area 1: North Central part  
Area 2: Remainder

FRESNO COUNTY

Area 1: Except Eastern part  
Area 2: Eastern part

GLENN COUNTY:

Area 1: Eastern part  
Area 2: Remainder

HUMBOLDT COUNTY:

Area 1: Except Eastern and Southwestern parts  
Area 2: Remainder

LAKE COUNTY:

Area 1: Southern part  
Area 2: Remainder

LASSEN COUNTY:

Area 1: Western part along the Southern portion of border  
with Shasta County  
Area 2: Remainder

MADERA COUNTY

Area 1: Remainder  
Area 2: Eastern part

MARIPOSA COUNTY

Area 1: Remainder  
Area 2: Eastern part

MENDOCINO COUNTY:

Area 1: Central and Southeastern parts  
Area 2: Remainder

MONTEREY COUNTY

Area 1: Remainder

Area 2: Southwestern part

NEVADA COUNTY:

Area 1: All but the Northern portion along the border of  
Sierra County

Area 2: Remainder

PLACER COUNTY:

Area 1: All but the Central portion

Area 2: Remainder

PLUMAS COUNTY:

Area 1: Western portion

Area 2: Remainder

SHASTA COUNTY:

Area 1: All but the Northeastern corner

Area 2: Remainder

SIERRA COUNTY:

Area 1: Western part

Area 2: Remainder

SISKIYOU COUNTY:

Area 1: Central part

Area 2: Remainder

SONOMA COUNTY:

Area 1: All but the Northwestern corner

Area 2: Reaminder

TEHAMA COUNTY:

Area 1: All but the Western border with mendocino & Trinity  
Counties

Area 2: Remainder

TRINITY COUNTY:

Area 1: East Central part and the Northeaster border with  
Shasta County

Area 2: Remainder

TULARE COUNTY;

Area 1: Remainder

Area 2: Eastern part

TUOLUMNE COUNTY:

Area 1: Remainder

Area 2: Eastern Part

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ENGI0003-019 07/01/2013

SEE AREA DESCRIPTIONS BELOW

Rates

Fringes

OPERATOR: Power Equipment  
(LANDSCAPE WORK ONLY)

GROUP 1		
AREA 1.....	\$ 29.64	25.71
AREA 2.....	\$ 31.64	25.71
GROUP 2		
AREA 1.....	\$ 26.04	25.71
AREA 2.....	\$ 28.04	25.71
GROUP 3		
AREA 1.....	\$ 21.43	25.71
AREA 2.....	\$ 23.43	25.71

#### GROUP DESCRIPTIONS:

GROUP 1: Landscape Finish Grade Operator: All finish grade work regardless of equipment used, and all equipment with a rating more than 65 HP.

GROUP 2: Landscape Operator up to 65 HP: All equipment with a manufacturer's rating of 65 HP or less except equipment covered by Group 1 or Group 3. The following equipment shall be included except when used for finish work as long as manufacturer's rating is 65 HP or less: A-Frame and Winch Truck, Backhoe, Forklift, Hydragraphic Seeder Machine, Roller, Rubber-Tired and Track Earthmoving Equipment, Skiploader, Straw Blowers, and Trencher 31 HP up to 65 HP.

GROUP 3: Landscae Utility Operator: Small Rubber-Tired Tractor, Trencher Under 31 HP.

#### AREA DESCRIPTIONS:

AREA 1: ALAMEDA, BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED, NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS, SUTTER, YOLO, AND YUBA COUNTIES

#### AREA 2 - MODOC COUNTY

THE REMAINING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

#### ALPINE COUNTY:

Area 1: Northernmost part  
Area 2: Remainder

#### CALAVERAS COUNTY:

Area 1: Except Eastern part  
Area 2: Eastern part

#### COLUSA COUNTY:

Area 1: Eastern part  
Area 2: Remainder

#### DEL NORTE COUNTY:

Area 1: Extreme Southwestern corner  
Area 2: Remainder

#### ELDORADO COUNTY:

Area 1: North Central part  
Area 2: Remainder

## FRESNO COUNTY

Area 1: Except Eastern part

Area 2: Eastern part

## GLENN COUNTY:

Area 1: Eastern part

Area 2: Remainder

## HUMBOLDT COUNTY:

Area 1: Except Eastern and Southwestern parts

Area 2: Remainder

## LAKE COUNTY:

Area 1: Southern part

Area 2: Remainder

## LASSEN COUNTY:

Area 1: Western part along the Southern portion of border  
with Shasta County

Area 2: Remainder

## MADERA COUNTY

Area 1: Remainder

Area 2: Eastern part

## MARIPOSA COUNTY

Area 1: Remainder

Area 2: Eastern part

## MENDOCINO COUNTY:

Area 1: Central and Southeastern parts

Area 2: Remainder

## MONTEREY COUNTY

Area 1: Remainder

Area 2: Southwestern part

## NEVADA COUNTY:

Area 1: All but the Northern portion along the border of  
Sierra County

Area 2: Remainder

## PLACER COUNTY:

Area 1: All but the Central portion

Area 2: Remainder

## PLUMAS COUNTY:

Area 1: Western portion

Area 2: Remainder

## SHASTA COUNTY:

Area 1: All but the Northeastern corner

Area 2: Remainder

## SIERRA COUNTY:

Area 1: Western part

Area 2: Remainder

## SISKIYOU COUNTY:

Area 1: Central part

Area 2: Remainder

SONOMA COUNTY:

- Area 1: All but the Northwestern corner
- Area 2: Reaminder

TEHAMA COUNTY:

- Area 1: All but the Western border with mendocino & Trinity Counties
- Area 2: Remainder

TRINITY COUNTY:

- Area 1: East Central part and the Northeaster border with Shasta County
- Area 2: Remainder

TULARE COUNTY;

- Area 1: Remainder
- Area 2: Eastern part

TUOLUMNE COUNTY:

- Area 1: Remainder
- Area 2: Eastern Part

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 IRON0377-002 01/01/2016

	Rates	Fringes
Ironworkers:		
Fence Erector.....	\$ 27.58	20.64
Ornamental, Reinforcing and Structural.....	\$ 34.00	29.20

PREMIUM PAY:

\$6.00 additional per hour at the following locations:

China Lake Naval Test Station, Chocolate Mountains Naval Reserve-Niland, Edwards AFB, Fort Irwin Military Station, Fort Irwin Training Center-Goldstone, San Clemente Island, San Nicholas Island, Susanville Federal Prison, 29 Palms - Marine Corps, U.S. Marine Base - Barstow, U.S. Naval Air Facility - Sealey, Vandenberg AFB

\$4.00 additional per hour at the following locations:

Army Defense Language Institute - Monterey, Fallon Air Base, Naval Post Graduate School - Monterey, Yermo Marine Corps Logistics Center

\$2.00 additional per hour at the following locations:

Port Hueneme, Port Mugu, U.S. Coast Guard Station - Two Rock

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 LAB00067-002 12/01/2015

AREA "A" - ALAMEDA, CONTRA COSTA, MARIN, SAN FRANCISCO, SAN MATEO AND SANTA CLARA COUNTIES

AREA "B" - ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, DEL NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, KINGS, LAKE, LASSEN, MADERA, MARIPOSA, MENDOCINO, MERCED, MODOC, MONTEREY, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, STANISLAUS, SUTTER, TEHAMA, TRINITY, TULARE, TUOLUMNE, YOLO AND YUBA COUNTIES

	Rates	Fringes
Asbestos Removal Laborer		
Areas A & B.....	\$ 20.66	10.02
LABORER (Lead Removal)		
Area A.....	\$ 29.02	20.82
Area B.....	\$ 28.02	20.82

ASBESTOS REMOVAL-SCOPE OF WORK: Site mobilization; initial site clean-up; site preparation; removal of asbestos-containing materials from walls and ceilings; or from pipes, boilers and mechanical systems only if they are being scrapped; encapsulation, enclosure and disposal of asbestos-containing materials by hand or with equipment or machinery; scaffolding; fabrication of temporary wooden barriers; and assembly of decontamination stations.

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LAB00067-006 06/30/2014

AREA "A" - ALAMEDA, CONTRA COSTA, MARIN, SAN FRANCISCO, SAN MATEO AND SANTA CLARA COUNTIES

AREA "B" - ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, EL DORADO, FRESNO, GLENN, KINGS, LASSEN, MADERA, MARIPOSA, MERCED, MODOC, MONTEREY, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, STANISLAUS, SUTTER, TEHAMA, TRINITY, TULARE, TUOLUMNE, YOLO AND YUBA COUNTIES

	Rates	Fringes
Laborers: (CONSTRUCTION CRAFT LABORERS - AREA A:)		
Construction Specialist		
Group.....	\$ 29.09	18.66
GROUP 1.....	\$ 28.39	18.66
GROUP 1-a.....	\$ 28.61	18.66
GROUP 1-c.....	\$ 28.44	18.66
GROUP 1-e.....	\$ 28.94	18.66
GROUP 1-f.....	\$ 28.97	18.66
GROUP 1-g (Contra Costa County).....	\$ 28.59	18.66
GROUP 2.....	\$ 28.24	18.66
GROUP 3.....	\$ 28.14	18.66
GROUP 4.....	\$ 21.83	18.66

See groups 1-b and 1-d under laborer classifications.

Laborers: (CONSTRUCTION CRAFT LABORERS - AREA B:)		
Construction Specialist		
Group.....	\$ 28.09	18.66

GROUP 1.....	\$ 27.39	18.66
GROUP 1-a.....	\$ 27.61	18.66
GROUP 1-c.....	\$ 27.44	18.66
GROUP 1-e.....	\$ 27.94	18.66
GROUP 1-f.....	\$ 27.97	18.66
GROUP 2.....	\$ 27.24	18.66
GROUP 3.....	\$ 27.14	18.66
GROUP 4.....	\$ 20.83	18.66

See groups 1-b and 1-d under laborer classifications.

Laborers: (GUNITE - AREA A:)

GROUP 1.....	\$ 29.35	18.66
GROUP 2.....	\$ 28.85	18.66
GROUP 3.....	\$ 28.26	18.66
GROUP 4.....	\$ 28.14	18.66

Laborers: (GUNITE - AREA B:)

GROUP 1.....	\$ 28.35	18.66
GROUP 2.....	\$ 27.85	18.66
GROUP 3.....	\$ 27.26	18.66
GROUP 4.....	\$ 27.14	18.66

Laborers: (WRECKING - AREA A:)

GROUP 1.....	\$ 28.39	18.66
GROUP 2.....	\$ 28.24	18.66

Laborers: (WRECKING - AREA B:)

GROUP 1.....	\$ 27.39	18.66
GROUP 2.....	\$ 27.24	18.66

Landscape Laborer (GARDENERS,  
HORTICULTURAL & LANDSCAPE  
LABORERS - AREA A:)

(1) New Construction.....	\$ 28.14	18.66
(2) Establishment Warranty Period.....	\$ 21.83	18.66

Landscape Laborer (GARDENERS,  
HORTICULTURAL & LANDSCAPE  
LABORERS - AREA B:)

(1) New Construction.....	\$ 27.14	18.66
(2) Establishment Warranty Period.....	\$ 20.83	18.66

FOOTNOTES:

Laborers working off or with or from bos'n chairs, swinging scaffolds, belts shall receive \$0.25 per hour above the applicable wage rate. This shall not apply to workers entitled to receive the wage rate set forth in Group 1-a below.

LABORER CLASSIFICATIONS

CONSTRUCTION SPECIALIST GROUP: Asphalt ironer and raker; Chainsaw; Laser beam in connection with laborers' work; Cast-in- place manhole form setter; Pressure pipelayer; Davis trencher - 300 or similar type (and all small trenchers); Blaster; Diamond driller; Multiple unit drill; Hydraulic drill

GROUP 1: Asphalt spreader boxes (all types); Barko, Wacker and similar type tampers; Buggymobile; Caulker, bander, pipewrapper, conduit layer, plastic pipelayer; Certified hazardous waste worker including Leade Abatement;

Compactors of all types; Concrete and magnesite mixer, 1/2 yd. and under; Concrete pan work; Concrete sander; Concrete saw; Cribber and/or shoring; Cut granite curb setter; Dri-pak-it machine; Faller, logloader and buckler; Form raiser, slip forms; Green cutter; Headerboard, Hubsetter, aligner, by any method; High pressure blow pipe (1-1/2" or over, 100 lbs. pressure/over); Hydro seeder and similar type; Jackhammer operator; Jacking of pipe over 12 inches; Jackson and similar type compactor; Kettle tender, pot and worker applying asphalt, lay-kold, creosote, lime, caustic and similar type materials (applying means applying, dipping or handling of such materials); Lagging, sheeting, whaling, bracing, trenchjacking, lagging hammer; Magnesite, epoxyresin, fiberglass, mastic worker (wet or dry); No joint pipe and stripping of same, including repair of voids; Pavement breaker and spader, including tool grinder; Perma curb; Pipelayer (including grade checking in connection with pipelaying); Precast-manhole setter; Pressure pipe tester; Post hole digger, air, gas and electric; Power broom sweeper; Power tampers of all types (except as shown in Group 2); Ram set gun and stud gun; Riprap stonepaver and rock-slinger, including placing of sacked concrete and/or sand (wet or dry) and gabions and similar type; Rotary scarifier or multiple head concrete chipping scarifier; Roto and Ditch Witch; Rototiller; Sandblaster, pot, gun, nozzle operators; Signalling and rigging; Tank cleaner; Tree climber; Turbo blaster; Vibrascreed, bull float in connection with laborers' work; Vibrator; Hazardous waste worker (lead removal); Asbestos and mold removal worker

GROUP 1-a: Joy drill model TWM-2A; Gardner-Denver model DH143 and similar type drills; Track driller; Jack leg driller; Wagon driller; Mechanical drillers, all types regardless of type or method of power; Mechanical pipe layers, all types regardless of type or method of power; Blaster and powder; All work of loading, placing and blasting of all powder and explosives of whatever type regardless of method used for such loading and placing; High scalers (including drilling of same); Tree topper; Bit grinder

GROUP 1-b: Sewer cleaners shall receive \$4.00 per day above Group 1 wage rates. "Sewer cleaner" means any worker who handles or comes in contact with raw sewage in small diameter sewers. Those who work inside recently active, large diameter sewers, and all recently active sewer manholes shall receive \$5.00 per day above Group 1 wage rates.

GROUP 1-c: Burning and welding in connection with laborers' work; Synthetic thermoplastics and similar type welding

GROUP 1-d: Maintenance and repair track and road beds. All employees performing work covered herein shall receive \$ .25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

GROUP 1-e: Work on and/or in bell hole footings and shafts thereof, and work on and in deep footings. (A deep footing is a hole 15 feet or more in depth.) In the event the depth of the footing is unknown at the commencement of excavation, and the final depth exceeds 15 feet, the deep footing wage rate would apply to all employees for each and every day worked on or in the excavation of the footing from the date of inception.

GROUP 1-f: Wire winding machine in connection with guniting or shot crete

GROUP 1-g, CONTRA COSTA COUNTY: Pipelayer (including grade checking in connection with pipelaying); Caulker; Bander; Pipewrapper; Conduit layer; Plastic pipe layer; Pressure pipe tester; No joint pipe and stripping of same, including repair of voids; Precast manhole setters, cast in place manhole form setters

GROUP 2: Asphalt shoveler; Cement dumper and handling dry cement or gypsum; Choke-setter and rigger (clearing work); Concrete bucket dumper and chute; Concrete chipping and grinding; Concrete laborer (wet or dry); Driller tender, chuck tender, nipper; Guinea chaser (stake), grout crew; High pressure nozzle, adductor; Hydraulic monitor (over 100 lbs. pressure); Loading and unloading, carrying and hauling of all rods and materials for use in reinforcing concrete construction; Pittsburgh chipper and similar type brush shredders; Sloper; Single foot, hand-held, pneumatic tamper; All pneumatic, air, gas and electric tools not listed in Groups 1 through 1-f; Jacking of pipe - under 12 inches

GROUP 3: Construction laborers, including bridge and general laborer; Dump, load spotter; Flag person; Fire watcher; Fence erector; Guardrail erector; Gardener, horticultural and landscape laborer; Jetting; Limber, brush loader and piler; Pavement marker (button setter); Maintenance, repair track and road beds; Streetcar and railroad construction track laborer; Temporary air and water lines, Victaulic or similar; Tool room attendant (jobsite only)

GROUP 4: Final clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification "material cleaner" is to be utilized under the following conditions:

- A: at demolition site for the salvage of the material.
- B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.
- C: for the cleaning of salvage material at the jobsite or temporary jobsite yard.

The material cleaner classification should not be used in the performance of "form stripping, cleaning and oiling and moving to the next point of erection".

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#### GUNITE LABORER CLASSIFICATIONS

GROUP 1: Structural Nozzleman

GROUP 2: Nozzleman, Gunman, Potman, Groundman

GROUP 3: Reboundman

GROUP 4: Gunitite laborer

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WRECKING WORK LABORER CLASSIFICATIONS

GROUP 1: Skilled wrecker (removing and salvaging of sash, windows and materials)

GROUP 2: Semi-skilled wrecker (salvaging of other building materials)

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LAB00185-002 06/30/2014

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

Rates Fringes

LABORER

Mason Tender-Brick.....\$ 31.11 17.34

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LAB00185-005 06/30/2014

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

Rates Fringes

Tunnel and Shaft Laborers:

GROUP 1.....\$ 34.60 19.49  
GROUP 2.....\$ 34.37 19.49  
GROUP 3.....\$ 34.12 19.49  
GROUP 4.....\$ 33.67 19.49  
GROUP 5.....\$ 33.13 19.49  
Shotcrete Specialist.....\$ 35.12 19.49

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunitite and shotcrete nozzlelemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunitite & shotcrete gunman & potman; Headermen; High pressure nozzleleman; Miner - tunnel, including top and

bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LAB00261-002 06/30/2014

MARIN COUNTY

Rates Fringes

LABORER (TRAFFIC CONTROL/LANE CLOSURE)

Escort Driver, Flag Person..\$	28.14	19.03
Traffic Control Person I....\$	28.44	19.03
Traffic Control Person II...\$	25.94	19.03

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash cushions, construction area and roadside signage.

TRAFFIC CONTROL PERSON II: Installation and removal of temporary/permanent signs, markers, delineators and crash cushions.

LAB00261-004 06/30/2014

MARIN COUNTY

Rates Fringes

Tunnel and Shaft Laborers:

GROUP 1.....\$	34.60	19.49
GROUP 2.....\$	34.37	19.49
GROUP 3.....\$	34.12	19.49
GROUP 4.....\$	33.67	19.49
GROUP 5.....\$	33.13	19.49
Shotcrete Specialist.....\$	35.12	19.49

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and

bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

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LAB00261-007 06/30/2014

MARIN COUNTY

	Rates	Fringes
LABORER		
Mason Tender-Brick.....	\$ 32.36	17.34

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LAB00324-004 06/30/2014

NAPA, SOLANO, AND SONOMA, COUNTIES

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person..	\$ 27.14	19.03
Traffic Control Person I....	\$ 27.44	19.03
Traffic Control Person II...	\$ 24.94	19.03

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash cushions, construction area and roadside signage.

TRAFFIC CONTROL PERSON II: Installation and removal of temporary/permanent signs, markers, delineators and crash cushions.

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LAB00324-008 06/30/2014

NAPA, SOLANO, AND SONOMA COUNTIES

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1.....	\$ 34.60	19.49
GROUP 2.....	\$ 34.37	19.49
GROUP 3.....	\$ 34.12	19.49
GROUP 4.....	\$ 33.67	19.49
GROUP 5.....	\$ 33.13	19.49
Shotcrete Specialist.....	\$ 35.12	19.49

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunitite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LAB00324-010 06/30/2014

NAPA, SOLANO AND SONOMA COUNTIES

	Rates	Fringes
LABORER (Brick)		
Mason Tender-Brick.....	\$ 31.36	17.34

LAB01414-005 08/05/2015

	Rates	Fringes
Plasterer tender.....	\$ 32.71	17.11
Work on a swing stage scaffold:	\$1.00 per hour additional.	

PAIN0016-004 01/01/2015

MARIN, NAPA, SOLANO & SONOMA COUNTIES

	Rates	Fringes
Painters:.....	\$ 36.45	21.48

PREMIUMS:

EXOTIC MATERIALS - \$0.75 additional per hour.

SPRAY WORK: - \$0.50 additional per hour.

INDUSTRIAL PAINTING - \$0.25 additional per hour

[Work on industrial buildings used for the manufacture and processing of goods for sale or service; steel construction (bridges), stacks, towers, tanks, and similar structures]

HIGH WORK:

over 50 feet - \$2.00 per hour additional

100 to 180 feet - \$4.00 per hour additional

Over 180 feet - \$6.00 per hour additional

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PAIN0016-005 09/01/2015

ALPINE, BUTTE, COLUSA, EL DORADO (west of the Sierra Nevada Mountains), GLENN, LASSEN (west of Hwy. 395, excluding Honey Lake); MARIN, MODOC, NAPA, NEVADA (west of the Sierra Nevada Mountains), PLACER (west of the Sierra Nevada Mountains), PLUMAS, SACRAMENTO, SHASTA, SIERRA (west of the Sierra Nevada Mountains), SISKIYOU, SOLANO, SONOMA, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

	Rates	Fringes
DRYWALL FINISHER/TAPER.....	\$ 38.24	19.93

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PAIN0016-007 01/01/2015

ALPINE, AMADOR, BUTTE, COLUSA. EL DORADO (west of the Sierra Nevada Mountains), GLENN, LASSEN (west of Highway 395, excluding Honey Lake), MODOC, NEVADA (west of the Sierra Nevada Mountains), PLACER (west of the Sierra Nevada Mountains), PLUMAS, SACRAMENTO, SHASTA, SIERRA (west of the Sierra Nevada Mountains), SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO & YUBA COUNTIES

	Rates	Fringes
Painters:.....	\$ 30.85	16.85

SPRAY/SANDBLAST: \$0.50 additional per hour.  
EXOTIC MATERIALS: \$1.00 additional per hour.  
HIGH TIME: Over 50 ft above ground or water level \$2.00 additional per hour. 100 to 180 ft above ground or water level \$4.00 additional per hour. Over 180 ft above ground or water level \$6.00 additional per hour.

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PAIN0016-008 01/01/2015

MARIN, NAPA, SOLANO AND SONOMA COUNTIES

	Rates	Fringes
SOFT FLOOR LAYER.....	\$ 46.20	18.73

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PAIN0169-004 01/01/2015

MARIN , NAPA & SONOMA COUNTIES; SOLANO COUNTY (west of a line defined as follows: Hwy. 80 corridor beginning at the City of Fairfield, including Travis Air Force Base and Suisun City; going north of Manakas Corner Rd., continue north on Suisun Valley Rd. to the Napa County line; Hwy. 80 corridor south on Grizzly Island Rd. to the Grizzly Island Management area)

	Rates	Fringes
GLAZIER.....	\$ 43.48	24.19

\* PAIN0567-001 07/01/2014

EL DORADO COUNTY (east of the Sierra Nevada Mountains); LASSEN COUNTY (east of Highway 395, beginning at Stacey and including Honey Lake); NEVADA COUNTY (east of the Sierra Nevada Mountains); PLACER COUNTY (east of the Sierra Nevada Mountains); AND SIERRA COUNTY (east of the Sierra Nevada Mountains)

	Rates	Fringes
Painters:		
Brush and Roller.....	\$ 23.16	10.38
Spray Painter & Paperhanger..	\$ 24.01	10.38

PREMIUMS:  
Special Coatings (Brush), and Sandblasting = \$0.50/hr  
Special Coatings (Spray), and Steeplejack = \$1.00/hr  
Special Coating Spray Steel = \$1.25/hr  
Swing Stage = \$2.00/hr

\*A special coating is a coating that requires the mixing of 2 or more products.

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PAIN0567-007 07/01/2015

EL DORADO COUNTY (east of the Sierra Nevada Mountains); LASSEN COUNTY (east of Highway 395, beginning at Stacey and including Honey Lake); NEVADA COUNTY (east of the Sierra Nevada Mountains); PLACER COUNTY (east of the Sierra Nevada Mountains) AND SIERRA COUNTY (east of the Sierra Nevada Mountains)

	Rates	Fringes
SOFT FLOOR LAYER.....	\$ 26.26	11.78

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PAIN0567-010 07/01/2015

EL DORADO COUNTY (east of the Sierra Nevada Mountains); LASSEN COUNTY (east of Highway 395, beginning at Stacey and including Honey Lake); NEVADA COUNTY (east of the Sierra Nevada Mountains); PLACER COUNTY (east of the Sierra Nevada Mountains); AND SIERRA COUNTY (east of the Sierra Nevada Mountains)

	Rates	Fringes
Drywall		
(1) Taper.....	\$ 28.08	12.13
(2) Steeplejack - Taper, over 40 ft with open space below.....	\$ 29.58	12.13

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PAIN0767-004 01/01/2015

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU,

SOLANO (Remainder), SUTTER, TEHAMA, TRINITY, YOLO, YUBA

	Rates	Fringes
GLAZIER.....	\$ 33.79	22.49

PAID HOLIDAYS: New Year's Day, Martin Luther King, Jr. Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day.

Employee required to wear a body harness shall receive \$1.50 per hour above the basic hourly rate at any elevation.

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PAIN1176-001 07/01/2014

HIGHWAY IMPROVEMENT

	Rates	Fringes
Parking Lot Striping/Highway Marking:		
GROUP 1.....	\$ 34.26	11.65
GROUP 2.....	\$ 29.12	11.65
GROUP 3.....	\$ 29.46	11.65

CLASSIFICATIONS

GROUP 1: Striper: Layout and application of painted traffic stripes and marking; hot thermo plastic; tape, traffic stripes and markings

GROUP 2: Gamecourt & Playground Installer

GROUP 3: Protective Coating, Pavement Sealing

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PAIN1237-001 01/01/2015

ALPINE; COLUSA; EL DORADO (west of the Sierra Nevada Mountains); GLENN; LASSEN (west of Highway 395, beginning at Stacey and including Honey Lake); MODOC; NEVADA (west of the Sierra Nevada Mountains); PLACER (west of the Sierra Nevada Mountains); PLUMAS; SACRAMENTO; SHASTA; SIERRA (west of the Sierra Nevada Mountains); SISKIYOU; SUTTER; TEHAMA; TRINITY; YOLO AND YUBA COUNTIES

	Rates	Fringes
SOFT FLOOR LAYER.....	\$ 31.79	14.93

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PLAS0300-003 07/01/2014

	Rates	Fringes
PLASTERER		
AREA 295: Alpine, Amador, Butte, Colusa, El Dorado, Glenn, Lassen, Modoc,		

Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Solano, Sutter, Tehema, Trinity, Yolo & Yuba Counties.....	\$ 31.41	22.26
AREA 355: Marin.....	\$ 34.75	22.26
AREA 355: Napa & Sonoma Counties.....	\$ 31.41	22.26

PLAS0300-005 06/30/2014

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 30.00	22.07

PLUM0038-002 07/01/2015

MARIN AND SONOMA COUNTIES

	Rates	Fringes
PLUMBER (Plumber, Steamfitter, Refrigeration Fitter) (1) Work on wooden frame structures 5 stories or less excluding high-rise buildings and commercial work such as hospitals, prisons, hotels, schools, casinos, wastewater treatment plants, and research facilities as well as refrigeration pipefitting, service and repair work - MARKET RECOVERY RATE.....	\$ 55.10	40.91
(2) All other work - NEW CONSTRUCTION RATE.....	\$ 65.00	43.49

PLUM0038-006 07/01/2015

MARIN & SONOMA COUNTIES

	Rates	Fringes
Landscape/Irrigation Fitter (Underground/Utility Fitter).....	\$ 55.10	40.91

PLUM0228-001 01/01/2016

BUTTE, COLUSA, GLENN, LASSEN, MODOC, PLUMAS, SHASTA, SIERRA,  
SISKIYOU, SUTTER, TEHAMA, TRINITY & YUBA COUNTIES

	Rates	Fringes
PLUMBER.....	\$ 38.25	27.64

\* PLUM0343-001 01/01/2016

NAPA AND SOLANO COUNTIES

	Rates	Fringes
PLUMBER/PIPEFITTER		
Light Commercial.....	\$ 30.85	20.40
All Other Work.....	\$ 49.15	31.30

DEFINITION OF LIGHT COMMERCIAL:

Work shall include strip shopping centers, office buildings, schools and other commercial structures which the total plumbing bid does not exceed Two Hundred and Fifty Thousand (\$250,000) and the total heating and cooling does not exceed Two Hundred Fifty Thousand (\$250,000); or Any projects bid in phases shall not qualify unless the total project is less than Two Hundred Fifty Thousand (\$250,000) for the plumbing bid; and Two Hundred Fifty Thousand (\$250,000) for the heating and cooling bid. Excluded are hospitals, jails, institutions and industrial projects, regardless size of the project

FOOTNOTES: While fitting galvanized material: \$.75 per hour additional. Work from trusses, temporary staging, unguarded structures 35' from the ground or water: \$.75 per hour additional. Work from swinging scaffolds, boatswains chairs or similar devices: \$.75 per hour additional.

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 PLUM0350-001 02/01/2015

EL DORADO COUNTY (Lake Tahoe area only); NEVADA COUNTY (Lake Tahoe area only); AND PLACER COUNTY (Lake Tahoe area only)

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 30.88	11.51

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 PLUM0355-001 07/01/2015

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SOLANO, SUTTER, TEHAMA, TRINITY, YOLO, AND YUBA COUNTIES

	Rates	Fringes
Underground Utility Worker		
/Landscape Fitter.....	\$ 28.60	10.05

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 PLUM0442-003 07/01/2015

AMADOR (South of San Joaquin River) and ALPINE COUNTIES

	Rates	Fringes
PLUMBER.....	\$ 38.75	26.64

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 \* PLUM0447-001 07/01/2015

AMADOR (north of San Joaquin River), EL DORADO (excluding Lake Tahoe area), NEVADA (excluding Lake Tahoe area); PLACER (excluding Lake Tahoe area), SACRAMENTO AND YOLO COUNTIES

	Rates	Fringes
PLUMBER/PIPEFITTER		
Journeyman.....	\$ 45.52	22.60
Light Commercial Work.....	\$ 35.23	17.47

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ROOF0081-006 08/01/2015

MARIN, NAPA, SOLANO AND SONOMA COUNTIES

	Rates	Fringes
Roofer.....	\$ 36.08	14.90

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ROOF0081-007 08/01/2015

ALPINE, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO, AND YUBA COUNTIES

	Rates	Fringes
Roofer.....	\$ 34.00	14.80

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SFCA0483-003 01/01/2015

MARIN, NAPA, SOLANO AND SONOMA COUNTIES

	Rates	Fringes
SPRINKLER FITTER (Fire Sprinklers).....	\$ 56.02	27.77

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SFCA0669-003 07/01/2013

ALPINE, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

	Rates	Fringes
SPRINKLER FITTER.....	\$ 34.19	19.37

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SHEE0104-006 07/01/2015

MARIN, NAPA, SOLANO SONOMA & TRINITY COUNTIES

	Rates	Fringes
Sheet Metal Worker		
Mechanical Contracts		
\$200,000 or less.....	\$ 46.30	40.28
All other work.....	\$ 52.20	41.56

SHEE0104-009 07/01/2015

AMADOR, COLUSA, EL DORADO, NEVADA, PLACER, SACRAMENTO, SUTTER,  
YOLO AND YUBA COUNTIES

	Rates	Fringes
SHEET METAL WORKER.....	\$ 40.07	33.17

SHEE0104-010 07/01/2015

ALPINE COUNTY

	Rates	Fringes
SHEET METAL WORKER.....	\$ 36.85	30.90

SHEE0104-011 07/01/2015

BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER,  
PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA,  
YOLO AND YUBA COUNTIES

	Rates	Fringes
Sheet Metal Worker (Metal decking and siding only).....	\$ 34.15	32.98

SHEE0104-014 07/01/2015

MARIN, NAPA, SOLANO, SONOMA AND TRINITY COUNTIES

	Rates	Fringes
SHEET METAL WORKER (Metal Decking and Siding only).....	\$ 34.15	32.98

SHEE0104-019 07/01/2015

BUTTE, GLENN, LASSEN, MODOC, PLUMAS, SHASTA, SIERRA, SISKIYOU  
AND TEHAMA COUNTIES

	Rates	Fringes
SHEET METAL WORKER Mechanical Jobs \$200,000 & under.....	\$ 30.24	30.64
Mechanical Jobs over \$200,000.....	\$ 40.07	33.22

TEAM0094-001 07/01/2015

	Rates	Fringes
Truck drivers:		
GROUP 1.....	\$ 28.57	25.22
GROUP 2.....	\$ 28.87	25.22
GROUP 3.....	\$ 29.17	25.22

GROUP 4.....	\$ 29.52	25.22
GROUP 5.....	\$ 29.87	25.22

## FOOTNOTES:

Articulated dump truck; Bulk cement spreader (with or without auger); Dumpcrete truck; Skid truck (debris box); Dry pre-batch concrete mix trucks; Dumpster or similar type; Slurry truck: Use dump truck yardage rate.  
 Heater planer; Asphalt burner; Scarifier burner; Industrial lift truck (mechanical tailgate); Utility and clean-up truck: Use appropriate rate for the power unit or the equipment utilized.

## TRUCK DRIVER CLASSIFICATIONS

GROUP 1: Dump trucks, under 6 yds.; Single unit flat rack (2-axle unit); Nipper truck (when flat rack truck is used appropriate flat rack shall apply); Concrete pump truck (when flat rack truck is used appropriate flat rack shall apply); Concrete pump machine; Fork lift and lift jitneys; Fuel and/or grease truck driver or fuel person; Snow buggy; Steam cleaning; Bus or personhaul driver; Escort or pilot car driver; Pickup truck; Teamster oiler/greaser and/or serviceperson; Hook tender (including loading and unloading); Team driver; Tool room attendant (refineries)

GROUP 2: Dump trucks, 6 yds. and under 8 yds.; Transit mixers, through 10 yds.; Water trucks, under 7,000 gals.; Jetting trucks, under 7,000 gals.; Single-unit flat rack (3-axle unit); Highbed heavy duty transport; Scissor truck; Rubber-tired muck car (not self-loaded); Rubber-tired truck jumbo; Winch truck and "A" frame drivers; Combination winch truck with hoist; Road oil truck or bootperson; Buggymobile; Ross, Hyster and similar straddle carriers; Small rubber-tired tractor

GROUP 3: Dump trucks, 8 yds. and including 24 yds.; Transit mixers, over 10 yds.; Water trucks, 7,000 gals. and over; Jetting trucks, 7,000 gals. and over; Vacuum trucks under 7500 gals. Trucks towing tilt bed or flat bed pull trailers; Lowbed heavy duty transport; Heavy duty transport tiller person; Self-propelled street sweeper with self-contained refuse bin; Boom truck - hydro-lift or Swedish type extension or retracting crane; P.B. or similar type self-loading truck; Tire repairperson; Combination bootperson and road oiler; Dry distribution truck (A bootperson when employed on such equipment, shall receive the rate specified for the classification of road oil trucks or bootperson); Ammonia nitrate distributor, driver and mixer; Snow Go and/or plow

GROUP 4: Dump trucks, over 25 yds. and under 65 yds.; Water pulls - DW 10's, 20's, 21's and other similar equipment when pulling Aqua/pak or water tank trailers; Helicopter pilots (when transporting men and materials); Lowbedk Heavy Duty Transport up to including 7 axles; DW10's, 20's, 21's and other similar Cat type, Terra Cobra, LeTourneau Pulls, Tournorocker, Euclid and similar type equipment when pulling fuel and/or grease tank trailers or other miscellaneous trailers; Vacuum Trucks 7500 gals and over

and truck repairman

GROUP 5: Dump trucks, 65 yds. and over; Holland hauler; Low bed Heavy Duty Transport over 7 axles

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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average

calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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#### WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an

interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

**SECTION - GC**

**GENERAL CONDITIONS**

## GENERAL CONDITIONS

SECTION - GC	PAGE
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## **1. DEFINITIONS AND TERMS**

Wherever used in the Contract Documents, the following terms shall have the meanings indicated which shall be applicable to both the singular and plural thereof:

**ADDENDA** - Written or graphic instruments issued prior to the execution of the Agreement, which modify or interpret the Contract Documents, drawings and specifications by additions, deletions, clarifications or corrections.

**BID** - The offer or proposal of the bidder submitted on the prescribed form setting forth the prices for the work to be performed.

**BIDDER** - Any person, firm or corporation submitting a bid for the work.

**BONDS** - Bid, performance and payment bonds and other instruments of security, furnished by the Contractor and his/her surety in accordance with the Contract Documents.

**CALENDAR DAY** - Each and every day, including Saturdays, Sundays and legal holidays.

**CHANGE ORDER** - A written order to the Contractor authorizing an addition, deletion or revision in the work within the general scope of the Contract Documents, or authorizing an adjustment in the contract price or the contract time.

**CITY** - City of Oroville, 1735 Montgomery Street, Oroville, California.

**CONTRACTOR** - The person or persons, firm, partnership, corporation or combination thereof, licensed to perform the type of work involved, who has entered into a contract with the City of Oroville for the construction of the improvements within the City of Oroville described herein.

**DEPARTMENT OF PUBLIC WORKS** - The Department of Public Works of the City of Oroville.

**ENGINEER** - The Director of Public Works of the City of Oroville acting either directly or through properly authorized agents, such agents acting within the scope of the particular duties entrusted to them.

**PROJECT** - The undertaking to be performed as provided in the contract documents.

**RESIDENT PROJECT REPRESENTATIVE** - The authorized representative of the City who is assigned to the project site or any part thereof.

**SHOP DRAWINGS** - All drawing, diagrams, illustration, brochures, schedules and other data which are prepared by the Contractor, a subcontractor, manufacturer, supplier or distributor, which illustrate how specific portions of the work shall be fabricated or installed.

**SPECIFICATIONS** - The directions, provisions and requirements contained herein.

**STANDARD PLANS AND SPECIFICATIONS** - Whenever reference is made to the "Standard Plans and Specifications" such reference shall be made to the most current of those

certain plans and specifications entitled "Standard Plans and Standard Specifications, State of California, Business, Transportation and Housing Agency, Department of Transportation. As used in the Standard Specifications, unless the content otherwise requires, the following terms have the following meanings:

Department of Transportation: The City of Oroville.

Director of Transportation: The Public Works Director of the City of Oroville.

Division of Highways: Department of Public Works of the City of Oroville.

Engineer: The Public Works Director of the City of Oroville, acting either directly or through properly authorized agents, such agents acting within the scope of the particular duties entrusted to them.

Laboratory: The designated laboratory authorized by the City of Oroville to test materials and work involved in the contract.

Office of Administrative Hearings: The City Council of the City of Oroville.

Standard Specifications: The most current or May 2006 English Edition of those certain specifications entitled "Standard Specifications, State of California, Business, Transportation and Housing Agency, Department of Transportation"

Standard Plans: The most current or May 2006 Edition of those certain standard plans entitled "Department of Transportation, State of California, STANDARD PLANS, U.S. Customary Units, May 2006 Edition""

State: The City of Oroville.

Reference is made to Section 1 of the Standard Specifications for other pertinent definitions.

**SUBCONTRACTOR** - An individual, firm or corporation having a direct contract with the Contractor or with any other subcontractor for the performance of a part of the work at the site.

**SUBSTANTIAL COMPLETION** - That date as certified by the Engineer when the construction of the project or a specified part thereof is sufficiently completed, in accordance with the contract documents, so that the project or specified part can be utilized for the purpose for which it is intended.

**SUPPLEMENTAL GENERAL CONDITIONS** - Modifications to general conditions required by a federal agency for participation in the project or such requirements that may be imposed by applicable State laws.

**SUPPLIER** - A person or organization who supplies material or equipment for the work, including that fabricated to a special design, but who does not perform labor on the site.

**WORK** - All labor necessary to produce the construction required by the contract documents and all materials and equipment incorporated or to be incorporated in the project.

**WORKING DAY** - Each and every day, except Saturdays, Sundays, legal holidays, days on which the Contractor is specifically required by the special provisions to suspend construction operation and days on which the Contractor is prevented by inclement weather or conditions resulting immediately therefrom adverse to the current controlling operation or operations, as determined by the Engineer, from proceeding with at least 75 percent of the normal labor and equipment force engaged on such operation or operations for at least 60 percent of the total daily time being currently spent on the controlling operation or operations.

**WRITTEN NOTICE** - Any notice to any party of the Agreement relative to any part of this Agreement in writing and considered delivered and the service thereof completed, when posted by certified or registered mail to the said party at his/her last given address, or delivered in person to said party or his/her authorized representative on the work.

## **2. EXAMINATION OF CONTRACT DOCUMENTS, BID ITEMS AND BID SUBMITTAL**

The Contractor shall do all of the work and furnish all labor, materials, tools, equipment, and appliances, except as otherwise herein expressly stipulated, necessary or proper for performing and completing the work herein required, including any Change Order work or disputed work directed by the Engineer in conformity with the true meaning and intent of the Plans and Specifications for the project. The Engineer attempts to express all or most elements of the work with bid items that allow both the Engineer and the Contractor to view, evaluate and understand the cost of the project. At the Engineer's discretion, certain improvements within the project boundaries may not be specifically identified as a line item in the project bid schedule. At times, the project plans may show required construction elements of the project for which there is no discrete bid item. It is the responsibility of the Contractor to account for construction elements for which there may be no discrete bid item. The Contractor shall be responsible for the construction of any and all improvements or construction elements shown on the Project Plans whether there is a bid item or not in the project bid schedule.

By submission of a Bid, the Bidder acknowledges acceptance of the nature and location of the Work, the general and local conditions, conditions of the site, the character, quality and scope of work to be performed, the availability of labor, electric power, water, the kind of surface and subsurface materials on the site, the materials and equipment to be furnished, and all requirements of the Contract or other matters which may affect the Work or the cost. Any failure of a Bidder to become acquainted with all of the available information concerning conditions will not relieve the Bidder from the responsibility for estimating properly the difficulties or cost of the Work. Bidder agrees to inform the Engineer of any errors or oversight by Engineer it perceives in the Bid documents prior to submission of its bid.

Bid prices shall include everything necessary for the completion of the Work and fulfillment of the Contract, including but not limited to furnishing all materials, equipment, tools, excavation sheeting, bracing and supports, plant, labor and services, except as may be provided otherwise in the Contract. Bid prices shall also include labor and material escalation and all Federal, State, and local taxes.

## **3. INTERPRETATION OF PLANS AND PROJECT SPECIFICATIONS**

The component Contract documents (Project Plans, Project-specific Specifications, City Standard Drawings, etc.) are essential parts of the Contract, and intended to provide explanation

for each other. Any work and/or improvements shown on the Plans and not in the Specifications, or vice versa, are to be executed as if indicated both on the Plans and in the Specifications. In case of conflict in the Contract, the Project plans shall govern over project-specific specifications (materials specifications excluded). Any physical construction-related work necessary to complete the improvements shown on the Project Plans for which there are no provisions in the project specifications or elsewhere in the Contract documents shall be performed and completed in accordance with either State Standards and/or Specifications where such specifications exist, City Engineer Standards where such standards exist, or in conformance with generally accepted practices for public works construction.

#### **4. FIELD INSTRUCTIONS OR OTHER WRITTEN DIRECTIVES**

The Engineer may issue Field Instructions or other written directives during the course of the Work, and the Contractor shall comply with the Field Instruction or other written directive. A Field Instruction or other written directive may be used to add, delete, modify, or reject work, to note deficiencies in work, to clarify the Contract or to order work to be performed. Work required by a Field Instruction or other written directive shall be in accordance with the Contract and any previously executed Contract Change Orders, except as delineated otherwise in the Field Instruction or other written directive. Drawings included with Field Instructions or other written directives are part of the Contract and shall be incorporated into the Record Drawings. If the Contractor neglects to comply with or make progress in the execution of any Field Instruction or other written directive, the Engineer may employ any person or persons to perform such work and the Contractor shall not interfere with the person or persons so employed. Field Instructions and other written directives issued by the City that serve to alter (either add to or deduct from) the Contract scope and price will be grouped to form a Contract Change Order.

#### **5. SCHEDULES, REPORTS, AND RECORDS**

The Contractor shall submit to the City such schedule of quantities and costs, progress schedules, payrolls, reports, estimates, records and other data where applicable as are required by the contract documents for the work to be performed.

Prior to the first partial payment estimate, the Contractor shall submit construction progress schedules showing the order in which he/she proposes to carry out the work, including dates at which he/she will start the various parts of the work, estimated date of completion of each part and as applicable.

#### **6. DRAWINGS AND SPECIFICATIONS**

The intent of the drawings and specifications is that the Contractor shall furnish all labor, materials, tools, equipment and transportation necessary for the proper execution of the work in accordance with the contract documents and all incidental work necessary to complete the project in an acceptable manner; ready for use or operation by the City.

In case of conflict between the drawing and specifications, the specifications shall govern. Figure dimensions on drawings shall govern over scale dimensions and detailed drawings shall govern over general drawings.

Any discrepancies found between the drawings and specifications and site conditions or any inconsistencies or ambiguities in the drawings or specifications shall be immediately reported to

the Engineer, in writing, who shall promptly correct such inconsistencies or ambiguities, in writing. Work done by the Contractor after his/her discovery of such discrepancies, inconsistencies or ambiguities shall be done at the Contractor's risk.

## **7. SHOP DRAWINGS**

The Contractor shall provide shop drawings as may be necessary for the construction of the work required by the contract documents. The Engineer shall promptly review all shop drawings. The Engineer's approval of any shop drawings shall not release the Contractor from responsibility for deviations from the requirements of the contract documents. The approval of any shop drawing, which substantially deviates from the requirements of the contract documents, shall be evidenced by a change order.

When submitted for the Engineer's review, shop drawings shall bear the Contractor's certification that he/she has reviewed, checked and approved the shop drawings and that they are in conformance with the requirement of the contract documents.

Portions of the work requiring a shop drawing or sample submission shall not begin until the shop drawing or submission has been approved by the Engineer. A copy of each approved shop drawing and each approved sample shall be kept in good order by the Contractor at the site and shall be available to the Engineer.

## **8. MATERIALS, SERVICES AND FACILITIES**

It is understood that, except as otherwise specifically stated in the contract documents, the Contractor shall provide and pay for all materials, labor, tools, equipment, water, lights, power, transportation, supervision, temporary construction of any nature, and all other services and facilities of any nature whatsoever necessary to execute, complete and deliver the work within the specified time. Material and equipment shall be so stored as to ensure the preservation of their quality and fitness for the work. Stored materials and equipment to be incorporated in the work shall be located so as to facilitate prompt inspection. Manufactured articles, materials and equipment shall be applied, installed, connected, erected, used, cleaned and conditioned as directed by the manufacturer.

Materials, supplies and equipment shall be in accordance with samples submitted by the Contractor and approved by the Engineer. Materials, supplies or equipment to be incorporated into the work shall not be purchased by the Contractor or the subcontractor subject to a chattel mortgage or under a conditional sale contract or other agreement by which an interest is retained by the seller.

## **9. INSPECTION AND TESTING**

All materials and equipment used in the construction of the project shall be subject to adequate inspection and testing in accordance with general accepted standards, as required and defined in the contract documents. The City will provide the inspection and testing services to be employed pursuant to the City Quality Assurance Plan (QAP) for Federally Funded Highway Projects dated January 2015. The City will provide the Contractor a written QAP schedule that will list the types of materials to be tested, test methods and sample and test quantities. The Contractor shall be responsible for coordinating and scheduling the QAP schedule with the City's material testing consultant.

If the contract documents, laws, ordinances, rules, regulations or order of any public authority having jurisdiction require any work to specifically be inspected, tested or approved by someone other than the Contractor, the Contractor will give the Engineer timely notice of readiness. The Contractor will then furnish the Engineer the required certificates of inspection, testing or approval. Inspections, test or approvals by the Engineer or others shall not relieve the Contractor from his/her obligations to perform the work in accordance with the requirements of the contract documents. The Engineer and his/her representative will at all times have access to the work. In addition, authorized representatives and agents of any participating Federal or State agency shall be permitted to inspect all work, materials, payrolls, records of personnel, invoices of materials and other relevant data and records. The Contractor will provide proper facilities for such access and observation of the work and also for any inspection or testing thereof.

If any work is covered contrary to the written instructions of the Engineer, it must, if requested by the Engineer, be uncovered for his/her observation and replaced at the Contractor's expense. If the Engineer considers it necessary or advisable that covered work be inspected and tested by others, the Contractor, at the Engineer's request, will uncover, expose or otherwise make available for observation, inspection or testing as the Engineer may require of that portion of the work in question, furnishing all necessary labor, materials, tools and equipment. If it is found that such work is defective, the Contractor will bear all the expenses of such uncovering, exposure, observation, inspection and testing and of satisfactory reconstruction. If, however, such work is not found to be defective, the Contractor will be allowed an increase in the contract price or an extension of the contract time, or both, directly attributable to such uncovering, exposure, observation, inspection, testing reconstruction and an appropriate change order shall be issued.

All required QAP testing of construction materials, including aggregate base compaction testing, will be provided by the City at no cost to the Contractor. Should tests show materials or methods to be unacceptable, however, and retesting of the same material is required, the City's cost of such retesting will be deducted from payment due the Contractor. The Contractor is encouraged (not required) to perform roadway aggregate base compaction testing independently of the City's QAP. All required performance testing shall be done by the Contractor in the presence of the Engineer.

The specific tests to be performed for this particular job, and the party, Contractor or City, responsible for providing equipment and technical personnel shall be enumerated in the section entitled "REQUIRED TESTING" in the Special Provisions. During each field test, an authorized representative of the Contractor and of the City shall be present. The City inspector will maintain the TEST RECORD for the entire job which lists details of each test performed. The inspector will provide a copy of the TEST RECORD to the Contractor upon request.

## **10. SUBSTITUTIONS**

Whenever a material, article or piece of equipment is identified on the drawings or specifications by reference to a brand name or catalog number, it shall be understood that this is referenced for the purpose of defining the performance or other salient requirements and that other products of equal capacities, quality and function shall be considered.

The Contractor may recommend the substitution of a material, article or piece of equipment of equal substance and function for those referred to in the contract documents by reference to brand name or catalog number, and if, in the opinion of the Engineer, such material, article or

piece of equipment is of equal substance and function to that specified, the Engineer may approve its substitution and use by the Contractor.

Any cost differential shall be deductible from the contract price and the contract documents shall be appropriately modified by change order. The Contractor warrants that if substitutes are approved, no major changes in the function or general design of the project will result. Incidental changes or extra work component parts required to accommodate the substitute will be made by the Contractor without a change in the contract price or contract time.

## **11. PATENTS**

The Contractor shall pay all applicable royalties and license fees. He/she shall defend all suits or claims for infringement of any patent rights and save the City harmless from loss on account thereof, except that the City shall be responsible for any such loss when a particular process, design, or the product of a particular manufacturer or manufacturers is specified. However, if the Contractor has reason to believe that the design, process or product specified is an infringement of a patent, he/she shall be responsible for such loss unless he/she promptly gives such information to the Engineer.

## **12. PERMITS - REGULATIONS**

Permits and licenses of a temporary nature necessary for the prosecution of the work shall be secured and paid for by the Contractor unless otherwise stated in the Supplemental General Conditions. Permits, licenses and easements for permanent structures or permanent changes in existing facilities shall be secured and paid for by the City, unless otherwise specified. If the Contractor observes that the contract documents are at variance therewith, he/she shall promptly notify the Engineer, in writing and any necessary changes shall be adjusted as provided in Section 13, Changes in the Work.

## **13. PROTECTION OF WORK, PROPERTY AND PERSON**

The Contractor will be responsible for initiating, maintaining and supervising of all safety precautions and programs in connection with the work. He/she will take all necessary precautions for the safety of, and will provide the necessary protection to prevent damage, injury or loss to all employees on the work and other persons who may be affected thereby, and all the work and all materials or equipment to be incorporated therein, whether in storage on or off the site, and shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocations or replacement in the course of construction.

The Contractor will comply with all applicable laws, ordinances, rules, regulations and orders of any public body having jurisdiction. He/she will erect and maintain, as required by the conditions and progress of the work, all necessary safeguards for safety and protection. He/she will notify owners or adjacent utilities when prosecution of the work may affect them.

The Contractor will remedy all damage, injury or loss to any property caused, directly or indirectly, in whole or in part, by the Contractor, any subcontractor, or anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, except damage or loss attributable to the fault of the contract documents, or to the acts or omission of the City or the Engineer, or anyone employed by either of them, or anyone for whose acts either

of them may be liable, and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of the Contractor.

In emergencies affecting the safety of persons or the work or the property at the site or adjacent thereto; the Contractor, without special instruction or authorization from the Engineer or the City, shall act to prevent threatened damage, injury or loss. He/she will give the Engineer prompt written notice of any significant changes in the work or deviations from the contract documents caused thereby and a change order shall thereupon be issued covering the changes and deviations involved.

#### **14. SUPERVISION BY CONTRACTOR**

The Contractor will supervise and direct the work. He/she will be solely responsible for the means, methods, techniques, sequences and procedures of construction. The Contractor will employ and maintain on the work site, a qualified supervisor or superintendent who shall have been designated, in writing, by the Contractor as the Contractor's representative at the site. The supervisor shall have full authority to act on behalf of the Contractor and all communications given to the supervisor shall be as binding as if given to the Contractor. The supervisor shall be present on the site at all times as required to perform adequate supervision and coordination of the work.

#### **15. CHANGES IN THE WORK**

The City may, at any time as the need arises, order changes within the scope of the work without invalidating the Agreement. If such changes increase or decrease the amount due under the contract documents, or in the time required for performance of the work, an equitable adjustment shall be authorized by change order.

The Engineer also may, at any time by issuing a field order, make changes in the details of the work. The Contractor shall proceed with the performance of any changes in the work so ordered by the Engineer unless the Contractor believes that such field order entitles him/her to a change in contract price or time, or both, in which event he/she shall give the Engineer written notice thereof within seven (7) days after the receipt of the ordered change.

Thereafter, the Contractor shall document the basis for a change in contract price or time within thirty (30) days. The Contractor shall not execute such changes pending the receipt of an executed change order or further instruction from the City.

#### **16. CHANGES IN CONTRACT PRICE**

The contract price may be changed only by a change order. The value of any work covered by a change order, or of any claim for increase or decrease in the contract price, shall be determined by one or more of the following methods in order of precedence listed below:

- a. Unit prices previously approved
- b. An agreed upon lump sum
- c. The actual cost for labor, direct overhead, materials, supplies, equipment and other services necessary to complete the work. Said costs shall be computed and documented in accordance with Section 9-1.03, "Force Account Payment", of the Standard Specifications.

## **17. TIME FOR COMPLETION AND LIQUIDATED DAMAGES**

The date of beginning and the time for completion of the work are essential conditions of the contract documents and the work embraced shall be commenced on a date specified in the Notice to Proceed.

The Contractor will proceed with the work at such rate of progress to ensure full completion within the contract time. All contract work shall be completed within 95 working days after issuance of the Notice to Proceed. Liquidated damages established for this contract are \$100.00 for each day beyond the 95 working day timeframe. It is expressly understood and agreed, by and between the Contractor and the City, that the contract time for the completion of the work described herein is a reasonable time, taking into consideration the average climatic and economic conditions and other factors prevailing in the locality of the work.

If the contractor shall fail to complete the work within the contract time, or extension of time granted by the City, the Contractor will pay to the City the amount of liquidated damages as specified in the bid for each calendar day that the Contractor shall be in default after time stipulated in the contract documents.

The Contractor shall not be charged with liquidated damages or any excess cost when the delay in completion of the work is due to the following, and the contractor has promptly given written notice of such delay to the City or Engineer:

- To any preference, priority, or allocation order duly issued by the City.
- To unforeseeable causes beyond the control and without fault or negligence of the Contractor; including but not restricted to acts of God, or of the public enemy, acts of the City, acts of another Contractor in the performance of a contract with the City, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes and abnormal and unforeseeable weather.
- To any delays of subcontractors occasioned by any of the causes specified above.

## **18. CORRECTION OF WORK**

The Contractor shall promptly remove from the premises all work rejected by the Engineer for failure to comply with the contract documents, whether incorporated in the construction or not, and the Contractor shall promptly replace and re-execute the work in accordance with the contract documents and without expense to the City and shall bear the expense of making good all work of other Contractors destroyed or damage by such removal or replacement.

All removal and replacement work shall be done at the Contractor's expense. If the Contractor does not take action to remove such rejected work within ten (10) days after receipt of written notice, the City may remove such work and store the materials at the expense of the Contractor.

## **19. UNUSUAL CONDITIONS**

The Contractor shall promptly and before such conditions are disturbed, except in the event of an emergency, notify the City by written notice of:

- Subsurface or latent physical conditions at the site differing materially from those indicated in the contract documents; or
- Unknown physical conditions at the site of any unusual nature differing from those ordinarily encountered and generally recognized as inherent in work of the character provided for in the contract documents.

The City shall promptly investigate the conditions, and if it finds that such conditions do so materially differ and cause an increase or decrease in the cost of, or in the time required for, performance of the work, an equitable adjustment shall be made and the contract documents shall be modified by change order. Any claim of the Contractor for adjustment hereunder shall not be allowed unless he/she has given the required written notice; provided that the City may, if it determines the facts so justify, consider and adjust any such claims asserted before the date of final payment.

## **20. SUSPENSION OF WORK, TERMINATION AND DELAY**

The City may suspend the work or any portion thereof for a period of not more than ninety (90) days or such further time as agreed upon by the Contractor, by written notice to the Contractor and the Engineer, which notice shall fix the date on which work shall be resumed. The Contractor will resume that work on the date so fixed. The Contractor will be allowed an increase in the contract price or an extension in the contract time, or both, directly attributable to any suspension.

If the Contractor is adjudged as bankrupt or insolvent, or if he/she makes a general assignment for the benefit of his/her creditors, or if a trustee or receiver is appointed for the Contractor or for any of his/her property, or if he/she files a petition to take advantage of any debtor's act, or to reorganize under the bankruptcy or applicable laws, or if he/she repeatedly fails to supply sufficient skilled workmen or suitable materials or equipment, or if he/she repeatedly fails to make prompt payments to subcontractors or for labor, materials or equipment, or if he/she disregards laws, ordinances, rules, regulations or orders of any public body having jurisdiction over the work, or if he/she otherwise violates any provision of the contract documents; then the City may, without prejudice to any other right or remedy and after giving the Contractor and his/her surety a minimum of ten (10) days from delivery of written notice, terminate the services of the Contractor and take possession of the project and all materials, equipment, tools, construction equipment and machinery thereon owned by the Contractor, and finish the work by whatever method it may deem expedient.

In such case, the Contractor shall not be entitled to receive any further payment until the work is finished. If the unpaid balance of the contract price exceeds the direct and indirect cost of completing the project, including compensation for additional professional services, such excess shall be paid to the Contractor. If such costs exceed such unpaid balance, the Contractor will pay the difference to the City. Such costs incurred by the City will be determined by the Engineer and incorporated into a change order.

When the Contractor's services have been so terminated by the City, said termination shall not affect any right of the City against the Contractor then existing or which may thereafter accrue. Any retention or payment of monies by the City due to the Contractor will not release the Contractor from compliance with the contract documents. After ten (10) days from delivery of a written notice to the Contractor and the Engineer, the City may, without cause and without

prejudice to any other right or remedy, elect to abandon the project and terminate the contract. In such case, the Contractor shall be paid for all work executed and any expense sustained plus a reasonable profit.

If, through no act or fault of the Contractor, the work is suspended for a period of more than ninety (90) days by the City, or under an order of the court, or other public authority, or the Engineer fails to act on any request for payment within thirty (30) days after it is submitted, or the City fails to pay the Contractor substantially the sum approved by the Engineer or awarded by the arbitrators within thirty (30) days of its approval and presentation, the Contractor may, after ten (10) days from delivery of a written notice to the City and the Engineer, terminate the contract and recover from the City payment for all work executed and all expenses sustained. In addition and in lieu of terminating the contract, if the Engineer fails or has failed to act on a request for payment or if the City has failed to make any payment as aforesaid, the Contractor may upon ten (10) days written notice to the City and the Engineer, stop the work until he/she has been paid all amounts then due, in which event and upon resumption of the work, change orders shall be issued for adjusting the contract price or extending the contract time, or both, to compensate for the costs and delays attributable to the stoppage of work.

If the performance of all or any portion of the work is suspended, delayed or interrupted as a result of a failure of the City or Engineer to act within the time specified in the contract documents, or if no time is specified, within a reasonable time, an adjustment in the contract price or an extension of the contract time, or both, shall be made by change order to compensate the Contractor for the costs and delays necessarily caused by the failure of the City or Engineer.

## **21. PAYMENTS TO CONTRACTOR**

Within ten (10) days after receipt of the Notice to Proceed, the Contractor shall submit to the City a proposed Schedule of Values broken down in sufficient detail to evaluate progress at any point in the work. Labor and material costs for each line item shall be shown separately. Cost of contract closeout shall be shown as an individual line item. The schedule of values, when approved by the City, shall be used as a basis for the Contractor's Application and Certification for Payment. Application and Certification for Payment shall utilize American Institute of Architects (AIA) Document G702 (cover sheet) and Document G703 (continuation sheets). The AIA Document G703 sheets will list the Schedule of Values approved by the City and will track any Change Orders that may be issued during the project.

At least ten (10) days before each progress payment falls due, but not more often than once a month, the Contractor will submit to the Engineer a partial payment estimate filled out and signed by the Contractor covering the work performed during the period covered by the partial payment estimate and supported by such data as the Engineer may reasonably require. If payment is requested on the basis of materials and equipment not incorporated in the work but delivered and suitably stored at or near the site, the partial payment estimated shall also be accompanied by such supporting data, satisfactory to the City, that will establish the City's title to the material and equipment and protect its interest therein, including applicable insurance. The Engineer will, within ten (10) days after receipt of each partial payment estimate, either indicate in writing his/her approval of payment and present the partial payment estimate to the City, or return the partial payment estimate to the Contractor indicating in writing his/her reasons for refusing to approve the payment. In the latter case, the Contractor may make the necessary corrections and resubmit the partial payment estimate.

The City will, within ten (10) days of presentation to it of an approved partial payment estimate, pay the Contractor a progress payment on the basis of the approved partial payment estimate. The City shall retain ten (10) percent of the amount of each payment until final completion and acceptance of all work covered by the contract documents. The City at any time, however, after fifty (50) percent of the work has been completed, if it finds that satisfactory progress is being made, may reduce retention to five (5) percent on the current and remaining estimates. When the work is substantially complete, operational or beneficial occupancy, the retained amount may be further reduced below five (5) percent to only that amount necessary to assure completion. Upon completion and acceptance of a part of the work on which the price is stated separately in the contract documents, payment may be made in full, including retention percentages, less authorized deductions. The request for payment may also include an allowance for the cost of such major materials and equipment, which are suitably stored either at or near the site.

Prior to substantial completion, the City, with the approval of the Engineer and the concurrence of the Contractor, may use any completed or substantially completed portion of the work. Such use shall not constitute an acceptance of such portions of the work.

The City shall have the right to enter the premises for the purpose of doing work not covered by the contract documents. This provision shall not be construed as relieving the Contractor of the sole responsibility for the care and protection of the work, or the restoration of any damaged work except such as may be caused by agents or employees of the City.

Upon completion and acceptance of the work, the Engineer shall issue a certificate attached to the final payment request that the work has been accepted by him/her under the conditions of the contract documents. Within fifteen (15) days after the date of acceptance, the City shall cause to be filed in the office of the County Recorder, a Notice of Completion of the work. The entire balance found to be due to the Contractor, including the retained percentages, but except such sums as may be lawfully retained by the City, shall be paid to the Contractor within forty-five (45) days after the date of filing the Notice of Completion.

The Contractor will indemnify and save the City, or the City's agents, harmless from all claims growing out of the lawful demands of subcontractors, laborers, workmen, mechanics, manufacturers, suppliers and furnishers of machinery and parts thereof, equipment, tools, and all supplies incurred in the furtherance of the performance of the work. The Contractor shall, at the City's request, furnish satisfactory evidence that all obligations of the nature designated above have been paid, discharged or waived.

If the Contractor fails to do so, the City may, after having notified the Contractor, either pay unpaid bills or withhold from the Contractor's unpaid compensation a sum of money deemed reasonably sufficient to pay any and all such lawful claims until satisfactory evidence is furnished that all liabilities have been fully discharged whereupon payment to the Contractor shall be resumed in accordance with the contract documents, but in no event shall the provisions of this sentence be construed to impose any obligations upon the City to either the Contractor, his/her surety or any third party. In paying any unpaid bills of the Contractor, any payment so made by the City shall be considered as a payment made under the contract documents by the City to the Contractor and the City shall not be liable to the Contractor for any such payments made in good faith.

If the City fails to make payment forty-five (45) days after the filing of the Notice of Completion, in addition to other remedies available to the Contractor, there shall be added to

each such payment interest at the maximum legal rate commencing on the first day after said payment is due and continuing until the payment is received by the Contractor.

## **22. ACCEPTANCE OF FINAL PAYMENT AS RELEASE**

The acceptance by the Contractor of final payment shall be, and shall operate as, a Release to the City of all claims of Contractor. The Release shall include all things done or furnished by Contractor in connection with the work and every act and neglect of the City relating to or arising out of the work. If the Contractor intends to exclude any claim or claims from the Release, the Contractor must provide a written list of such claims to City, stating the exact dollar amount, within forty-five (45) days after the date of filing the Notice of Completion. No payment, whether a final payment or not, shall serve to release the Contractor or the Contractor's sureties from any obligations under the Contract Documents, or the Performance Bond or the Payment Bond.

## **23. INSURANCE REQUIREMENTS FOR CONTRACTORS**

At no additional cost to City, Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Contractor, his/her agents, representatives, employees or subcontractors.

### **A. MINIMUM SCOPE OF INSURANCE:**

Coverage shall be at least as broad as:

1. Insurance Services Office Commercial General Liability coverage (occurrence form CG 00 01).
2. Insurance Services Office form number CA 00 01 covering Automobile Liability, code 1 (any auto).
3. Workers' Compensation as required by the State of California and Employer's Liability Insurance.

### **B. MINIMUM LIMITS OF INSURANCE:**

Contractor shall maintain limits no less than:

1. General Liability: \$1,000,000 per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.
2. Automobile Liability: \$1,000,000 per accident for bodily injury and property damage.
3. Workers' Compensation and Employers' Liability: \$1,000,000 per accident for bodily injury or disease.

### C. DEDUCTIBLES AND SELF-INSURED RETENTIONS:

Any deductibles or self-insured retentions shall be declared to and approved by the City. At the option of the City, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the City, its officers, officials, employees and volunteers; or the Contractor shall provide a financial guarantee satisfactory to the City guaranteeing payment of losses and related investigations, claim administration and defense expenses.

### D. OTHER INSURANCE PROVISIONS:

The policies are to contain, or be endorsed to contain, the following provisions:

#### 1. General Liability and Automobile Liability Coverages.

- a. The City, its officers, officials, employees and volunteers are to be covered as additional insureds with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of the Contractor; and with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Contractor's insurance, or as a separate owner's policy.
- b. For any claims related to this project, the Contractor's insurance coverage shall be primary insurance as respects the City, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the City, its officers, officials, employees, or volunteers shall be excess of the Contractor's insurance and shall not contribute with it.
- c. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled by either party, except after thirty (30) days' prior written notice has been given to the City.
- d. Coverage shall not extend to any indemnity coverage for the active negligence of the additional insured in any case where an agreement to indemnify the additional insured

### E. ACCEPTABILITY OF INSURERS:

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII.

### F. VERIFICATION OF COVERAGE:

Contractor shall furnish the City with original certificates and amendatory endorsements effecting coverage required by this clause. The endorsements should be on forms that conform to the requirements. All certificates and endorsements are to be received and approved by the City before work commences. The City reserves the right to require complete, certified copies of all required insurance policies, including endorsements affecting the coverage required by these specifications at any time. Any confidential or proprietary information may be removed.

## **G. SUBCONTRACTORS:**

Contractor shall include all subcontractors as insureds under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverages for subcontractors shall be subject to all of the requirements stated herein.

## **24. CONTRACT SECURITY**

The Contractor shall, within ten (10) days after the receipt of the Notice of Award, furnish the City with a Performance Bond in the amount of one hundred (100) percent of the contract price, and a Payment Bond in the amount of one hundred (100) percent of the contract price, conditioned upon the performance of the Contractor of all undertakings, covenants, terms, conditions and agreements of the contract documents, and upon prompt payment by the Contractor to all persons supplying labor and materials in the prosecution of the work provided by the contract documents. Such bonds shall be executed by the Contractor and a corporate bonding company approved by the City and licensed to transact business in the State of California. The expense of these bonds shall be borne by the Contractor. If, at any time, a surety on any such bond is declared bankrupt or loses its right to do business in the State of California the Contractor shall, within ten (10) days after notice from the City to do so, substitute an acceptable bond, or bonds, in such form and sum and signed by such other surety or sureties as may be satisfactory to the City. No further payments shall be deemed due, nor shall be made, until the new surety or sureties shall have furnished an acceptable bond to the City.

## **25. ASSIGNMENTS**

Neither the Contractor nor the City shall sell, transfer, assign or otherwise dispose of the contract or any portion thereof, or of his/her right, title or interest therein or his/her obligations thereunder without written consent of the other party.

## **26. INDEMNIFICATION**

The Contractor will indemnify and hold harmless the City, the Engineer, and their agents and employees from and against all claims, damages, losses and expenses including attorney's fees arising out of or resulting from the performance of the work, provided that any such claims, damage, loss or expense is attributable to bodily injury, sickness, disease or death; or to injury or destruction of tangible property including the loss therefrom; and is caused in whole or in part by any negligent or willful act or omission by the Contractor, subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable.

In any and all claims against the City or the Engineer, or any of their agents or employees, by any employee of the Contractor, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, the indemnification obligation shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Contractor or any subcontractor under Workmen's Compensation acts, disability acts or other employee benefit acts.

The obligation of the Contractor under this paragraph shall not extend to the liability of the Engineer, his/her agents or employees arising out of the preparation or approval of maps, drawings, opinions, reports, surveys, change orders, designs or specifications. The City will not be held liable for any accident, loss or damage to work prior to its completion and acceptance.

## **27. SEPARATE CONTRACTS**

The City reserves the right to let other contracts in connection with this project. The Contractor shall afford other Contractors reasonable opportunity for the introduction and storage of their materials and the execution of their work and shall properly connect and coordinate his/her work with theirs. If the proper execution or results of any part of the Contractor's work depends upon the work of any other Contractor, the Contractor shall inspect and promptly report to the Engineer any defects in such work that render it unsuitable for such property execution and results.

The City may perform additional work related to the project by itself, or it may let other contracts containing provisions similar to these. The Contractor will afford the other Contractors who are parties to such contracts, or the City if it is performing the additional work itself, reasonable opportunity for the introduction and storage of materials and equipment and the execution of work, and shall properly connect and coordinate his/her work with theirs.

If the performance of additional work by other Contractors or the City, is not noted in the Contract documents prior to the execution of the contract, written notice thereof shall be given to the Contractor prior to starting such additional work. If the Contractor believes that the performance of such additional work by the City or others involves him/her in additional expense or entitles him/her to any extension of contract time, he/she may make a claim therefore as provided in Sections 14 and 15.

## **28. SUBCONTRACTING**

The Contractor may utilize the services of specialty Contractors on those parts of the work, which, under normal contracting practices, are performed by specialty Contractors. The Contractor shall be fully responsible to the City for the acts and omissions of his/her subcontractors and of persons either directly or indirectly employed by them, as he/she is responsible for the acts and omissions of persons directly employed by him/her.

The Contractor shall cause appropriate provisions to be inserted in all subcontracts relative to the work to bind subcontractors to the Contractor by the terms of the contract documents insofar as applicable to the work of the subcontractors and to give the Contractor the same power as regards terminating any subcontract that the City may exercise over the Contractor under the provisions of the contract documents. Nothing contained in this contract shall create any contractual relation between any subcontractor and the City.

## **29. ENGINEER'S AUTHORITY**

The Engineer shall act as the City's representative during the construction period. He/she shall decide questions, which may arise as to quality and acceptability of materials furnished and work performed. He/she shall interpret the intent of the contract documents in a fair and unbiased manner. The Engineer will make visits to the site and determine if the work is proceeding in accordance with the contract documents.

### **30. LAND AND RIGHT-OF-WAY**

Prior to the issuance of Notice to Proceed, the City shall obtain all land and rights-of-way necessary for carrying out and for the completion of the work to be performed pursuant to the contract documents, unless otherwise mutually agreed.

The City shall provide to the Contractor information, which delineates and describes the lands owned and rights-of-way acquired. The Contractor shall provide, at his/her own expense and without liability to the City, any additional land and access thereto that the Contractor may desire for temporary construction facilities, or for storage of equipment or materials.

### **31. GUARANTEE**

The Contractor shall guarantee all materials and equipment furnished and work performed for a period of one (1) year from the date of substantial completion. The Contractor warrants and guarantees for a period of one (1) year from the date of substantial completion of the system that the completed system is free from all defects due to faulty materials or workmanship and the Contractor shall promptly make such corrections as may be necessary by reason of such defects including the repairs of any damage to other parts of the system resulting from such defects.

The City will give notice of observed defects with reasonable promptness. In the event that the Contractor should fail to make such repairs, adjustments or other work that may be necessary by such defects, the City may do so and charge the Contractor the cost thereby incurred. The Performance Bond shall remain in force and effect through the guarantee period.

### **32. CONTRACT DISPUTES AND NOTICE OF POTENTIAL CLAIM**

If the Contractor and Engineer fail to agree whether or not any work or other matter is within the scope of the Contract, the Contractor shall nevertheless immediately perform such work upon receipt of a written Field Instruction or other written directive. It is the intention of this section that disputes between the parties arising under and by virtue of the contract be brought to the attention of the Engineer at the earliest possible time in order that the matters may be resolved, if possible, or other appropriate action can be undertaken.

For disputes arising under and by virtue of the contract, including an act or failure to act by the Engineer, the Contractor shall provide a signed written initial notice of potential claim to the Engineer within 5 days from the date the dispute first arose. The initial notice of potential claim shall provide the nature and circumstances involved in the dispute which shall remain consistent through the dispute. The initial notice of potential claim shall be submitted on State Form CEM-6201A to be furnished by the Engineer and shall be certified with reference to the California False Claims Act, Government Code Sections 12650-12655. The Contractor shall assign an exclusive identification number for each dispute, determined by chronological sequencing, based on the date of the dispute.

The exclusive identification number for each dispute shall be used on the following corresponding documents:

- Initial notice of potential claim.
- Supplemental notice of potential claim.
- Full and final documentation of potential claim.

- Corresponding claim included in the Contractor's written statement of claims.

The Contractor shall provide the Engineer the opportunity to examine the site of work within 5 days from the date of the initial notice of potential claim. The Contractor shall proceed with the performance of contract work unless otherwise specified or directed by the Engineer.

Throughout the disputed work, the Contractor shall maintain records that provide a clear distinction between the incurred direct costs of disputed work and that of undisputed work. The Contractor shall allow the Engineer access to the Contractor's project records deemed necessary by the Engineer to evaluate the potential claim within 20 days of the date of the Engineer's written request.

Within 15 days of submitting the initial notice of potential claim, the Contractor shall provide a signed supplemental notice of potential claim to the Engineer that provides the following information:

- A narrative describing the complete nature and circumstances of the dispute which caused the potential claim.
- The contract provisions that provide the basis of claim.
- The estimated cost of the potential claim, including an itemized breakdown of individual labor and material costs and how the estimate was determined.
- A time impact analysis of the project schedule that illustrates the effect the effect on the scheduled completion date due to schedule changes or disruptions where a request for adjustment of contract time is made.

The supplemental notice of potential claim shall be submitted on State Form CEM-6201B to be furnished by the Engineer and shall be certified with reference to the California False Claims Act, Government Code Sections 12650-12655. The Engineer will evaluate the information presented in the supplemental notice of potential claim and provide a written response to the Contractor within 20 days of its receipt. If the estimated cost or effect on the scheduled completion date changes, the Contractor shall update this information as soon as the change is recognized and submit this information to the Engineer.

Within 30 days of the completion of work related to the potential claim, the Contractor shall provide the full and final documentation of potential claim to the Engineer that provides the following information:

- A detailed factual narration of events fully describing the nature and circumstances that caused the dispute, including, but not limited to, necessary dates, locations, and items of work affected by the dispute.
- The specific provisions of the contract that support the potential claim and a statement of the reasons these provisions support and provide a basis for entitlement of the potential claim.
- When additional monetary compensation is requested, the exact amount requested shall be segregated into the following cost categories:

1. Labor – A listing of individuals, classifications, regular hours and overtime hours worked, dates worked, and other pertinent information related to the requested reimbursement of labor costs.

2. Materials – Invoices, purchase orders, location of materials either stored or incorporated into the work, dates materials were transported to the project or incorporated into the work, and other pertinent information related to the requested reimbursement of material costs.

3. Equipment – Listing of detailed description (make, model, and serial number), hours of use, dates of use and equipment rates. Equipment rates shall be at the applicable State rental rate as listed in the Department of Transportation publication entitled "Labor Surcharge and Equipment Rental Rates," in effect when the affected work related to the dispute was performed.

- When an adjustment of contract time is requested the following information shall be provided:
  1. The specific dates for which contract time is being requested.
  2. The specific reasons for entitlement to a contract time adjustment.
  3. The specific provisions of the contract that provide the basis for the requested contract time adjustment.
  4. A detailed time impact analysis of the project schedule. The time impact analysis shall show the effect of changes or disruptions on the scheduled completion date to demonstrate entitlement to a contract time adjustment.

The full and final documentation of the potential claim shall be submitted on State Form CEM-6201C to be furnished by the Engineer and shall be certified with reference to the California False Claims Act, Government Code Sections 12650-12655.

Pertinent information, references, arguments, and data to support the potential claim shall be included in the full and final documentation of potential claim. Information submitted subsequent to the full and final documentation submittal will not be considered. Information required in the full and final documentation of potential claim, as listed in items above, that is not applicable to the dispute may be exempted as determined by the Engineer. No full and final documentation of potential claim will be considered that does not have the same nature and circumstances, and basis of claim as those specified on the initial and supplemental notices of potential claim.

The Engineer will evaluate the information presented in the full and final documentation of potential claim and provide a written response to the Contractor within 30 days of its receipt unless otherwise specified. The Engineer's receipt of the full and final documentation of potential claim shall be evidenced by postal receipt or the Engineer's written receipt if delivered by hand. If the full and final documentation of potential claim is submitted by the Contractor after acceptance of the work by the Director, the Engineer need not provide a written response.

Failure of the Contractor to conform to specified dispute procedures shall constitute a failure to pursue diligently and exhaust the administrative procedures in the contract, and is deemed as the Contractor's waiver of the potential claim.

### **33. DISPUTE RESOLUTION**

In the event that disputes can not be resolved pursuant to the provisions of Section 32, disputes of \$375,000 or less between that parties shall be subject to the provisions set forth in California Public Contract Code sections 20104 et seq.

### **34. TAXES**

The Contractor will pay all sales, consumer, use and other similar taxes required by the law of the place where the work is performed.

### **35. APPLICABLE WAGE RATES**

The Contractor's attention is directed to Section 7-1.01A(2) "Prevailing Wage" of the Standard Specification and the most recent General Prevailing Wage Determination made by the Director of Industrial Relations, a copy of which is available for examination at the Public Works Office. These prevailing wage rates, and any subsequent amendments thereto made prior to the date of the Invitation for Bids, are the minimum rates to be paid during the life of the contract.

Certified copies of all payroll records shall be submitted to the Engineer each week for the prior week's work. Certified payroll records and submittal thereof shall be in accordance with Section 7-1.01A(3) "Payroll Records" of the Standard Specifications.

In accordance with the Davis-Bacon Act, the California Labor Code, and other applicable labor provisions, the prevailing wages applicable to the project will be determined by the United States Secretary of Labor and/or the State of California Department of Industrial Relations.

The listings of or reference to minimum rates herein is not a representation that labor can be obtained at these rates. It is the responsibility of bidders to inform themselves as to local labor conditions and prospective changes or adjustments of wage rates. No increase in the contract price shall be allowed or authorized on account of payment of wage rates in excess of those listed or referred to herein. For Federally Funded Projects, in the event of any difference between the State and Federal Wage Rates, the higher rate shall be paid for each classification.

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## 1. **DISADVANTAGED BUSINESS ENTERPRISES (DBE)**

Under 49 CFR 26.13(b):

The contractor, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate.

Take necessary and reasonable steps to ensure that DBEs have opportunity to participate in the contract (49 CFR 26).

To ensure equal participation of DBEs provided in 49 CFR 26.5, the Agency shows a goal for DBEs.

Make work available to DBEs and select work parts consistent with available DBE subcontractors and suppliers.

Meet the DBE goal shown elsewhere in these special provisions or demonstrate that you made adequate good faith efforts to meet this goal.

It is your responsibility to verify that the DBE firm is certified as DBE at date of bid opening. For a list of DBEs certified by the California Unified Certification Program, go to:

[http://www.dot.ca.gov/hq/bep/find\\_certified.htm](http://www.dot.ca.gov/hq/bep/find_certified.htm).

All DBE participation will count toward the California Department of Transportation's federally mandated statewide overall DBE goal.

Credit for materials or supplies you purchase from DBEs counts towards the goal in the following manner:

- 100 percent counts if the materials or supplies are obtained from a DBE manufacturer.
- 60 percent counts if the materials or supplies are obtained from a DBE regular dealer.
- Only fees, commissions, and charges for assistance in the procurement and delivery of materials or supplies count if obtained from a DBE that is neither a manufacturer nor regular dealer. 49 CFR 26.55 defines "manufacturer" and "regular dealer."

You receive credit towards the goal if you employ a DBE trucking company that performs a commercially useful function as defined in 49 CFR 26.55(d)(1) through (4) and (6).

### **a. DBE Commitment Submittal**

Submit the Exhibit 15-G *Local Agency Bidder DBE Commitment (Construction Contracts)* form, included in the Bid book. If the form is not submitted with the bid, remove the form from the Bid book before submitting your bid. **The City has established a DBE participation goal of 20% for this project.**

If the DBE Commitment form is not submitted with the bid, the apparent low bidder, the 2nd low bidder, and the 3rd low bidder must complete and submit the DBE Commitment form to the Agency. DBE Commitment form must be received by the Agency no later than 4:00 p.m. on the 4th business day after bid opening.

Other bidders do not need to submit the DBE Commitment form unless the Agency requests it. If the Agency requests you to submit a DBE Commitment form, submit the completed form within 4 business days of the request.

Submit written confirmation from each DBE stating that it is participating in the contract. Include confirmation with the DBE Commitment form. A copy of a DBE's quote will serve as written confirmation that the DBE is participating in the contract.

If you do not submit the DBE Commitment form within the specified time, the Agency will find your bid nonresponsive.

### **b. Good Faith Efforts Submittal**

If you have not met the DBE goal, complete and submit the DBE Information - Good Faith Efforts, Exhibit 15-H, form with the bid showing that you made adequate good faith efforts to meet the goal. Only good faith efforts directed towards obtaining participation by DBEs will be considered. If good faith efforts

documentation is not submitted with the bid, it must be received by the Agency no later than 4:00 p.m. on the 4th business day after bid opening.

If your DBE Commitment form shows that you have met the DBE goal or if you are required to submit the DBE Commitment form, you must also submit good faith efforts documentation within the specified time to protect your eligibility for award of the contract in the event the Agency finds that the DBE goal has not been met.

Good faith efforts documentation must include the following information and supporting documents, as necessary:

1. Items of work you have made available to DBE firms. Identify those items of work you might otherwise perform with your own forces and those items that have been broken down into economically feasible units to facilitate DBE participation. For each item listed, show the dollar value and percentage of the total contract. It is your responsibility to demonstrate that sufficient work to meet the goal was made available to DBE firms.
2. Names of certified DBEs and dates on which they were solicited to bid on the project. Include the items of work offered. Describe the methods used for following up initial solicitations to determine with certainty if the DBEs were interested, and the dates of the follow-up. Attach supporting documents such as copies of letters, memos, facsimiles sent, telephone logs, telephone billing statements, and other evidence of solicitation. You are reminded to solicit certified DBEs through all reasonable and available means and provide sufficient time to allow DBEs to respond.
3. Name of selected firm and its status as a DBE for each item of work made available. Include name, address, and telephone number of each DBE that provided a quote and their price quote. If the firm selected for the item is not a DBE, provide the reasons for the selection.
4. Name and date of each publication in which you requested DBE participation for the project. Attach copies of the published advertisements.
5. Names of agencies and dates on which they were contacted to provide assistance in contacting, recruiting, and using DBE firms. If the agencies were contacted in writing, provide copies of supporting documents.
6. List of efforts made to provide interested DBEs with adequate information about the plans, specifications, and requirements of the contract to assist them in responding to a solicitation. If you have provided information, identify the name of the DBE assisted, the nature of the information provided, and date of contact. Provide copies of supporting documents, as appropriate.
7. List of efforts made to assist interested DBEs in obtaining bonding, lines of credit, insurance, necessary equipment, supplies, and materials, excluding supplies and equipment that the DBE subcontractor purchases or leases from the prime contractor or its affiliate. If such assistance is provided by you, identify the name of the DBE assisted, nature of the assistance offered, and date assistance was provided. Provide copies of supporting documents, as appropriate.
8. Any additional data to support demonstration of good faith efforts.

The Agency may consider DBE commitments of the 2nd and 3rd bidders when determining whether the low bidder made good faith efforts to meet the DBE goal.

***c. Exhibit 15-G - Local Agency Bidder DBE Information (Construction Contracts)***

Complete and sign Exhibit 15-G *Local Agency Bidder DBE Commitment (Construction Contracts)* included in the contract documents regardless of whether DBE participation is reported.

Provide written confirmation from each DBE that the DBE is participating in the Contract. A copy of a DBE's quote serves as written confirmation. If a DBE is participating as a joint venture partner, the Agency encourages you to submit a copy of the joint venture agreement.)

***d. Subcontractor and Disadvantaged Business Enterprise Records***

Use each DBE subcontractor as listed on Exhibit 12-B *Bidder's List of Subcontractors (DBE and Non-DBE)* and Exhibit 15-G *Local Agency Bidder DBE Commitment (Construction Contracts)* form unless you receive authorization for a substitution.

The Agency requests the Contractor to:

1. Notify the Engineer of any changes to its anticipated DBE participation
2. Provide this notification before starting the affected work
3. Maintain records including:
  - Name and business address of each 1<sup>st</sup>-tier subcontractor
  - Name and business address of each DBE subcontractor, DBE vendor, and DBE trucking company, regardless of tier
  - Date of payment and total amount paid to each business

If you are a DBE contractor, include the date of work performed by your own forces and the corresponding value of the work.

Before the 15th of each month, submit a Monthly DBE Trucking Verification form.

If a DBE is decertified before completing its work, the DBE must notify you in writing of the decertification date. If a business becomes a certified DBE before completing its work, the business must notify you in writing of the certification date. Submit the notifications. On work completion, complete a Disadvantaged Business Enterprises (DBE) Certification Status Change, Exhibit 17-O, form. Submit the form within 30 days of contract acceptance.

Upon work completion, complete Exhibit 17-F *Final Report – Utilization of Disadvantaged Business Enterprises (DBE), First-Tier Subcontractors*. Submit it within 90 days of contract acceptance. The Agency will withhold \$10,000 until the form is submitted. The Agency releases the withhold upon submission of the completed form.

***e. Performance of Disadvantaged Business Enterprises***

DBEs must perform work or supply materials as listed in the Exhibit 15-G *Local Agency Bidder DBE Commitment (Construction Contracts)* form, included in the Bid.

Do not terminate or substitute a listed DBE for convenience and perform the work with your own forces or obtain materials from other sources without authorization from the Agency.

The Agency authorizes a request to use other forces or sources of materials if it shows any of the following justifications:

1. Listed DBE fails or refuses to execute a written contract based on plans and specifications for the project.
2. You stipulated that a bond is a condition of executing the subcontract and the listed DBE fails to meet your bond requirements.
3. Work requires a contractor's license and listed DBE does not have a valid license under Contractors License Law.
4. Listed DBE fails or refuses to perform the work or furnish the listed materials.
5. Listed DBE's work is unsatisfactory and not in compliance with the contract.
6. Listed DBE is ineligible to work on the project because of suspension or debarment.
7. Listed DBE becomes bankrupt or insolvent.
8. Listed DBE voluntarily withdraws with written notice from the Contract
9. Listed DBE is ineligible to receive credit for the type of work required.
10. Listed DBE owner dies or becomes disabled resulting in the inability to perform the work on the Contract.
11. Agency determines other documented good cause.

Notify the original DBE of your intent to use other forces or material sources and provide the reasons. Provide the DBE with 5 days to respond to your notice and advise you and the Agency of the reasons why the use of other forces or sources of materials should not occur. Your request to use other forces or material sources must include:

1. One or more of the reasons listed in the preceding paragraph
2. Notices from you to the DBE regarding the request
3. Notices from the DBEs to you regarding the request

If a listed DBE is terminated or substituted, you must make good faith efforts to find another DBE to substitute for the original DBE. The substitute DBE must perform at least the same amount of work as the original DBE under the contract to the extent needed to meet the DBE goal.

The substitute DBE must be certified as a DBE at the time of request for substitution.

Unless the Agency authorizes (1) a request to use other forces or sources of materials or (2) a good faith effort for a substitution of a terminated DBE, the Agency does not pay for work listed on the Exhibit 15-G *Local Agency Bidder DBE Commitment (Construction Contracts)* form unless it is performed or supplied by the listed DBE or an authorized substitute.

## **2. BID OPENING**

The Agency publicly opens and reads bids at the time and place shown on the *Notice to Bidders*.

## **3. BID RIGGING**

The U.S. Department of Transportation (DOT) provides a toll-free hotline to report bid rigging activities. Use the hotline to report bid rigging, bidder collusion, and other fraudulent activities. The hotline number is (800) 424-9071. The service is available 24 hours 7 days a week and is confidential and anonymous.. The hotline is part of the DOT's effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the DOT Inspector General.

## **4. CONTRACT AWARD**

If the Agency awards the contract, the award is made to the lowest responsible bidder.

## **5. CONTRACTOR LICENSE**

The Contractor must be properly licensed as a contractor from contract award through Contract acceptance (Public Contract Code § 10164).

## **6. DIFFERING SITE CONDITIONS**

### ***a. Contractor's Notification***

Promptly notify the Agency's Engineer if you find either of the following conditions:

1. Physical conditions differing materially from either of the following:
  - Contract documents
  - Job site examination
2. Physical conditions of an unusual nature, differing materially from those ordinarily encountered and generally recognized as inherent in the work provided for in the Contract

Include details explaining the information you relied on and the material differences you discovered.

If you fail to promptly notify the Engineer, you waive the differing site condition claim for the period between your discovery of the differing site condition and your notification to the Engineer.

If you disturb the site after discovery and before the Engineer's investigation, you waive the differing site condition claim.

### ***b. Engineer's Investigation and Decision***

Upon your notification, the Engineer investigates job site conditions and:

1. Notifies you whether to resume affected work
2. Decides whether the condition differs materially and is cause for an adjustment of time, payment, or both

**7. BEGINNING OF WORK, TIME OF COMPLETION AND LIQUIDATED DAMAGES**

The Contractor shall begin work within 10 calendar days after the Notice to Proceed contract has been issued by the City of Oroville.

This work shall be diligently prosecuted to completion before the expiration of 95 WORKING DAYS beginning on the fifteenth calendar day after approval of the contract.

The Contractor shall pay to the City of Oroville the sum of \$100 per day, for each and every calendar day's delay in finishing the work in excess of the number of working days prescribed above.

**8. BUY AMERICA**

Furnish steel and iron materials to be incorporated into the work with certificates of compliance. Steel and iron materials must be produced in the U.S. except:

1. Foreign pig iron and processed, pelletized, and reduced iron ore may be used in the domestic production of the steel and iron materials [60 Fed Reg 15478 (03/24/1995)];
2. If the total combined cost of the materials does not exceed the greater of 0.1 percent of the total bid or \$2,500, materials produced outside the U.S. may be used.

Production includes:

1. Processing steel and iron materials, including smelting or other processes that alter the physical form or shape (such as rolling, extruding, machining, bending, grinding, and drilling) or chemical composition;
2. Coating application, including epoxy coating, galvanizing, and painting, that protects or enhances the value of steel and iron materials.

**9. QUALITY ASSURANCE**

The Agency uses a Quality Assurance Program (QAP) to ensure a material is produced to comply with the Contract.

You may examine the records and reports of tests the Agency performs if they are available at the job site.

Schedule work to allow time for QAP.

**10. PROMPT PAYMENT OF FUNDS WITHHELD TO SUBCONTRACTORS**

The agency shall hold 5% retainage from the prime contractor and shall make prompt and regular incremental acceptances of portions, as determined by the agency, of the contract work, and pay retainage to the prime contractor based on these acceptances. The prime contractor, or subcontractor, shall return all monies withheld in retention from a subcontractor within 30 days after receiving payment for work satisfactorily completed and accepted including incremental acceptances of portions of the contract work by the agency. Federal law (49CFR26.29) requires that any delay or postponement of payment over 30 days may take place only for good cause and with the agency's prior written approval. Any violation of this provision shall subject the violating prime contractor or subcontractor to the penalties, sanctions and other remedies specified in Section 7108.5 of the Business and Professions Code. These requirements shall not be construed to limit or impair any contractual, administrative, or judicial remedies otherwise available to the prime contractor or subcontractor in the event of a dispute involving late payment or nonpayment by the prime contractor, deficient subcontract performance, or noncompliance by a subcontractor.

**11. FORM FHWA-1273 REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONTRACTS (Excluding ATTACHMENT A - EMPLOYMENT AND MATERIALS PREFERENCE FOR APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS ROAD CONTRACTS)**

FHWA-1273 -- Revised May 1, 2012

**REQUIRED CONTRACT PROVISIONS  
FEDERAL-AID CONSTRUCTION CONTRACTS**

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

**ATTACHMENTS**

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

**I. GENERAL**

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

**II. NONDISCRIMINATION**

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

**1. Equal Employment Opportunity:** Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR

27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

**2. EEO Officer:** The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

**3. Dissemination of Policy:** All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

**4. Recruitment:** When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

**5. Personnel Actions:** Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

**6. Training and Promotion:**

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

**7. Unions:** If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

**8. Reasonable Accommodation for Applicants / Employees with Disabilities:** The contractor must be familiar with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

**9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment:** The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

**10. Assurance Required by 49 CFR 26.13(b):**

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

**11. Records and Reports:** The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on [Form FHWA-1391](#). The staffing data should represent the project work force on board in

all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

### III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

### IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects. Contractors shall comply with the federal wage rate requirements when preparing bids for this project. Federal wage rate determinations can be found at the following Internet web site address:

[www.wdol.gov](http://www.wdol.gov) (Wage Determinations Online)

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

#### 1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b. (1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting

officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

## **2. Withholding**

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

## **3. Payrolls and basic records**

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b. (1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee ( e.g. , the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

#### **4. Apprentices and trainees**

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

**5. Compliance with Copeland Act requirements.** The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

**6. Subcontracts.** The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

**7. Contract termination: debarment.** A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

**8. Compliance with Davis-Bacon and Related Act requirements.** All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

**9. Disputes concerning labor standards.** Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

#### **10. Certification of eligibility.**

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

### **V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT**

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

**1. Overtime requirements.** No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

**2. Violation; liability for unpaid wages; liquidated damages.** In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

**3. Withholding for unpaid wages and liquidated damages.** The FHWA or the contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

**4. Subcontracts.** The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

### **VI. SUBLETTING OR ASSIGNING THE CONTRACT**

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

- (1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;
- (2) the prime contractor remains responsible for the quality of the work of the leased employees;
- (3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and
- (4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

## **VII. SAFETY: ACCIDENT PREVENTION**

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

## **VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS**

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

## **IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT**

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.
2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

## **X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION**

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

### **1. Instructions for Certification – First Tier Participants:**

- a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.
- b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.
- c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.
- d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
- e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).
- f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.
- g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.
- h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.
- i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

**2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:**

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

**2. Instructions for Certification - Lower Tier Participants:**

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

**Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:**

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

#### **XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING**

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

**12. FEMALE AND MINORITY GOALS**

To comply with Section II, "Nondiscrimination," of "Required Contract Provisions Federal-Aid Construction Contracts," the following are goals for female and minority utilization goals for Federal-aid construction contracts and subcontracts that exceed \$10,000:

The nationwide goal for female utilization is 6.9 percent.

The goals for minority utilization [45 Fed Reg 65984 (10/3/1980)] are as follows:

**MINORITY UTILIZATION GOALS**

Economic Area		Goal (Percent )
174	Redding CA: Non-SMSA (Standard Metropolitan Statistical Area) Counties: CA Lassen; CA Modoc; CA Plumas; CA Shasta; CA Siskiyou; CA Tehama	6.8
175	Eureka, CA Non-SMSA Counties: CA Del Norte; CA Humboldt; CA Trinity	6.6
176	San Francisco-Oakland-San Jose, CA: SMSA Counties: 7120 Salinas-Seaside-Monterey, CA CA Monterey	28.9
	7360 San Francisco-Oakland CA Alameda; CA Contra Costa; CA Marin; CA San Francisco; CA San Mateo	25.6
	7400 San Jose, CA CA Santa Clara, CA	19.6
	7485 Santa Cruz, CA CA Santa Cruz	14.9
	7500 Santa Rosa CA Sonoma	9.1
	8720 Vallejo-Fairfield-Napa, CA CA Napa; CA Solano	17.1
	Non-SMSA Counties: CA Lake; CA Mendocino; CA San Benito	23.2
177	Sacramento, CA: SMSA Counties: 6920 Sacramento, CA CA Placer; CA Sacramento; CA Yolo	16.1
	Non-SMSA Counties CA Butte; CA Colusa; CA El Dorado; CA Glenn; CA Nevada; CA Sierra; CA Sutter; CA Yuba	14.3
178	Stockton-Modesto, CA: SMSA Counties: 5170 Modesto, CA CA Stanislaus	12.3
	8120 Stockton, CA CA San Joaquin	24.3
	Non-SMSA Counties CA Alpine; CA Amador; CA Calaveras; CA Mariposa; CA Merced; CA Tuolumne	19.8
179	Fresno-Bakersfield, CA SMSA Counties: 0680 Bakersfield, CA CA Kern	19.1

	2840 Fresno, CA CA Fresno Non-SMSA Counties: CA Kings; CA Madera; CA Tulare	26.1 23.6
180	Los Angeles, CA: SMSA Counties: 0360 Anaheim-Santa Ana-Garden Grove, CA CA Orange 4480 Los Angeles-Long Beach, CA CA Los Angeles 6000 Oxnard-Simi Valley-Ventura, CA CA Ventura 6780 Riverside-San Bernardino-Ontario, CA CA Riverside; CA San Bernardino 7480 Santa Barbara-Santa Maria-Lompoc, CA CA Santa Barbara Non-SMSA Counties CA Inyo; CA Mono; CA San Luis Obispo	11.9 28.3 21.5 19.0 19.7 24.6
181	San Diego, CA: SMSA Counties 7320 San Diego, CA CA San Diego Non-SMSA Counties CA Imperial	16.9 18.2

For each July during which work is performed under the contract, you and each non material-supplier subcontractor with a subcontract of \$10,000 or more must complete Form FHWA PR-1391 (Appendix C to 23 CFR 230). Submit the forms by August 15.

### 13. FEDERAL TRAINEE PROGRAM

For the Federal training program, the number of trainees or apprentices is \_\_\_\_\_.

This section applies if a number of trainees or apprentices is specified in the special provisions.

As part of your equal opportunity affirmative action program, provide on-the-job training to develop full journeymen in the types of trades or job classifications involved.

You have primary responsibility for meeting this training requirement.

If you subcontract a contract part, determine how many trainees or apprentices are to be trained by the subcontractor.

Include these training requirements in your subcontract.

Where feasible, 25 percent of apprentices or trainees in each occupation must be in their 1st year of apprenticeship or training.

Distribute the number of apprentices or trainees among the work classifications on the basis of your needs and the availability of journeymen in the various classifications within a reasonable recruitment area.

Before starting work, submit to the City/County of \_\_\_\_\_:

1. Number of apprentices or trainees to be trained for each classification
2. Training program to be used
3. Training starting date for each classification

Obtain the City/County's of \_\_\_\_\_ approval for this submitted information before you start work. The City/County of \_\_\_\_\_ credits you for each apprentice or trainee you employ on the work who is currently enrolled or becomes enrolled in an approved program.

The primary objective of this section is to train and upgrade minorities and women toward journeymen status. Make every effort to enroll minority and women apprentices or trainees, such as conducting systematic and direct recruitment through public and private sources likely to yield minority and women apprentices or trainees, to the extent they are available within a reasonable recruitment area. Show that you have made the efforts. In making these efforts, do not discriminate against any applicant for training.

Do not employ as an apprentice or trainee an employee:

1. In any classification in which the employee has successfully completed a training course leading to journeyman status or in which the employee has been employed as a journeyman
2. Who is not registered in a program approved by the US Department of Labor, Bureau of Apprenticeship and Training

Ask the employee if the employee has successfully completed a training course leading to journeyman status or has been employed as a journeyman. Your records must show the employee's answers to the questions.

In your training program, establish the minimum length and training type for each classification. The City/County of \_\_\_\_\_ and FHWA approves a program if one of the following is met:

1. It is calculated to:
  - Meet the your equal employment opportunity responsibilities
  - Qualify the average apprentice or trainee for journeyman status in the classification involved by the end of the training period
2. It is registered with the U.S. Department of Labor, Bureau of Apprenticeship and Training, and it is administered in a way consistent with the equal employment responsibilities of Federal-aid highway construction contracts

Obtain the State's approval for your training program before you start work involving the classification covered by the program.

Provide training in the construction crafts, not in clerk-typist or secretarial-type positions. Training is allowed in lower level management positions such as office engineers, estimators, and timekeepers if the training is oriented toward construction applications. Training is allowed in the laborer classification if significant and meaningful training is provided and approved by the division office. Off-site training is allowed if the training is an integral part of an approved training program and does not make up a significant part of the overall training.

The City/County of \_\_\_\_\_ reimburses you 80 cents per hour of training given an employee on this contract under an approved training program:

1. For on-site training
2. For off-site training if the apprentice or trainee is currently employed on a Federal-aid project and you do at least one of the following:
  - Contribute to the cost of the training
  - Provide the instruction to the apprentice or trainee
  - Pay the apprentice's or trainee's wages during the off-site training period
3. If you comply this section.

Each apprentice or trainee must:

1. Begin training on the project as soon as feasible after the start of work involving the apprentice's or trainee's skill
2. Remain on the project as long as training opportunities exist in the apprentice's or trainee's work classification or until the apprentice or trainee has completed the training program

Furnish the apprentice or trainee:

1. Copy of the program you will comply with in providing the training
2. Certification showing the type and length of training satisfactorily completed

#### **14. TITLE VI ASSURANCES**

During the performance of this Agreement, the contractor, for itself, its assignees and successors in interest (hereinafter collectively referred to 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 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 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.

# TECHNICAL SPECIFICATIONS

## 1. Order of Work

The order of work shall be determined by the Contractor and approved by the Engineer. Order of work shall conform to the provisions in Section 5-1.05, "Order of Work", of the Standard Specifications and these Special Provisions. The Contractor shall submit a construction schedule to the Engineer for review and approval at least seven working days prior to the distribution of notices as described in Section 3 below.

## 2. Contractor Daily Work Hours

The Contractor shall restrict his work hours on all Project related work to 7 a.m. to 9 p.m. daily, except Sundays and holidays, when the work hours shall be from 10 a.m. to 6 p.m. unless otherwise approved by the Engineer. The restriction shall include all associated move on, set up, equipment and material delivery, and other project activities not strictly related to the daily progress of the project. Additional work hours may be requested or approved by the Engineer

## 3. Notification of Businesses

The Contractor shall notify all residents and businesses that may be affected by or are in the immediate vicinity of the construction at least 72 hours prior to construction. Notification shall be in writing and include a brief description of the work, starting date, scheduled date of completion, Contractor contact person and Contractor telephone number. Notification shall be submitted to the City for review and approval at least 24 hours prior to distribution. Notice to be hand carried by Contractor Representative. Should a change in the work schedule occur after the residents and/or businesses have been notified the Contractor shall notify the residents and/or businesses of the change in schedule within 24 hours of the originally scheduled starting date.

When the construction requires prohibiting parking, "No Parking" signs shall be posted along the construction routes. The signs shall include the dates and times that no parking periods will be in effect. "No Parking" signs shall be mounted on Class I barricades and placed in the gutter pan not more than 100' apart. Signs shall be posted a minimum of 24 hours in advance of construction and immediately removed upon completion. Should the Contractor not commence work after 24 hours from placement of the signs, the signs shall be removed. If a vehicle is parked in a properly posted no parking area and is prohibiting the progression of work, the Contractor shall notify the Oroville Police Department to arrange for removal of the vehicle.

Failure to comply with the provisions for notification shall result in the suspension of all work until the provisions have been met. Full compensation for conforming to the requirements of this provision shall be considered as included in the prices paid for the various contract items and no additional compensation will be allowed.

## 4. Access to Residences and Business

The Contractor shall provide access to all residences and businesses within the construction zone at all times throughout the project. When the work requires the closing of a business driveway or other

entrance, the Contractor shall post signs directing the public to the most convenient access to the residence / business.

## **5. Air, Water Pollution, Dust, and Noise Control**

a) Description of Work: The Contractor's attention is directed to Standard Specifications, Section 7 - "Legal Relations and Responsibilities" and Section 10 - "Dust Control" for requirements related to air and water pollution control and dust control and sound control. The Contractor shall abide by the following regarding the control of dust, water pollution, air pollution, and noise pollution:

i) All exposed earth surfaces shall be watered periodically during construction activities. This practice shall be conducted twice during the morning and afternoon work hours if needed to maintain dust control. Further, the frequency of watering shall increase if wind speeds exceed 15 miles per hour.

ii) Mud and dust carried onto street surfaces by construction equipment shall be removed on a daily basis.

iii) Haul trucks shall be covered with tarpaulins or other effective covers at all times.

iv) Exposed surfaces shall be revegetated in accordance with the plans as soon as feasibly possible.

v) During clearing, grading, earth-moving, or excavation operations, fugitive dust emissions shall be controlled by regular watering, paving of construction roads, or other dust-preventive measures

vi) All material excavated or graded shall be sufficiently watered to prevent excess amounts of dust. Watering, with complete coverage, shall occur at least twice daily, preferably in the late morning and after work is done for the day.

vii) All clearing, grading, earth-moving, or excavation activities shall cease when winds exceed 15 mph averaged over 1 hour.

viii) All material transported off-site shall be either sufficiently watered or securely covered to prevent excessive amounts of dust.

ix) The area disturbed by demolition, clearing, grading, earthmoving, or excavation operations shall be minimized at all times.

x) Apply nontoxic soil stabilizers according to manufacturer's specification to all inactive construction area (previously graded area inactive for ten days or more).

xi) Provide temporary traffic control as appropriate during all phases of construction to improve traffic flow (e.g., flag person).

xii) Contractor shall minimize exhaust emissions by maintaining equipment engines in good condition and in proper tune according to manufacturer's specifications and by not allowing construction equipment to be left idling for long periods.

xiii) Construction equipment exhaust emission shall not exceed Butte County Air Quality Management District Rule 202 "Visible Emission" limitations.

xiv) Whenever feasible, Contractor shall utilize existing power sources (e.g. power poles) or clean fuel generators rather than temporary power generators.

xv) At least 20% of the heavy duty (greater than 50 horsepower) off-road equipment shall be California Air Resources Board (CARB) certified off-road engines as follows: 1) 175hp-750hp 1996 and newer engines 2) 100hp - 174hp 1997 and newer engines 3) 50hp - 99 hp 1998 and newer engines. Alternatively, equivalent emission reductions may be achieved by engine retrofit technology, exhaust filtration and low-sulfur diesel fuel, emulsified diesel fuels, or other CARB-verified or certified technology.

xvi) All heavy construction equipment and all stationary noise sources (such as diesel generators) shall be in good working order and have manufacturer installed mufflers

xvii) Equipment warm-up areas, water tanks and equipment storage areas shall be located in an area as far away from existing residences as feasible.

A Stormwater Pollution Prevention Plan (SWPPP) Notice of Intent has been initiated (but not completed) by the City and submitted to the Central Valley Regional Water Quality Control Board. The Application ID for the NOI is 457987. The Contractor shall be required to complete the NOI on behalf of the City and submit a follow-up Storm Water Pollution Prevention Plan (SWPPP) which complies with the conditions of the Water Quality Order 2009-0009-DWQ, National Pollutant Discharge Elimination System (NPDES), General Permit for Storm Water Discharges Associated with Construction Activity (State General Permit). The SWPPP shall be prepared as required by the State General Permit. The SWPPP shall be approved by the Engineer prior to submittal to the CVRWQCB. The Contractor shall be responsible for implementing, maintaining, and monitoring such water pollution control measures as called for in the SWPPP, the Standard Specifications, and as directed by the Engineer. Contractor shall be responsible for paying the fee associated with the NOI.

The State General Permit and other information regarding the preparation of a SWPPP are available on the Internet at <http://www.swrcb.ca.gov/stormwtr/construction.html>

The Contractor shall be responsible for inspecting the work site a minimum of once at the beginning and once at the end of the work day to insure that pollution control measures as specified in the SWPPP are in place and functioning properly. Inspections will also be required on non-work days when rainfall is forecasted. Monitoring shall be required for all rainfall events whether on work or non-work days. Unless specified otherwise in the approved SWPPP, Contractor-performed monitoring duties shall end when the project Notice of Completion is filed with the County Recorder. All inspections and monitoring shall be documented in a log that will be maintained on site with the approved SWPPP.

If the Contractor has been found not to be in conformance with the approved SWPPP and fails to provide the required maintenance of the pollution control devices within the same day that he is notified of the deficiency, the City of Oroville reserves the right to complete the work necessary to bring the devices into conformance with the SWPPP. In addition to the fine stated above, the City shall charge

the Contractor for the actual cost of such maintenance, which shall be deducted from the Contractor's next progress payment.

b) Measurement: Water pollution control, including the preparation of the SWPPP and all labor, materials, and incidentals necessary to implement, monitor, and maintain the measures implemented by the SWPPP, shall be measured by the lump sum. Air pollution control and dust control and noise control shall be included in other items of work and shall not be measured.

c) Payment: The lump sum price paid for water pollution control shall include full compensation for furnishing all labor, tools, materials, equipment, and incidentals for doing all the work involved in preparing the NOI and the SWPPP, and supplying, installing, monitoring, and maintaining the measures implemented as part of the SWPPP as required by the Standard Specifications and these Special Provisions, and as directed by the Engineer. The lump sum price also includes payment of the NOI fee by the Contractor.

## **6. Confined Space Entry**

The proposed construction involves the entry into confined spaces as defined in Part 1910 of Title 29 of the Code of Federal Regulations and General Safety Order Article 108, Title 8 of the California Administrative Code. The Contractor shall comply with the requirements of said regulations. The Contractor shall submit copies of an Entry Permit(s) and Confined Space Entry Program addressing operating, rescue procedures, surveillance procedures, and training as required by the state regulations.

## **7. Testing**

The Contractor shall pay for all failed tests as determined by the Engineer. The cost of failed tests shall be deducted from the Contractor's progress payment. Tests shall include all tests normally performed by the Engineer to check the Contractor's compliance with the contract provisions.

## **8. Hazardous Waste in Excavation**

If the Contractor encounters material in excavation which he/she has reason to believe may be hazardous waste, as defined by §25117 of the Health and Safety code, he/she shall immediately so notify the Engineer in writing. Excavation in the immediate area of the suspected hazardous material shall be suspended until the Engineer authorizes the work to be resumed. If such suspension delays the current controlling operation, the Contractor will be granted an extension of time as provided in Section 8-1.07, "Liquidated Damages", of the Standard Specifications.

If such suspension delays the current controlling operation more than 2 working days, the delay will be considered a right of way delay and the Contractor will be compensated for such delay as provided in Section 8-1.09, "Right of Way Delays," of the Standard Specifications.

The Department reserves the right to use other forces for exploratory work to identify and determine the extent of such material and for removing hazardous material from such area.

## **9. Unanticipated Cultural Resources Discovery**

Construction operations on this project may unearth or uncover cultural resources of a historic or prehistoric nature. If buried or obscured cultural materials are observed during vegetation removal and/or construction, the work in the area of discovery shall cease, the City Planning Department shall be notified, the encountered resource shall then be identified, recorded, and an assessment made of the resource by a qualified archaeologist.

The right is reserved to the City and its authorized agents, including a qualified archaeologist and appropriate professionals to enter upon the right-of-way for the purpose of investigating and/or excavating and removing such resources. The Contractor shall cooperate with forces engaged in such work, and shall conduct his operations in such a manner to avoid any unnecessary delay or hindrance to the work being performed by such other forces.

The Contractor shall immediately notify the City of any delays to his operations as a direct result of the discovery of possible cultural resources which were not indicated on the plans or in the Special Provisions. Any such delays will be considered right-of-way delays within the meaning of Section 8-1.09, "Right of Way Delays," and compensation for such delay will be determined in accordance with said Section 8-1.09. The Contractor shall be entitled to no other compensation for any such delay.

#### **10. Construction With Utility Companies**

The Contractor is advised that the relocation or reconstruction of utility company facilities may be in progress during the course of project construction. The Contractor shall schedule his/her work in such a manner as to avoid said utility work and maintain the project progress. No additional compensation shall be paid to the Contractor for alleged delays caused by the utility company work. If the Contractor's controlling item of work is delayed, work days shall be stopped until the project is clear to proceed. The Engineer shall be responsible for determining whether or not the controlling item of work is being delayed by the utility company work.

#### **11. Right of Public Utilities**

The rights of Public Utilities to enter upon the work for the purpose of making changes necessitated by the improvement are as specified in Section 8-1.10 of the Standard Specifications.

#### **12. Maintenance and Control of Traffic**

Traffic count data from 2009 indicate that over 12,000 vehicles per day pass through the intersection, with 2,000 plus vehicles occurring during the AM and PM peaks. In order to facilitate traffic control during the construction of the roundabout, the plans and specifications call for detours as shown on Sheet 6 of the project plans.

The Contractor shall be responsible for controlling and maintaining effective traffic flow through the construction zones at all times. The traffic control criteria listed below are to be complied with during the duration of the contract:

The intersection of Table Mountain Boulevard, Nelson Avenue and Cherokee Road shall be controlled in such a manner that the delays for vehicles passing through this intersection are not increased as compared to the roundabout pre-construction condition. Specific methods to maintain existing level of

service may include temporary signalization, full time flaggers, etc. It will be the sole responsibility of the contractor to propose traffic control methods and objectives designed to maintain a safe flow of traffic through all detour routes without creating significant traffic delays.

a. Description of Work: The Contractor shall supply at his own expense all flagmen, detour signs, barricades and all other traffic control devices and personnel in compliance with provisions of Section 7-1.08 - Public Convenience, Section 7-1.09 - Public Safety and Section 12 - Construction Area Traffic Control Devices of the Standard Specifications, and as ordered by the Engineer, necessary to provide a satisfactory level of safety and minimum inconvenience to the general public.

Nothing in these Special Provisions shall be construed as relieving the Contractor from his responsibility as provided in said Section 7-1.09.

The Contractor shall provide the Engineer with a Traffic Control Plan for each separate element of work seven (7) working days prior to starting work or the pre-construction meeting, whichever is earliest. The Engineer retains the right to modify the plan as he may determine necessary to maintain a safe and timely .

The Contractor or his representative and all subcontractors shall have a copy of the approved Traffic Control Plan pertinent to the work in progress on the jobsite at all times. Failure to adhere to the Traffic Control Plan shall be grounds for the City of Oroville to require the Contractor to stop the work until traffic control is in compliance with the approved Traffic Control Plan.

**Should the Contractor or his subcontractors be required to stop work by direction of the Engineer due to non-compliance with the Traffic Control Plan, the City of Oroville will deduct a penalty charge from the Contractor's next progress payment for each occurrence. The penalty shall amount to \$250.00 for the first occurrence and \$500.00 for each occurrence thereafter.**

During Contractor working hours a minimum of one (1) traffic lane (in each direction - 4 lane street), not less than twelve (12') feet wide shall be open for public use. During non-working hours all traveled lanes, on all roadways, shall remain open. Whenever vehicles or equipment are parked on the pavement or on the shoulder, within 6 feet of a travel lane, the parking area shall be delineated with fluorescent traffic cones or portable delineators placed on a taper in advance of the parked vehicles or equipment or along the closed portion of the pavement or shoulder at 25-foot intervals to a point approximately twenty-five (25') feet past the last piece of equipment. A minimum of nine (9) cones or portable delineators shall be used for the taper. A C23 (Road Work Ahead) or C24 (Shoulder Work Ahead), as appropriate, shall be mounted on a telescoping flag tree with flags.

Whenever a traffic lane is to be closed to public traffic, the Contractor shall install a traffic control system in accordance with the current "MANUAL OF TRAFFIC CONTROLS - Warning Signs, Lights, and Devices for Use in Performance of Work Upon Highways."

No work that interferes with public traffic shall be performed between 3:30 p.m. and 6:00 p.m. except work required under said Sections 7-1.08 and 7-1.09.

The full width of the traveled way shall be open for use by public traffic on Saturdays, Sundays and designated legal holidays, after 3:00 p.m. on Fridays and the day preceding designated legal holidays, and when construction operations are not actively in progress.

Designated legal holidays are: January 1st, Martin Luther King's birthday, February 12th, the third Monday in February, the last Monday in May, July 4th, the first Monday in September, November 11th, Thanksgiving Day, and December 25th. When a designated legal holiday falls on a Saturday or Sunday, the preceding Friday or the following Monday shall be designated the legal holiday.

The Contractor shall keep current and notify the local Police, Oroville Area Transit System (CATS), and Fire Departments of his construction operation and traffic control changes three (3) days before work is to begin or traffic changes are made. The Contractor shall at no time obstruct bus stops without prior written authorization from the City. The Contractor shall cooperate with local authorities relative to handling traffic through the area and shall make his own arrangements in keeping the work area clear of parked vehicles.

When leaving a work area and entering a roadway carrying public traffic, the Contractor's equipment, whether empty or loaded, shall in all cases yield to public traffic. Personal vehicles of the Contractor's employees shall not be parked on the traveled way or shoulders, including any section closed to the public.

Wherever the Contractor's operations obliterate pavement delineation (lane lines, either pavement markers or painted lane lines or both), such pavement delineation shall be replaced by either permanent or temporary delineation before opening the traveled way to the traffic. Temporary delineation shall consist of reflective traffic line tape applied in pieces not less than 12 inches long nor less than 4 inches wide spaced no more than 12 feet apart. Reflective traffic line tape shall be applied in accordance with the manufacturer's instructions. Temporary delineation shall be the same color as the permanent delineation. Full compensation for temporary delineation shall be considered as included in the prices paid for the work and no separate payment will be made.

### **WORK IN TRAFFIC AREAS:**

#### **Roadway Excavation**

At the end of each work day, or at the time pedestrian or vehicular traffic is allowed within the work area, conforms between existing pavement and an excavation, or within excavated areas shall have been constructed in accordance with the following:

- Where longitudinal excavations are within 5 feet of the traveled way, and there is a difference in elevation in excess of .2' between existing pavement and any excavated surface, or between excavated surfaces, material shall be placed against the vertical cuts at a maximum slope 4:1.
- At intersections where a difference in elevation greater than .08' exists perpendicular to the direction of travel, material shall be placed against the vertical cuts at a maximum slope of 8:1.
- Where a difference in elevation greater than .08' exists at the lip of gutter within a pedestrian pathway, material shall be placed against the vertical cut at a maximum slope of 8:1 to create a minimum 4' wide path of travel. Side slopes shall be a maximum slope of 3:1.

- Material placed for vehicular or pedestrian traffic shall be compacted sufficiently to provide a sound, traversable surface. During excavation operations, native material may be used for this purpose. However, once the placing of the structural section commences, structural material shall be used. A paper joint shall be used when conforming asphalt concrete surfaces. Treated base shall not be used for the conform. The Contractor shall be responsible for placing conforms, maintaining them in good repair, and for their subsequent removal and reshaping of the structural material to the lines and grades shown on the plans.

### Underground Pipe Installation

Trench excavation shall be brought flush with the pavement surface at the end of each work day and shall be maintained flush with the pavement continuously until the final pavement replacement is completed. Trench backfill shall be placed in accordance with the provisions of these specifications. If the final surface treatment is not completed a temporary surface treatment consisting of cold mix asphalt concrete shall be placed. The Contractor shall have on the job site prior to the start of any trench excavation sufficient cold mix material to complete all required trench repairs by the end of each day.

If the Contractor fails to provide the required trench repair, the City of Oroville will complete the necessary work to make the trench conform to the requirement of these specifications to ensure that it is safe for vehicular and pedestrian traffic and shall charge the Contractor for actual costs incurred.

The Contractor shall ensure and guarantee that any traffic control devices removed or damaged by his operation are reinstalled and in good repair before leaving the work site. Minor deviations from the requirements of this section concerning hours of work which do not significantly change the cost of work may be permitted upon the written request of the Contractor if in the opinion of the Engineer public traffic will be better served and the work expedited. Such deviations shall not be adopted until the Engineer has indicated his written approval. All other modifications will be made by contract change order.

Full compensation for furnishing, placing and maintaining warning lights, signal systems, message boards, and other traffic control equipment will be considered as included in the lump sum paid for, "Traffic Control," and no additional allowance will be made therefore. At any time during the course of construction, if in the judgment of the Engineer traffic flow is being unreasonably impeded within the vicinity of the project due to the project, the Engineer may issue a stop work order or issue a directive to the Contactor to make any necessary traffic control and/or work type and/or work schedule modifications as may be needed to alleviate traffic congestion. The Contactor shall be responsible for making any traffic control and/or work type and/or work schedule changes requested by the Engineer at no additional cost to the City.

In lieu of payment as extra work as specified in Section 7-1.08, "Public Convenience," the cost of installing and removing signs and sign covers, the cost of accommodating public traffic prior to commencing and during construction operations, the cost of furnishing pilot cars, drivers and flagmen, the cost of furnishing, installing, removing and maintaining sign, lights, flares, barricades, and other facilities for the safety, sole convenience and direction of public traffic through and around the work area, the cost of loading, hauling, unloading, erecting, maintaining and returning City-furnished signs, all as determined by the Engineer shall be considered as included in the lump sum price paid for "Traffic Control," and no additional compensation will be allowed therefore.

In lieu of Section 12-2.02, "Flagging Costs," the cost of furnishing all flagmen and guards to provide for passage of public traffic through the work under the provisions in Section 7-1.08, "Public Convenience," and Section 7-1.09, "Public Safety," shall be considered as included in the lump sum paid for "Traffic Control," and no additional payment will be allowed therefore.

b. Measurement and Payment: Maintenance and Control of Traffic (Traffic Control) (including signs) shall be measured lump sum. The contract lump sum price paid for Maintenance and Control of Traffic (Traffic Control) shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in providing Traffic Control, as shown on the plans, as specified in these Special Provisions, and as directed by the Engineer.

### **13. Construction Layout and Staking**

a. Description of Work: This work shall consist of furnishing and setting construction stakes and marks to establish the lines and grades required for the completion of the work as shown on the plans and as specified in the Standard Specifications and these Special Provisions. Also included in this work shall be the re-establishment of all control monuments as delineated on the plans.

The Contractor shall be responsible for re-establishing control monuments disturbed by his negligence at his expense. The Contractor shall not disturb existing monuments (e.g. property corners, centerline monuments, etc). The Contractor shall be responsible for re-establishing, at his/her own expense, existing monuments disturbed during construction in accordance with Professional Land Surveyors Act.

The contract drawings show sufficient control points and control lines as may be necessary for the Contractor to establish proper control for the work. An Auto CAD drawing will be made available to the Contractor such that radial stakeout of specific points can be preformed as needed. The Contractor shall check and verify the accuracy of all control and verify the accuracy of all control lines and shall report any and all discrepancies to the City prior to starting construction.

All contract work shall be constructed to conform to the lines and grades shown on the contract plans and the Contractor shall provide construction layout and staking for all items of work, including the following:

Alignments: One set of centerline reference stakes will be set at 50 foot intervals and at the beginning and end of all curves. The radius points for all curb returns at each intersection shall be set.

Street Grades: Blue tops shall be set to grade for subgrade and for finish rock grade at 50 foot intervals (25 foot intervals on vertical curves) and at all changes in grade.

Curb and Gutter: Stakes for curb and gutter shall be set no more than five foot from the proposed work and maximum of 50 feet intervals (25 foot in vertical curves and horizontal curves with a radius of less than 2000 feet) and at all changes in grade or alignment.

Sanitary Sewers and Storm Drains: Sanitary sewers and storm drains shall be staked on an appropriate offset from the centerline of pipe at 50 foot intervals on tangents and 25 foot intervals on all horizontal curves.

Manholes and Drop Inlets: All manholes, drop inlets, and the beginning and end of all curves or changes in alignment layout and grade shall be staked on an appropriate offset.

Bridges: A minimum of two bridge centerline reference stakes shall be required at each bridge approach. A minimum of two abutment/bent centerline reference stakes, clear of the area of construction, shall be required both upstream and downstream of each bridge element. The Contractor shall provide sufficient vertical elevation reference stakes for adequate vertical control of all elements of the bridge. Prior to commencing staking, the Contractor shall submit a proposed staking plan for the Engineer's review and approval.

The Contractor shall furnish to the Engineer two complete sets of all alignment layout and grade information for all construction staking. The City reserves the right to check any and all construction layout and staking made by the Contractor for control of any contract item of work.

All computations necessary to establish the exact position of the work from control points shall be made by the Contractor. All computations, survey notes, and other records necessary to accomplish the work shall be neat, legible and accurate. Copies of such computations, notes, and other records shall be furnished to the Engineer prior to beginning work that requires their use.

Construction stakes shall be removed from the site of the work when no longer needed.

The Contractor shall re-establish control points at the locations designated on the contract plans. Re-establishment shall be performed by a registered Civil Engineer or a licensed Land Surveyor. A minimum of three points referencing the control point shall be set, clear of construction, prior to the commencement of work. The control point shall be reestablished after construction is complete.

- b. Measurement: Construction layout and staking shall be paid for on a lump sum basis.
- c. Payment: The contract lump sum price paid for construction layout and staking shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in performing construction staking, as shown on the plans, as specified in these Special Provisions, and as directed by the Engineer.

#### **14. Clearing and Grubbing – Not Applicable**

#### **15. Remove Traffic Control System – Not Applicable**

#### **16. Grind and Remove Existing Roadway**

- a. Description of Work: Grind and Remove Existing Roadway shall consist of the removal of all existing roadway AC prior to Roadway Excavation and rough grading.

#### **17. Roadway Excavation**

- a. Description of Work: All earthwork shall conform to the provisions of Section 19, "Earthwork" of the Standard Specifications and these Special Provisions.

Roadway excavation shall consist of performing all operations necessary to excavate, remove and dispose earth, rock, existing asphalt and/or concrete and all other existing materials upon which the fill,

aggregate base, concrete or other material is to be constructed; to build embankment, in the location and to the elevation and form required; to backfill ditches and depressions caused by the removal of obstructions; to furnish all equipment necessary for these operations, and the performances of all incidental work of whatever nature that may be required to build the grade and maintain it in the form specified. Included in the work shall be all associated saw cutting of pavement, grading areas to drain, and the scarification and recompacting to 95% relative compaction of the top 6 inches of the subgrade.

**Surplus Material:** Unless otherwise shown on the plans or specified in the Special Provisions, surplus excavated material shall become the Contractor's property and shall be collected, hauled and deposited away from the project by the Contractor and shall be paid as a part of this item. Surplus material collected; hauled, and deposited away from the project shall be disposed of in accordance with the provisions in Section 7-1.13, "Disposal of Material Outside the Highway Right of Way", of the Standard Specifications. Recyclable surplus material and construction debris (earth material, asphalt and concrete) shall be disposed of at a City approved materials recycling facility established to accept such materials, such facility being located within the City limits.

- b. **Measurement:** Quantities of roadway excavation shall be measured on a lump sum basis.
- c. **Payment:** The contract lump sum price for roadway excavation shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in performing roadway excavation work completely including the saw cutting of pavement and grading areas to drain, excavating, slope rounding tops and ends of excavations, loading, hauling, depositing, spreading and compacting the material complete in place, preparing subgrade at the grading plane, and scarifying and compacting the top 6" of subgrade as shown on the plans and as specified in the Standard Specifications and these Special Provisions and as directed by the Engineer.

## **18. Aggregate Base**

- a. **Description of Work:** Aggregate Base shall conform to the provisions in Section 26, "Aggregate Bases" of the Standard Specifications and these Special Provisions. The maximum size of aggregate shall be three-quarters (3/4) inch as set forth in Section 26, or as specified by the Engineer. Aggregate Base shall be Class 2.
- b. **Measurement:** The quantity of aggregate base shall be measured on a lump sum basis.
- c. **Payment:** The contract lump sum price for Aggregate Base – Class #2 shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and doing all the work involved in constructing Aggregate Base, complete in place, as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.

## **19. Asphalt Concrete**

- a. **Description of Work:** Asphalt concrete shall conform to the provisions in Section 39, "Asphalt Concrete" of the Standard Specifications and these Special Provisions.

The contractor shall furnish a pneumatic tired roller to be used for intermediate rolling.

A paint binder (tack coat) of asphaltic emulsion shall be applied to the areas to be surfaced in accordance with Section 39-4 of the Standard Specifications. Prime coat will not be required on base rock. Asphaltic emulsion shall be type SS1 unless otherwise permitted by the engineer.

Asphalt concrete shall be Type A, PG70-10, 3/4" maximum, coarse grading for pavement lifts greater than 0.15 foot in thickness and 1/2" maximum coarse grading for lifts 0.15 foot in thickness and under, except that the surface course shall always be 1/2" maximum coarse grading, with an approximate oil content of 6 percent or as designated by the Engineer. Asphalt concrete shall be spread in the number of layers indicated in Section 39-6, "Spreading and Compacting" of the Standard Specifications and shall be compacted with approved equipment as delineated in the Standard Specifications.

b. Measurement: Asphalt concrete will be measured on a lump sum basis.

c. Payment: The lump sum contract price for asphalt concrete shall include full compensation for furnishing all labor, materials, tools and equipment and incidentals and for doing all the work involved in constructing asphalt concrete, complete in place, including application of paint binder (*tack coat*), as shown on the plans and as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.

## **20. Water**

a. Water: The Contractor shall furnish for use under these Special Provisions all water required and as set forth under Sections 10, 17, 19, and 25 of the Standard Specifications.

b. Measurement and Payment: The cost for furnishing water shall be considered as being included in the contract unit price paid for other items of work, and no separate payment will be allowed.

## **21. New Roadside Signs**

a. Description of Work: New roadside signs shall be installed at the locations shown on the plans or where directed by the Engineer, and shall conform to the provisions in Section 56-2, "Roadside Signs," of the Standard Specifications and these Special Provisions. Material for roadside sign posts shall be metal in accordance with Section 56-2.02A, "Metal Posts" of the Standard Specifications. Sign panels shall be furnished by the Contractor. All fasteners used for roadside signs shall be vandal proof. All roadsign sign strut posts shall be "breakaway" design per City standards.

All backgrounds, borders, letters, numerals, shields, and arrows on all permanent signs shall be constructed of encapsulated lens reflective sheeting. The reflective sheeting shall conform to the requirements for encapsulated lens sheeting as found in the most recent version of the California Department of Transportation publication, "SPECIFICATIONS FOR REFLECTIVE SHEETING ALUMINUM SIGNS". The Contractor shall provide certification that the sheeting not only conforms to Caltrans standards but also carries the manufacturer's ten year warranty.

b. Sign Sizes: All signs provided shall be Caltrans standard size unless otherwise noted on the plans.

c. Measurement: Roadside signs shall be measured on a lump sum basis.

d. Payment: The lump sum price paid for new roadside signs shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in installing roadside signs as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.

## **22. Relocate Roadside Signs**

a. Description of Work: Existing roadside signs shall be removed and relocated at new locations shown on the plans.

Each roadside sign shall be installed at the new location on the same day said sign is removed from its original location.

b. Measurement: Relocation of roadside signs shall be measured on a lump sum basis.

c. Payment: The lump sum price per each relocated roadside sign shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in relocating roadside signs as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.

## **23. Thermoplastic Traffic Stripes and Pavement Markings**

a. Description of Work: Thermoplastic Traffic Stripes (traffic lines) and Pavement Markings shall conform to the provisions in Sections 84-1, "General," and 84-2, "Thermoplastic Traffic Stripes and Pavement Markings," of the Standard Specifications and these Special Provisions.

Section 84-2.02, "Materials," and 84-2.03, "Manufacturing, Packing, and Labeling," of the Standard Specifications are deleted. All pavement markings shall conform to City of Oroville stencils. The Contractor shall provide thermoplastic with an alkyd binder.

The thermoplastic material shall conform to State Specifications 8010-21C-19. Glass beads to be applied to the surface of the molten thermoplastic material shall conform to the requirements of State Specification 8010-21C-22 (Type II), or AASHTO Designation: M 247 (Type I). State Specifications for thermoplastic material and glass beads may be obtained from the Transportation Laboratory, P. O. Box 19128, Sacramento, CA 95819, (916) 739-2400.

Thermoplastic material for traffic stripes shall be applied at a minimum thickness of 0.090 -inch. Thermoplastic material for traffic marking (crosswalks, arrows, "only", etc.) shall be applied at a minimum thickness of 0.120 inch.

b. Measurement: Thermoplastic Traffic Stripes and Pavement Markings shall be measured on a lump sum basis.

c. Payment: The lump sum price paid for thermoplastic traffic stripe and for thermoplastic pavement markings shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in pavement marking including layout work, complete in place, as shown on the plans, as specified in the Standard Specifications and these Special Provisions,

and as directed by the Engineer. Payment for pavement stripes having multiple lines shall be paid for by the lineal foot for all required lines.

## 24. Street Lighting

a. Description of Work: Street Lighting shall conform to the provisions in Section 86, "Signals and Lighting", of the Standard Specifications and these Special Provisions.

Street Lighting shall include the installation of foundations, light poles, mast arms, luminaires, installation of conduit, conductors, pull boxes and all other appurtenant work to complete the job as shown on the plans and as directed by the Engineer.

Luminaires: Luminaires shall be supplied by Contractor in accordance with the plans and City standards.

Poles and Mast Arms: Street light poles shall be supplied by Contractor in accordance with the plans and Special Provisions.

Foundations: Portland cement concrete shall conform to Section 90-10, "Minor Concrete", of the Standard Specifications and shall contain not less than 564 pounds of cement per cubic yard. Foundations shall be constructed in accordance with the Standard Specifications and these Special Provisions.

Conduit: The first paragraph in Section 86-2.05B, "Use," of the Standard Specifications is amended to read:

Conduit to be installed on the surface of poles or structures or other exposed locations shall be the rigid metal type. Exposed conduit installed on a painted structure shall be painted the same color as the structure.

The fourth sentence in the third paragraph in Section 86-2.05C, "Installation," of the Standard Specifications is amended to read:

When a standard coupling cannot be used for coupling metal type conduit, a UL listed threaded union coupling, concrete-tight split coupling or concrete-tight set screw coupling shall be used.

Insulated bonding bushings will be required on metal conduit.

Conduit runs shall be located where shown on the plans by trenching as provided below. All pull boxes shall be located behind the curb within the sidewalk or at the locations shown on the plans.

Unless otherwise specified on the plans, when rigid non-metallic conduit is placed in a trench (not under pavement) it shall be not less than 18 inches below grade in portland cement concrete sidewalk areas and 30 inches below finish grade in all other areas. The trench shall be backfilled with commercial quality concrete, containing not less than 376 pounds of cement per cubic yard, to not less than 4 inches

above the conduit before additional backfill material is placed. Excavations shall be backfilled in conformance with the provisions in Section 19-3, "Structure Excavation and Backfill" of the Standard Specifications.

At locations where conduit is to be installed under existing pavement conduit shall be placed by trenching as provided below.

**Trenching Installation of Conduit Under Existing Pavement:** Unless otherwise shown on the plans, conduit shall be placed under existing pavement in a trench approximately 2 inches wider than the outside diameter of the conduit to be installed. Trench shall not exceed 6 inches in width. Conduit depth shall not exceed 12 inches or conduit trade-diameter plus 10 inches, whichever is greater, except that at pull boxes the trench may be hand dug to required depth. The top of the installed conduit shall be a minimum of 9 inches below finish grade.

The outline of all areas of pavement to be removed shall be cut to a minimum depth of 3 inches with an abrasive type saw or with a rock cutting excavator specifically designed for this purpose. Cuts shall be neat and true with no shatter outside the removal area.

The conduit shall be placed in the bottom of the trench and the trench shall be backfilled with commercial quality concrete, containing not less than 376 pounds of cement per cubic yard, to not less than 0.10-foot below the pavement surface. The top 0.10-foot shall be backfilled with asphalt concrete produced from commercial quality paving asphalt and aggregates.

Spreading and compacting of asphalt concrete shall be performed by any method which will produce an asphalt concrete surfacing of uniform smoothness, texture, and density.

After conductors have been installed, the ends of conduits terminating in pull boxes and controller cabinets shall be sealed with an approved type of sealing compound.

In the event that trenching is done on driveways, curbs, sidewalks, or in the parkway, all landscaping and other affected ground cover and asphalt and concrete surfaces are to be replaced and restored to their original condition.

Pull Boxes shall be concrete No. 5 pull box as per the plans and Standard Specifications and State Standard Plan ES-8. Grout in the bottom of pull boxes will not be required. Recesses for suspension of ballasts will not be required. All pull boxes shall be located at the locations shown on the plan.

All affected landscaping, sidewalks, and driveways in parkway shall be restored to their original conditions after installation of pull box. Where concrete is to be removed it shall be removed at expansion joints or saw cut at score marks or as directed by the Engineer.

**Conductors and Wiring:** The Contractor shall leave approximately two feet of conductors coiled and exposed for each conduit run in each pull box. Conductors shall be spliced by the use of "C" shaped compression connectors as shown on the Standard Plans (ES-13). Insulation Method shall be Method B.

**Fused Splice Connections:** Splice connector fuse current ratings shall be shown on Standard Plan ES-14 except the minimum current rating shall be 5 amperes. A fused splice connection shall be made at each street light.

Service: The Contractor shall arrange with the serving utility to complete service connections for both temporary and permanent installations and the City will pay all costs and fees required by the utility.

Functional Testing: Functional Testing shall conform to the provisions in Section 86-1.14C, "Functional Testing," of the Standard Specifications and these Special Provisions.

The sixth paragraph in Section 86-2.14C, "Functional Testing," of the Standard Specifications is amended to read:

Except for new or modified lighting circuits, the City will maintain the system or systems during the rest period and will pay the cost of electrical energy for the operation of all of the facilities that are undergoing testing. The cost of any necessary maintenance performed by the City, except electrical energy, shall be at the Contractor's expense and will be deducted from any moneys due, or to become due the Contractor.

The functional test for each lighting system shall consist of not less than 14 days. If unsatisfactory performance of the system develops, the conditions shall be corrected and the test shall be repeated until the 14 days of continuous, satisfactory operation is obtained.

The Contractor's attention is directed to Section 7-1.16, "Contractor's Responsibility for the Work and Materials," of the Standard Specifications. The Contractor is responsible for repairing any damage to the work due to public traffic until acceptance of the work or relief of maintenance, as provided in Section 7-1.15, "Relief from Maintenance and Responsibility", of the Standard Specifications.

b. Measurement: Street lights, conduit, conductor and pull boxes shall be measured on a lump sum basis.

c. Payment: The lump sum price paid for streets lights, conduit, conductor and pull boxes shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in installing street light foundations, poles, mast arms, luminaires, ballasts, photoelectric controls, fused splices, appurtenant conduit between the street light and adjacent pull box, and all conductors extended from the pull box to the street light and internal to the street light pole, hook-up to existing service to provide for operation of the lighting system, and functional testing, including associated trenching, backfilling with concrete, and restoration of landscaping, as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.

## **25. Storm Drain Pipe**

a. Description of Work: The Contractor shall furnish for use as storm drain pipe HDPE. Pipe material shall not vary between structures. Existing pipes extending from structures shall be removed if new pipe being installed is of dissimilar material.

### Reinforced Concrete Pipe

HDPE pipe shall conform to the provisions in Section 64, "Plastic Pipe," of the Standard Specifications and these Special Provisions. Plastic pipe shall be Type S, unless otherwise shown on the plans.

b. Trench Excavation: Trench excavation shall conform to the provisions in Section 19-3, "Structure Excavation", of the Standard Specifications and these Special Provisions. The excavation for storm drain pipe shall not be made further in advance of laying the pipe than is practical to complete the pipe laying and backfill operation each day.

- i. Excavation for Laying Pipe: Pipe shall, unless otherwise directed, be laid in open cut. All trenches shall have vertical sides from the bottom to a point at least six (6) inches above the top of the pipe. Above this point in unstable ground, with the written consent of the Engineer, the trench may be sloped as directed. Trenches shall be six (6) inches minimum, wider on each side, or a total of twelve (12) inches minimum, wider than the exterior diameter of the pipe, exclusive of sockets. In the event that sheeting is required, the width of the trench shall be increased sufficiently to accommodate the sheeting. Sheeting shall not be driven below the invert grade of the pipe unless absolutely necessary due to ground conditions, as sheeting is to be removed in conjunction with the backfilling. If sheeting is driven below the invert grade as required above, it shall remain in place, except that portion two (2) feet above the top of the pipe, which shall be cut off and removed as the backfilling is completed.

When using movable trench support, care shall be exercised not to disturb the pipe locations, jointing or embedment. Any voids left in the embedment material by support removal shall be carefully filled with compacted granular material. Removal of any bracing between sheeting, trench boxes or shields shall only be done where backfilling procedures permit removal without loss of trench support. Any longitudinal movement or disjuncting of pipe which results from movement of trench boxes or shields shall be corrected before additional pipe is placed.

- ii. Trenches in rock: Every trench in rock shall be fully opened to a final depth at least thirty (30) feet in advance of any place where pipe is being laid. In rock the trench shall be carried six (6) inches below the external diameter of the pipe. Bedding material consisting of clean washed sand, with a maximum particle size of 1/4 inch, and with a minimum of 70 percent passing a No. 20 screen or graded sand and gravel with a maximum particle size of 3/4 inches conforming to the gradation requirements for Class 2 Aggregate Base per Section 26 of the Standard Specifications, shall be placed, spread and compacted to provide a firm uniform bed for supporting the pipe.
- iii. Soil Testing: Should soil conditions such as running water or unstable soils be encountered during trench excavation, the director may require testing in advance of excavation to determine the nature and extent of the conditions. After such determination is made, the Engineer may require modified trenching and embedment procedures, as required by soil conditions.
- iv. Preparation of Subgrade: The subgrade for pipe shall be so prepared that the entire length of each section of pipe shall have a firm and uniform bearing except for such distance as is necessary for bell holes and the proper sealing of the pipe joints. Bell holes below the elevations of the pipe subgrade shall not be larger than one-fourth (1/4) of the distance between pipe joints.

- v. Overcut: Excavations shall be carried to the exact depth indicated on the plans or as specified. Should the Contractor, through his or her negligence or other fault, excavate below the designed lines, he or she shall replace such excavation with approved materials at his own expense.
  - vi. Approval of Excavations: The contractor shall notify the engineer where excavations for structure or pipes are completed, and no concrete shall be deposited or pipes laid until the excavations are approved.
- c. Trench Backfill, Storm Drain: Trench backfill shall conform to the provisions in Section 19-3, "Structure Backfill", of the Standard Specifications and these Special Provisions.

vii. Reinforced Concrete Pipe and Cast In Place Concrete Pipe

(1) Public Right of Way (Streets, Easements, Alleys):

(a) Location: Any portion of the street right of way upon which aggregate sub-base, aggregate base, asphalt concrete or PCC curb and gutter will be constructed or which have existing improvements for vehicular traffic.

(i) Backfill material, from the bottom of the trench to the place two (2) feet below subgrade or bottom of Standard S-17, "Pavement Replacement" may consist of trench excavation free from stones and lumps exceeding three (3) inches in greatest dimension, vegetable matter, or other unsatisfactory material. The material shall be compacted to a relative compaction with the requirements of Section 19-3.06 of the Standard Specifications.

(ii) Backfill material from two (2) feet below subgrade or bottom of Standard S-17, "Pavement Replacement" to subgrade shall conform to, and be constructed in conformance with all the requirements of Section 19-3.06 of the Standard Specifications.

(b) Location: Remaining portions of new street right of way.

Backfill material and installation, from the bottom of the trench to finished grade, shall conform to the requirements of Paragraph (1)(a), as noted above.

(c) County Streets:

(i) Trench backfill in County Streets shall be done in accordance with the details shown on the plans.

(2) State Highways

(a) Location: Any existing State Highway and future State Highways or Freeways.

Backfill material shall conform to and be placed in accordance with details shown on the plans and the requirements of Section 19-3.06 of the Standard Specifications.

- viii. Polyvinyl Chloride and Polyethylene Pipe: Pipe bedding and shading material from the bottom of the trench to a plane one foot above the top of the plastic pipe shall be clean sand with a maximum particle size 1/4-inch and minimum of 70% passing a No. 20 screen, Class 2 aggregate base, 3/4" maximum grading, compacted to a relative compaction of not less than 95% or Slurry Cement Backfill as specified in Section 19-3.06 Slurry Cement Backfill of the Standard Specifications. Backfill material from a plane one foot above the top of the plastic pipe to subgrade shall meet the above requirements for reinforced concrete pipe.
  - ix. Slurry Cement Backfill: Slurry cement backfill as specified in Section 19-3.062 Slurry Cement Backfill may be used as backfill from the bottom of the trench to 2 inches below the finished pavement surface. Asphalt concrete, Type B shall be placed over the slurry cement backfill to finished grade. When slurry cement is used as backfill in this manner Type 17 pavement replacement shall not be required.
  - x. Disposal of Excess Material: Excess materials which have been excavated from trenches, and which cannot be utilized for backfill, shall be removed in accordance with the Special Conditions.
  - xi. Compaction: Compaction of backfilled material by ponding or jetting will not be allowed unless specifically authorized by the Engineer.
- d. Measurement: Storm drain pipe shall be measured on a lump sum basis.
- e. Payment: The lump sum price paid for storm drain pipe shall include full compensation for furnishing all labor, material, tools, equipment and doing all the work involved in installing pipe, complete in place, including structure excavation and structure backfill, including saw cutting and removal of existing pavement surfacing, and connecting new pipe to existing or new facilities, including concrete collars, concrete tees, concrete crossing cradles, and reinforcement as shown on the plans, as required by the Standard Specifications and these Special Provisions, and as directed by the Engineer.

## **26. Sanitary Sewer Pipe**

- a. Description of Work: The Contractor shall furnish for use as sanitary sewer pipe SDR 35 only. Pipe material shall not vary between structures. Existing pipes extending from structures shall be removed if new pipe being installed is of dissimilar material.
- b. Measurement: Sanitary sewer pipe shall be measured on a lump sum basis.
- c. Payment: The lump sum price paid for sanitary sewer pipe shall include full compensation for furnishing all labor, material, tools, equipment and doing all the work involved in installing pipe, complete in place, including structure excavation and structure backfill, including saw cutting and removal of existing pavement surfacing, and connecting new pipe to existing or new facilities, and including all materials and labor that may be necessary to connect to existing facilities as shown on the plans, as required by the Standard Specifications and these Special Provisions, and as directed by the

Engineer. Payment also includes any and all costs for bypass pumping needed to facilitate the safe completion of all sanitary sewer pipe replacement.

## **27. Portland Cement Concrete Drop Inlets**

a. Description of Work: Portland cement concrete drop inlets shall conform to the provisions in Section 51, "Concrete Structures," of the Standard Specifications and these Special Provisions.

Concrete drop inlets shall be Class "A" concrete as specified in Section 90, "Portland Cement Concrete," of the Standard Specifications.

Portland cement concrete drop inlets, frames, grates and coverplates shall be of the dimensions as shown on the City of Oroville, Department of Public Works Standards SD-02, and modifications to existing drop inlets as called for on the plans.

b. Measurement: The quantity of portland cement concrete drop inlets will be measured on a lump sum basis.

c. Payment: The lump sum price paid for each portland cement concrete drop inlet (SD-02) shall include full compensation for furnishing all labor, materials, tools, equipment, frame, grating and coverplate and doing all the work involved in constructing concrete drop inlets, including structure excavation and structure backfill, formwork, reinforcing steel, and concrete placement, complete in place, as shown on the plans, as required by the Standard Specifications and these Special Provisions and as directed by the Engineer.

## **28. Remove Existing Drop Inlet**

a. Description of Work: Removal of existing drop inlets shall conform to the provisions in Section 15, "Existing Highway Facilities", and these Special Provisions.

The drop inlet, including the base shall be demolished, removed, and backfilled in accordance with the provisions in Section 19-3.06, "Structure Backfill".

When drop inlets are removed and all pipes entering the drop inlet are left in place they shall be securely closed by a tight fitting plug of Class "A" or "B" concrete not less than 0.5 - foot thick, at both ends of the pipe.

Salvaging frames and grates shall conform to Section 15-2.05A of the Standard Specifications. Frames and grates shall be delivered to the City of Oroville.

b. Measurement and Payment: Full compensation for removing existing drop inlets including disposal and salvaging shall be considered as included in the contract lump sum price paid for clearing and grubbing and no additional payment will be made.

## **29. Sewer and Storm Drain Manholes**

a. Description of Work: Construction of sewer and storm drain manholes shall conform to the provisions in Section 70, "Miscellaneous Facilities" of the Standard Specifications and these Special Provisions.

b. Materials:

- i. Cast-in-Place Concrete: All materials used in cast-in-place concrete shall be Class B concrete in accordance with the applicable portions of Section 51 and 90 of the State Standard Specifications.
- ii. Precast Concrete Manhole Sections: All precast sections, including riser sections, cones, grade rings, and flat slab tops, shall conform to ASTM C478, and the dimensions as shown on City of Oroville, Department of Public Works, Standards SD-03 & SS-02. Grade rings shall be a standard product, manufactured particularly for use in manhole construction, sized to fit the cones on which they are to be placed, and the wall thickness shall not be less than that of the cones. Grade rings shall be not less than 2 inches, nor more than 6 inches high. All precast components shall have tongue and groove ends.
- iii. Manhole Frames and Covers: Principal dimensions shall be as shown on City of Oroville, Department of Public Works, Standard SD-04, SD-05, SS-05, & SS-06. Iron castings shall conform to ASTM A48, Class 30. Castings shall be of consistently high quality, and shall be free of material and manufacturing defects. Following cleanup and final machining, an asphaltic paint or similar protective coating shall be applied.

Covers shall have at least one blind pick hole or recessed lifting lug. Horizontal bearing surfaces shall be machined to smooth, plane surfaces providing for full contact between the frame and cover.

The approximate weight of the frame and cover shall be 276 pounds.

- iv. Joint Sealing Compound Components shall be RAM-NEK primer and joint sealing compound, KENT-SEAL primer and joint sealant, or approved equal.
- v. Manhole Water Stops shall be installed on PVC sewer pipe with stainless steel bands and rubber stops to make a watertight seal between the pipe wall and the concrete manhole base.
- vi. All manholes installed on existing sanitary sewers shall maintain uniformity of conduit inside diameter and material type throughout.

Mortar shall be proportioned with one part Portland Cement in two parts clean, well-graded sand which will pass a 1/8-inch screen. Admixtures may be used not exceeding the following percentages of weight of cement: Hydrated lime, 10 percent; diatomaceous earth or other inert materials, 5 percent. Consistency of mortar shall be such that it will readily adhere to the surfaces. Mortar mixed for longer than 30 minutes shall not be used.

c. Workmanship:

- vii. General Construction: Manholes shall be constructed only when the temperature is above 32 degrees Fahrenheit. All work shall be protected against freezing. Water shall be removed from the excavation and the excavation maintained "dry" during construction of the manhole and during the time required for the concrete or mortar to develop sufficient strength to resist rupture by groundwater pressure. All pipes connected to manholes shall have a joint within 2 feet of the manhole wall.

The subgrade for the manhole base shall be carefully prepared to provide a firm support for the manhole, and prevent future settlement of the manhole. Particular care shall be taken with deep manholes and manholes located in wet locations.

Manhole inverts shall be formed as shown on the Standard Details, either by laying pipe through and cutting out the top portion before completion of the base of the manhole, or by forming a "U" shaped channel in the concrete base slab. Cut edges of pipe laid through the manhole shall be fully covered by concrete when the manhole invert is complete. The finished invert shall be smooth and true to grade. No mortar or broken pieces of pipe shall be allowed to enter the sewer pipe.

A groove shaped to match the tongue of the first precast concrete riser section of the manhole shall be formed in the base slab. A circular metal form suited to the particular precast manhole manufacturer's joint shall be used to form the groove.

Except as specified herein, all precast manhole sections shall be set in joint sealing compound. Joint sealing compound components shall be applied in the field. One brush coat of primer shall be applied to the tongue and groove surfaces to be sealed, then the preformed strip of sealing compound shall be pressed firmly to the dry, clean, primed joint surface (groove portion). Precast sections shall be set evenly in a full bed of sealing compound. After the precast sections have been placed, the interior joint surface shall be trimmed smooth with a trowel or sharp tool to remove any excess joint compound projecting into the manhole. Grade rings may be set with mortar if necessary for adjustment of the final cover elevation. Mortar joints shall not be more than 3/4-inch thick. Excess mortar shall be trimmed flush. The outside of each mortar joint shall be sealed with an approved bituminous sealing compound. Prior to acceptance, sanitary sewer manholes shall be leak tested in accordance with City standards.

- viii. Installation of Frames and Covers in Roadways: Roadways are defined as the paved part of all roads, driveways, and parking areas, public or private, and in addition, the unpaved shoulders of public roads. Concrete collars shall be installed around frames of all manholes. Portland Cement Concrete shall be primed with an asphalt emulsion before it is overlaid with asphalt concrete.

After completion of the manhole, all plugs shall be completely removed from the sewers and all loose material shall be removed from the manhole.

- ix. Pipe Stubs for future connections shall be not more than 2 feet long and shall be plugged with standard gasketed caps for sanitary sewer construction and brick and mortar or

sacked concrete for storm drain construction unless otherwise shown on the plans or approved by the Engineer.

- d. Measurement: Sewer and Storm Drain manholes shall be measured on a lump sum basis.
- e. Payment: The contract price paid for each manhole constructed shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and doing all the work involved in constructing manholes, complete in place, including structure excavation, and structure backfill, manhole stubs, plugging existing pipes and connecting existing pipes to manholes, and setting the manhole frame and cover to finish grade, as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.

### **30. Trench Bracing**

- a. Description of Work: Attention is directed to the provisions of the Labor Code of the State of California beginning with Section 6500, and particularly Section 7605, concerning the design of shoring, bracing, sloping, or other provisions to be made for worker protection from the hazard of caving ground during the excavation of such trench or trenches.

Excavation for any trench five feet or more in depth shall meet all of the requirements of the Construction Safety Orders of the Department of Industrial relations of the State of California.

The Contractor shall be fully responsible for providing, installing and removing an adequate shoring system in accordance with the requirements of the Construction Safety Orders of the Department of Industrial Relations of the State of California and the Labor Code of the State of California, and the Contractor is solely responsible for the safety of the workers and the public.

Shoring systems, hereinafter called shoring, shall consist of adequate sheeting, lagging, cribbing, piling, bracing, jacks, sloping excavations and other operations and equipment involved in protecting workers from the hazard of caving ground during or resulting from trench and other excavations in accordance with the Construction Safety Orders. Insofar as possible, sheeting shall not extend below the bottom of pipe barrel. All sheeting, timbering, lagging, and bracing shall be removed during backfilling in such a manner as to prevent any movement of the ground or damage to the piping or structures, unless otherwise approved or required by the Engineer. When the Engineer requires that sheet piling, lagging, and bracing shall be left in place, such materials shall be cut off where designated and the upper part withdrawn. If steel sheet piling is utilized, it may be withdrawn, compaction to proceed as it is removed.

Excavations five feet or more in depth shall be supported in accordance with the requirements of the Construction Safety Orders or supported in accordance with an approved plan signed and approved by a Civil or Structural Engineer registered in the State of California.

Excavations less than five feet in depth may not be shored unless such excavations are made at hazardous locations or in types of soil where hazardous earth movement may be expected in accordance with the Construction Safety Orders of the State of California.

Shoring for sloping excavations as set forth on Plate C-24-b and Plate C-24-c of the Construction Safety Orders shall not be done except at locations where requested by the Contractor and permitted by the

Engineer. Permission to use shoring in accordance with said plates shall not constitute approval of that method of shoring, but shall be approved as to location only.

Not less than ten (10) days before beginning excavations requiring shoring, as specified herein, the Contractor shall designate a responsible supervising employee who shall be responsible for supervising the installation and removal of shoring.

In addition to the shoring requirements set forth herein, it shall be the Contractor's responsibility to provide any and all additional shoring required to support excavations which may fall or subside from the effects of loads which may exceed those contemplated by the Construction Safety Orders of the Department of Industrial Relations. The Contractor shall be responsible for any damages which may result from his failure to provide adequate shoring to support excavations under any condition of loading which may exist or arise during the construction of the project. Inspection of the performed work by the Engineer, or the approval of the completed work does not imply any approval or acceptance of the safety measures used by the Contractor. The Engineer shall not be responsible for shoring construction or for worker and public safety.

b. Measurement & Payment: Full compensation for all labor, tools, materials and incidentals involved in shoring excavations for structures and trenches shall be considered as included in the price paid for the structure or pipe and no additional compensation will be allowed.

Attention is directed to Section 6502 of the Labor Code requiring issuance of a permit. A copy of any permit issued pursuant to Section 6502 of said Code shall be delivered to the Engineer five days before the commencement of trench excavations 5 feet or more in depth.

### **31. Remove Concrete**

a. Description of Work: Removing concrete shall conform to the provisions in Section 15, "Existing Highway Facilities," of the Standard Specifications and these Special Provisions. Concrete removed shall be disposed of in accordance with the provisions in Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the Standard Specifications. Concrete shall be removed at expansion joints or by saw cutting at locations approved by the Engineer.

All excavated areas which remain after existing concrete is removed and new improvements are installed shall be filled with compacted topsoil to the grade of the adjacent ground and/or improvements. Said topsoil shall be free of any refuse, heavy or silt clay, hard dirt, clods, stones larger than one and one-half (1-1/2) inches in size, roots larger than three-quarters (3/4) of an inch in diameter, noxious weeds or other deleterious materials. Recyclable surplus material and construction debris (earth material, asphalt and concrete) shall be disposed of at a City approved materials recycling facility established to accept such materials, such facility being located within the City limits.

b. Measurement: Removal of existing concrete curb and/or gutter and/or sidewalk, shall be measured on a lump sum basis. Removal of existing concrete sidewalk and driveway shall be measured by the square foot.

c. Payment: The lump sum price paid for removal and disposal of existing concrete curb and/or gutter and the lump sum price paid for removal and disposal of existing concrete sidewalk and driveways shall

include full compensation for furnishing all labor, tools, materials and equipment, and for doing all the work involved, including saw cutting, backfill with topsoil, and disposal away from the job site, as shown on the plans and as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.

### **32. Miscellaneous Concrete Construction**

a. Description of Work: Curbs, gutters, sidewalks, handicap ramps, driveways, and bus shelter pads shall conform to the provisions in Section 73, "Concrete Curbs and Sidewalks," of the Standard Specifications and these Special Provisions.

Subgrade preparation shall conform to the provisions of Section 73-1.02 of the Standard Specifications. The Contractor shall be responsible for performing grading, including furnishing fill material and excavating, as necessary to establish finish grade for placement of concrete sidewalk, driveway, handicap ramp and bus shelter construction. Subgrade shall be compacted to a relative density of 95 percent in conformance with California Test Method No. 216.

Where concrete curb or curb and gutter is to be constructed in or adjacent to existing pavement the Contractor shall saw cut the existing pavement, remove existing structural section as required to complete the concrete installation, and upon completion of the concrete construction, place asphalt concrete and aggregate base between the new concrete and existing pavement.

No concrete shall be placed until the subgrade and forms have been reviewed for satisfactory compaction, alignment, and grade, and approved by the Engineer.

Premolded Expansion Joints, 1/2-inch-wide, shall be installed in all curbs, gutters, drive approaches, pedestrian ramps, and sidewalks as follows:

- x. As shown on City of Oroville Standards ST-06, ST-07, ST-10, ST-11, ST-12, ST-13, ST-14, ST-15, and ST-16.
- xi. At maximum 48-foot intervals in all new curb and gutter construction.

Control Joints, 1/8-inch-wide, scored at least 1/10 the depth of concrete being placed, shall be constructed at maximum 24-foot intervals in all new curbs, gutters, and sidewalks. Weakened plane joints shall be constructed in the ramps in accordance with the applicable provisions of Section 40-1.08(B) of the Standard Specifications.

Extruded curb, gutter and sidewalk construction shall not be used without prior approval by the Engineer.

Portland Cement concrete curbs and gutters, driveways, sidewalks, handicap ramps, and bus shelter pads shall be constructed at the location shown on the plans, or as directed by the Engineer, and shall conform to the details and dimensions as shown plans & on the following City of Oroville, Department of Public Works Standard Plans:

- (a) Standard ST-06, "Curb Gutter and Adjacent Sidewalk"

- (b) Standard ST-07, "Curb and Gutter-Rolled to Vertical"
- (c) Standard ST-08, "Street Cross Gutter"
- (d) Standard ST-09, "Curbed Entrance with Valley Gutter"
- (e) Standard ST-10, "Drive Approach with Park Strip"
- (f) Standard ST-11, "Drive Approach-No Park Strip"
- (g) Standard ST-12, "Pedestrian Ramp with Park Strip"
- (h) Standard ST-13, "Pedestrian Ramp-No Park Strip (with Landing)"
- (i) Standard ST-14, "Pedestrian Ramp-No Park Strip (No Landing)"
- (j) Standard ST-15, "Mid Block Pedestrian Ramp"
- (k) Standard ST-16, "Pedestrian Ramp-General Notes"

b. Materials:

- xii. Concrete: Construction of all sidewalks, handicap ramps, curbs, gutters and driveways shall be of Class "A" Portland Cement concrete as specified in Section 90, "Portland Cement Concrete" of the Standard Specifications, and shall conform to the provisions of Section 90-10, "Minor Concrete," of the Standard Specifications.
- xiii. Adhesives: Adhesives or bonding agents used to join new concrete to existing concrete shall be approved by the Engineer prior to use in the work.
- xiv. Lampblack: Lampblack of approved quality shall be mixed with all concrete used in the work at the rate of one pound per cubic yard of concrete.
- xv. Joint Filler: Premolded expansion joint filler shall conform to the provisions of Section 51-1.12C of the Standard Specifications.
- xvi. Dowels: Steel dowels, where specified, shall conform to the provisions of Section 51.1.13 and 52.1.02A of the Standard Specifications.
- xvii. Curing: The curing method of Portland Cement concrete shall conform to Section 90-7.01B of the Standard Specifications. The curing compound shall consist of the compound specified in Section 90-7.01B(4) of the Standard Specifications.

c. Measurement: Concrete curb and/or gutter, sidewalks, handicap ramps and driveways will be measured on a lump sum basis.

d. Payment: The lump sum price paid for installation of concrete curb and/or gutter, sidewalks, and handicap ramps shall include full compensation for furnishing all labor, tools, materials and equipment, and for doing all the work involved in installing curbs, gutters, sidewalks, driveways, bus shelter pads, and handicap ramps, including saw cutting existing pavement, removal of structural section material, providing fill material, placement of asphalt concrete adjacent to new concrete construction, grading and aggregate base under sidewalk, handicap ramp, bus shelter pad, and driveways, or aggregate base under curb and gutter, as shown on the plans as required by the Standard Specifications and these Special Provisions, and as directed by the Engineer.

### **33. Imprinted Color Concrete**

a. Description of Work: The work in this section shall be designated as Imprinted Color Concrete in the plans. The work shall include all labor, material, equipment and transportation required to complete the installation of the imprinted color concrete. Substitute material shall meet the requirements of Section 6-1.05 of the Standard Specifications, "Trade Names and Alternatives."

b. Definitions: Imprinted Color Concrete: A cast-in-place concrete slab, having the surface colored and imprinted with pattern and textured.

c. Related Work: To be completed by the Contractor:

xviii. Provide and place all concrete.

xix. Provide and apply all Color Hardener.

xx. Protect adjacent concrete not intended for coloring or imprinting.

xxi. Provide and apply all Release Agent.

xxii. Provide and apply imprinting tools in the proper pattern per specification.

xxiii. Outside edges of imprinted color concrete slabs shall be left uncolored except where indicated to be colored in the plans.

d. Products and Materials:

xxiv. Concrete Mix Design: The concrete shall have a minimum compressive strength of 4000 psi for the truck apron and 3000 psi for all other Imprinted Color Concrete. Portland cement shall conform to ASTM C 150, Type II. Aggregates shall conform to ASTM C 33. Mixing water shall be fresh, clean and potable. No admixtures containing calcium chloride are permitted.

xxv. Coloring & Imprinting: Per plans

e. Installation Procedures:

xxvi. The area to receive Imprinted Color Concrete shall have the sub-grade prepared in accordance with the plans

xxvii. Control joints shall be provided in accordance with the plans.

xxviii. The concrete shall be placed and screeded to the finished grade and floated to a uniform surface in the standard method.

xxix. Color Hardener shall be applied per manufacturer's recommendations. **Note areas adjacent to but not receiving coloration shall be protected during this process.**

xxx. Release Agent shall be applied evenly to the surface.

xxxi. While the concrete is still in the plastic stage of set, the imprinting tools shall be applied to make the desired impression to the surface. **Note areas adjacent to but not receiving imprinting shall be protected during this process.**

f. Measurement: Imprinted Color Concrete shall be measured on a lump sum basis and INCLUDES the quantities of concrete that are not to be colored or imprinted but are adjacent to and of the same thickness (not including sidewalks).

g. Payment: The lump sum price paid for Imprinted Color Concrete shall include full compensation for all labor, materials, tools, equipment, and incidentals, for furnishing and placing Imprinted Color Concrete, and protecting adjacent concrete from coloration or imprinting as shown on the plans, specified in these Special Provisions, and as directed by the Engineer.

## LANDSCAPE GRADING

### PART 1 - GENERAL

#### 1.01 WORK INCLUDED

- A. Provide all labor, materials services and equipment indicated on Drawings and/or herein specified to complete all Landscape Grading Work
- B. Landscape grading shall consist of importing and placing topsoil for landscape berming, establishing finish grade to conform to the contours, grades, line and shapes of finish grades established on the plans. Work may also include removal of existing road base materials (excavation of site soil for subsequent topsoil replacement) and loosening of compacted soils both from existing road and created during the course of construction.
- C. Land alteration of existing topographic conditions to conform to the contours, grades, lines and shapes indicated on Landscape Architect's plans.
- D. Contractor shall furnish, place and settle all required topsoil material to conform to the contours, grades, lines and shapes as indicated on the Drawings.

#### 1.02 RELATED WORK

##### 1. SECTION 02905 - **LANDSCAPE INSTALLATION**

#### 1.03 DEFINITIONS

- A. Finish grade: Finish grade: Finish grade shall mean the establishment of grades to .04 feet plus or minus.
- B. Grading intent: Spot elevations (grades) and contours are indicated based on the best available data. Civil Engineer's Drawings are referenced to provide site grading data. The intent is to maintain constant slopes between spot elevations. If a spot elevation is determined to be in error, or the difference in elevation between points change contact the City immediately for field adjustments of spot elevations.

#### 1.04 JOB CONDITIONS

- A. Visit the project site and examine the existing conditions under which the Work is to be performed. Note all conditions, as to character and extent of Work involved. This may include pot holing to determine depth of existing consolidated materials.

#### 1.05 EXISTING UTILITIES

- A. Contractor is responsible to contact U.S.A (800-642-2444) to stake and mark the location of all existing utilities before commencing Work. Pot hole as required to determine and verify location and depth.
- B. Retain and protect in operating condition all active utilities traversing the site designated to remain.

#### 1.06 PROTECTION OF EXISTING CONDITIONS and ADJACENT PROPERTIES

- A. Use all means necessary to protect existing conditions designated to remain, newly constructed conditions and adjacent properties. Avoid any encroachment on adjacent properties.
- B. Prevent damage to existing bench marks, pavement, utility lines. In the event of damage or loss immediately make all repairs and replacements required to the City's approval at no additional cost to the City.

#### 1.07 QUALITY ASSURANCE

- A. Finish grade shall conform to contours, grades, lines and shapes, as indicated on Drawings, with uniform slopes between finish grades or between finish grades and existing grades.
- B. Establish finish landscape grades in a continuous, uniform line, resulting in a uniform surface with no ridges, bird baths or low spots.
- C. Finish landscape grade tolerance shall be .04 feet plus or minus of final grades indicated on Drawings.
- D. Slope grade away from buildings a minimum of two (2) percent in five (5) feet horizontal distance unless otherwise indicated on Drawings, or Architect's plans.

#### 1.08 SUBMITTALS

- A. Provide one (1) cubic foot sample of import topsoil material for the Landscape Architect's approval prior to delivery to the site, but in any case, prior to placement.
- B. Provide horticultural soils report of submitted topsoil including information on soil texture, filtration rate, nutrient levels and organic matter. Include recommendation for amendment to be added to topsoil to mitigate any deficiencies.

### PART 2 - PRODUCTS

#### 2.01 IMPORTED TOPSOIL MATERIAL

- A. Imported topsoil material shall be of friable sandy-loam texture free of refuse, roots, heavy or stiff clays, rocks over 1" in diameter , 15% by volume rock between 1/8" and 1", sticks, other deleterious matter.
- B. Imported topsoil acidity range (Ph) shall be between 6.5 to 7.5, containing a minimum of 4% and a maximum of 25% organic matter.

- C. Imported topsoil shall be free of all noxious weeds and other seeds.
- D. Imported topsoil shall be amended as per soils report (refer to paragraph 1.08 B), at no additional cost to City.
- E. Topsoil shall be stock piled on site in an area free of rock and other deleterious materials. City reserves the right to reject topsoil once placed in proper location per Part 3 if deleterious materials mixed in to topsoil.

## PART 3 - EXECUTION

### GENERAL

- 3.01
  - A. Conduct work in an orderly manner. Dirt shall not be permitted to accumulate on streets or sidewalks nor to be washed into storm drains.
  - B. Use all means required to prevent the erosion of freshly graded areas during construction and until such a time as proposed hard surfaces and landscaping have been constructed.

### 3.02 IMPORT TOP SOIL PLACEMENT

- A. Till by mechanical means the engineer's rough grade prior to placement of topsoil. Compact tilled rough grade to 85% relative density.
- B. Soil shall be approved import topsoil. Soil shall be imported as required to establish finish grade per the landscape grading plan. Allow for settling.
- C. Install Import topsoil in 4" lifts. Compact to 85% relative density. Allow for settling.
- D. Place Import topsoil to contours indicated on Landscape plans to create landscape berming.
- E. Place Import topsoil in any way as indicated on plans

### 3.03 FINISH LANDSCAPE GRADING

- A. Finish grade shall conform, after settling, to shapes, spot elevations and contours as indicated on Architect's Drawings, with uniform levels or slopes between finish elevations or between finish elevations and existing elevations.
- B. Fine grade all planting areas to a smooth, loose and uniform surface. Remove all extraneous matter 1" or larger in size and dispose of off site to create a smooth surface. Finish grades shall slope to drain, without water pockets or irregularities (humps or hollows). Grades shall be or uniform slope between points of fixed elevation establishing vertical curves or roundings at abrupt changes in slope.
- C. Shrub/ground cover planting areas shall be graded two and one-half (2-1/2) inches below adjacent paved areas, sidewalks, valve boxes, headers, drains, etc. in order to receive two (2) inch depth of mulch, establishing final grade one-half (1/2) inches below these surfaces.

- D. Sod areas shall be graded one and one half (1-1/2) inches below adjacent paved areas, sidewalks, valve boxes, headers, drains, etc. in order to receive sod.

### 3.04 FINISH LANDSCAPE GRADING OBSERVATION

- A. Soil preparation: comply sixth SECTION 02905 - LANDSCAPE INSTALLATION prior to finish grading operations
- B. Finish grade shall conform, after compaction, to shapes, spot elevations and contours as indicated on Drawings, with uniform levels or slopes between finish elevations or between finish elevations and existing elevations.
- C. The Contractor is responsible to spread excess excavated soil material from plant pits in surrounding planting beds.
- D. Fine grade topsoil in all planting areas eliminating rough and low areas to insure positive drainage, to a smooth, loose and uniform surface. Maintain levels, profiles and contours of sub-grades.
- A. Remove stones, roots, grass, weeds, debris and other foreign material while spreading, in excess of one inch in diameter.
- F. Shrub/ground cover planting areas shall be graded two and one-half (2-1/2) inches below adjacent paved areas, sidewalks, valve boxes, headers, drains, etc. in order to receive two (2) inch depth of mulch, establishing final grade one-half (1/2) inches below these surfaces

## PART 4- MEASUREMENT AND PAYMENT

### 4.01 MEASUREMENT:

- A. Import Topsoil shall be measured on a lump sum basis for topsoil to be placed.
- B. Landscape Finish Grading shall be measured on a lump sum basis for topsoil to be placed.

### 4.02 PAYMENT:

- A. The lump sum price paid for Import Topsoil shall include full compensation for all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in Landscape Grading, as shown on the plans, as specified in the Standard Specifications, and these Special Provisions, and as Directed by the Landscape Architect.
- B. The lump sum price paid for Landscape Finish Grading shall include full compensation for all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in Landscape Grading, as shown on the plans, as specified in the Standard Specifications, and these Special Provisions, and as Directed by the Landscape Architect.

**END OF SECTION**

SECTION 02905-5

## LANDSCAPE IRRIGATION

### PART 1 - GENERAL

#### 1.01 CONDITIONS

- A. The general provisions of the Contract, including General and Supplementary Conditions and General Requirements (if any) apply to the work specified in this Section.

#### 1.02 SCOPE OF WORK

- A. Furnish all labor, materials, processes, and equipment necessary to complete the irrigation system work as indicated on the Drawings and specified herein.
- B. Test the entire irrigation system to assure proper operation.
- C. Furnish all labor, materials, and equipment necessary to restore all disturbed areas resulting from the work as indicated on the Drawings and specified herein.
- D. All incidental parts, which are not shown on the plans or specified herein and are necessary to complete or modify the existing system shall be furnished and installed as though such parts were shown on plans or specifications. All systems shall be in satisfactory operation at the time of completion.
- E. Related work specified in other sections:
  - 1. Section 02260 – SITE LANDSCAPE GRADING
  - 2. Section 02905 – LANDSCAPE INSTALLATION
  - 3. Section 02970 – LANDSCAPE MAINTENANCE

#### 1.03 QUALITY ASSURANCE & REQUIREMENTS

- A. Permits and Fees: The Contractor shall obtain and pay for all permits and all observations as required.
- B. Manufacturer's Directions: Manufacturer's directions and detailed Drawings shall be followed in all cases where the manufacturers of articles used in this Contract furnish directions covering points not shown in the Drawings and Specifications
- C. Ordinances and Regulations
  - 1. All local, municipal and state laws, rules and regulations governing or relating to any portion of this work are hereby incorporated into and made a part of these Specifications and their provisions shall be carried out by the Contractor. Anything contained in these Specifications shall not be construed to conflict with

any of the above rules and regulations or requirements of the same. However, when these Specifications and Drawings call for or describe materials, workmanship, or construction of a better quality, higher standard, or larger size than is required by the above rules and regulations, the provisions of the Specifications and Drawings shall take precedence.

2. The materials and work of this section shall conform to all applicable provisions of the latest editions of the Uniform Plumbing Code, the National Electrical Code, and all codes properly governing the materials and work at the project site.
3. All electrical materials and work shall conform to California Administrative Code, Title 23, Part 3, Basic Electrical Regulations, and Article 18 E 110-16.

#### D. Explanation of Drawings

1. The drawings are diagrammatic; not all offsets, fittings, sleeves, main line, lateral, etc., which may be required are shown on plans. Carefully investigate the structural and finish conditions affecting all of the work and plan the work accordingly furnishing such fittings; etc., as may be required to meet such conditions. Drawings are generally diagrammatic and indicative of the work to be installed. Due to the scale of the Drawings, it is not possible to indicate all offsets, fittings, sleeves, etc., which may be required to complete the irrigation system.
2. Before proceeding with any work, the Contractor shall check and verify all dimensions and quantities, pressures and flows and shall immediately inform the City of any discrepancy between the drawing and/or the Specifications and actual conditions. No work shall be done in any area where there is such a discrepancy until the City has given written approval for the same. The Contractor shall assume full responsibility for work installed without approval.
3. The materials and work shall be installed in such a manner as to avoid conflicts between irrigation system and planting, existing or proposed utilities, and all other construction features.
4. Contractor shall verify prior to and during construction, that his contract documents reflect the latest revisions, change orders, and plan checks. Contractor shall be able to produce such documents at the request of the City.
5. Pipe sizes indicated on the Drawings are minimum allowable.

#### 1.04 EXISTING CONDITIONS

- A. The Contractor shall notify members of U.S.A. two (2) working days in advance of performing any excavation work by calling the toll-free number 1-800-542-2444. The contractor shall verify the locations of existing utilities identified by U.S.A. with the as-built plans for the project area. The Contractor shall inform the City of any discrepancies before construction begins.

- B. Information on the Drawings relative to existing conditions is approximate only. Deviations found necessary during construction to conform to actual conditions, as approved by the City, shall be made without additional cost.
- C. Where it is necessary to excavate in areas of existing utilities, the contractor shall pothole to confirm exact locations of existing utilities. Exercise extreme care in excavating and working near existing utilities. The Contractor shall be responsible for all damages to existing utilities that are caused by his operation or neglect. In case of interruption of utilities caused by the contractors operations or neglect, the contractor shall be responsible to have the utilities in service as soon as possible and in no case shall the interruption be longer than a 24-hour period. In such case that the contractor needs more than 24-Hours, prior approval shall be acquired from the City in writing.
- D. Excavation in proximity to existing trees shall conform to the Tree Protection Measures per the Drawing notes.
- E. The Contractor shall be responsible to retain and protect existing irrigation and landscape and to replace or repair, as needed any area disturbed by his work to equal or better condition.

#### 1.05 SUBMITTALS

##### A. Material List

1. Contractor shall furnish the articles, equipment, materials, or processes specified by name in the Drawings and Specifications. Product names are used as standards only; other materials or methods shall not be used unless approved in writing by the City. Burden of proof as to equality of any proposed material shall be on the Contractor; the City's decision is final. Only one request for substitution shall be considered for each item. Equipment capacities specified are minimum acceptable.
2. The Contractor shall submit six (6) copies of the complete material list for approval prior to performing any work. The product literature shall identify the products specified by name in the Drawings and Specifications and shall clearly identify the manufacturer name and model number of all materials and equipment to be used.
3. The material list shall include submittals for the following products:
  - a. Backflow Preventer
  - b. Backflow Enclosure
  - c. Controller
  - d. Controller Enclosure
  - e. Rain/Freeze Sensor
  - f. Isolation Valves
  - g. Quick Coupler Valves
  - h. Master Valve and Flow Sensor Assembly

- i. Remote Control Valves
  - j. Irrigation Valve Boxes
  - k. Pop-Up Sprinklers
  - l. Rotator Nozzles
  - m. Sprinkler Riser Assemblies
  - n. On-Surface Dripperline
  - o. Line Flush Valve
  - p. Air/Vacuum Relief Valve
  - q. PVC Main Line
  - r. PVC Lateral Pipe
  - s. PVC Sleeving Pipe
  - t. PVC Electrical Conduit
  - u. PVC Fittings
  - v. PVC Solvent Cement and Primer
  - w. Electrical Pull Boxes
  - x. Remote Control Valve Wire
  - y. Water Proof Wire Connectors
  - z. Valve Tags
  - aa. Detectable Tape
4. The contractor shall provide additional submittals as required for products not listed above but which are used on site. Product approval is required before installation.
  5. Equipment or materials installed or furnished without prior approval shall be rejected and the Contractor shall be required to remove such materials from the site at his own expense.
  6. Approval of any item, alternate or substitute indicates only that the product or products apparently meet the requirements of the Drawings and Specifications based on the information or samples submitted.

#### B. Record Drawings

1. The Contractor shall dimension from two (2) permanent points of reference, building corners, sidewalks, or road intersections, etc., the location of the following items:
  - a. Connection to waterlines.
  - b. Connection to electrical power
  - c. Backflow Preventer
  - d. Irrigation Controller
  - e. Isolation Valves
  - f. Master Valve
  - g. Quick Coupler Valves
  - h. Remote Control Valves
  - i. Routing of irrigation pressure lines (dimension maximum 100' along routing.)
  - j. Routing of potable water lines (dimension maximum 100' along routing.)
  - k. Routing of conduit

- l. Electrical pull boxes and splice boxes
- m. Other related equipment as directed by the City.

- 2. On or before the date of the final observation, the Contractor shall deliver the corrected and completed reproducible as-built plan and digital media to the City. Delivery of these shall not relieve the Contractor of the responsibility of furnishing required information that may be omitted from the plans or digital media. Reproducible plans or digital media may be obtained for said use from the City.

#### C. Controller Charts

- 1. The City shall approve Record Drawings before the controller chart is prepared.
- 2. Provide one (1) controller chart for each controller supplied.
- 3. The chart shall show or explain the area controlled by the automatic controller and shall be the maximum size that the controller door will allow.
- 4. The chart shall be either a reduced drawing or a written description of the actual record drawing system. In the event the controller sequence is not legible, which the drawing is reduced, it shall be enlarged to a size that is readable.
- 5. When completed and approved, the chart shall be hermetically sealed between two (2) pieces of plastic, each piece being a minimum ten (10) mils thick.
- 6. The controller chart shall be completed and approved prior to final observation of the irrigation system.

#### D. Operation and Maintenance Manuals

- 1. Prepare and deliver two (2) operation and maintenance manuals as specified herein. Such a manual should include manufacturer's literature, parts list or information compiled by contractor for the project. Submit draft copies to Landscape Architect for review and suggested editing before compiling final copy. Final acceptance of Landscape work shall not occur until Operation and Maintenance manual is complete, and acceptable to Landscape Architect.
- 2. Product information sheets, parts sheets, operational and maintenance manuals on material and equipment installed under this contract including but not limited to:
  - a. Backflow Preventer and Enclosure
  - b. Irrigation Controller and Enclosure
  - c. Rain/Freeze Sensor
  - d. Isolation Valves
  - e. Master Valve and Flow Sensor Assembly
  - f. Quick Coupler Valves
  - g. Remote Control Valves
  - h. Pop-Up Sprinklers
  - i. Rotator Nozzles

- j. Spray Nozzles
- k. Sprinkler Riser Assemblies
- l. On-Surface Dripperline
- m. Air Relief Valve
- n. Line Flush Valve

3. Guarantee Statement for Irrigation System.

4. Backflow Certification Document.

E. The above-mentioned material submittals, record drawings, controller charts, operations and maintenance manuals, guarantee statement for irrigation system, and backflow certification certificate shall be turned over to the City at the conclusion of the project. Before final observation can occur, written evidence that the City has received submittals must be provided to the City.

#### 1.06 Equipment to be Furnished:

A. Irrigation Products to be Furnished

1. Supply as a part of this Contract the following tools:

- a. Two (2) sets of special tools required for removing, disassembling and adjusting each type of sprinkler, valve and valve box supplied on this project.
- b. Two (2) lock and key sets for Electrical Metered Pedestal, Controller Enclosure and Backflow Enclosure on project, keyed to owners specifications.
- c. Two (2) keys for each automatic controller.
- d. Two (2) quick coupler keys and matching hose swivels for each type of quick coupling valve installed.
- e. Two (2) 5/4" isolation valve opening keys
- f. One (1) Pro-Max hand held remote kit

B. The above-mentioned equipment shall be turned over to the City at the conclusion of the project. Before final observation can occur, written evidence that City has received materials must be provided to the City.

#### 1.07 PRODUCT DELIVERY, STORAGE AND HANDLING

A. Handling of PVC Pipe and Fittings: The Contractor is cautioned to exercise care in handling, loading, unloading, and storing of PVC pipe and fittings. All PVC pipe shall be transported in a vehicle that allows the length of pipe to lie flat so as not to subject it to undue bending or concentrated external load at any point. Any section of pipe that has been dented or damaged will be discarded and if installed replaced with new.

#### 1.08 CROSS CONNECTION CERTIFICATION

- A. Certification for the backflow preventer shall be made in accordance with all applicable codes and regulations. A certified AWWA Cross Connection Specialist or an approved agent of the Water Purveyor or an approved agent of the City shall perform the backflow certification.

#### 1.09 CONTRACTOR'S QUALIFICATION

##### A. Performance Qualifications:

1. The Landscape Contractor shall have a minimum of three (3) equivalent jobs of similar complexity completed in the last ten (10) years.
2. The Landscape Contractor shall furnish qualifications to the General Contractor to be included in the proposal form due at the bid opening date. Burden of proof as to qualifications of the Landscape Contractor shall be on the Contractor; the City's decision is final.

##### B. Cross Connection Specialist Qualifications:

1. The Cross Connection Specialist shall be in possession of a current AWWA Backflow Prevention Assembly General Tester Certificate or a Cross Connection Control Specialist Certificate (Grade I).
2. The Contractor shall furnish qualifications for the Cross Connection Specialist to be included in the irrigation product submittal package prior to the start of work. Burden of proof as to qualifications of the Cross Connection Specialist shall be on the Contractor; the City's decision is final.

#### 1.10 GUARANTEE

- A. The guarantee for the irrigation system shall be made in accordance with the form shown on the next page. A copy of the guarantee form shall be included in the operations and maintenance manual. The guarantee form shall be re-typed onto the Contractor's letterhead and contain the following information:

**GUARANTEE FOR IRRIGATION SYSTEM**

We hereby guarantee that the irrigation system we have furnished and installed is free from defects in materials and workmanship, and the work has been completed in accordance with the Drawings and Specifications, ordinary wear and tear and unusual abuse or neglect excepted. We agree to repair or replace any defects in material or workmanship, which may develop during the period of one (1) year from date of final acceptance and also to repair or replace with originally specified materials. Any damage resulting from the repairing or replacing of such defects shall be replaced and repaired by the contractor at no additional cost to the City. We shall make such repairs or replacements within a 48-hour period, after receipt of written notice. In the event of our failure to make such repairs or replacements within said period of time after receipt of written notice from the City, we authorize the City to proceed to have said repairs or replacements made at our expense and we will pay the costs and charges therefore upon demand.

PROJECT: \_\_\_\_\_

LOCATION \_\_\_\_\_

SIGNED: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE: \_\_\_\_\_

DATE OF ACCEPTANCE: \_\_\_\_\_

## **PART 2 PRODUCTS**

### **2.01 MATERIALS**

General: Use only new materials of brands and types noted on the Drawings specified herein or approved equals.

#### **A. Backfill Material**

1. Existing site material, if approved by the City, shall be used for backfill material. Backfill material shall be free from organic materials, large clods of earth or rocks larger than one (1) inch diameter, trash, debris, rubbish, broken cement, asphalt material or other objectionable substances.
2. Existing onsite excavated surplus material not required for fill material or topsoil shall be removed and legally disposed of off site.
3. Imported backfill material shall be clean soil consisting of earth, sand, sandy clay, loam or other approved materials, with no large clods of earth or rocks larger than one (1) inch diameter.
4. Sand backfill shall be a fine, granular sand material backfill containing no foreign matter larger than one-half (1/2) inch in size.

#### **B. Drainage Fill Material**

1. Drainage fill material shall be three-quarter (3/4) inch washed, hard and durable, fragments of screened or broken stone or gravel.

#### **C. Irrigation Pipe Sleeving**

1. Irrigation sleeve six (6) inch diameter and smaller shall be PVC Schedule 40 with solvent-weld joints.
  - a. Pipe shall be made from NSF approved Type I, Grade I, PVC compound conforming to ASTM resin specification D1785. All pipes shall meet requirements set forth in Federal Specification PS-21-70. (Solvent-weld Pipe)
2. Irrigation sleeve eight (8) inch diameter and larger shall be corrugated water tight HDPE with integrally smooth interior wall.
  - a. HDPE shall be made from high-density polyethylene with an integrally formed smooth interior conforming to AASHTO M252, AASHTO M294, Type S.

#### **D. PVC Pressure Main Line Pipe and Fittings.**

1. Pressure main line piping for sizes two and one half (2-1/2) inches and larger shall be PVC Class 315 pipe. Pipe shall be made from an NSF (National Sanitation Foundation) approved Type I, Grade I, PVC compound conforming to

ASTM resin specification D2241. All pipes shall meet requirements as set forth in Federal Specification PS-22-70, with an appropriate standard dimension ratio (S.D.R. Pipe).

2. Pressure main line piping for sizes two (2) inch and smaller shall be PVC Schedule 40 with solvent-weld joints. Pipe shall be made from NSF approved Type I, Grade I, PVC compound conforming to ASTM resin specification D1785. All pipes shall meet requirements set forth in Federal Specification PS-21-70. (Solvent-Weld Pipe).
3. Main line fittings shall be PVC Schedule 40 solvent-weld fittings, 1-2; II-I NSF approved conforming to ASTM D2466.
4. All PVC pipe shall be marked continuously and permanently with the following information: Manufacturer's name, nominal pipe size, schedule or class of pipe, pressure rating in P.S.I. extrusion, NSF approval and date of extrusion.
5. All fittings shall bear the manufacturer's name or trademark, material designation, size, applicable I.P.S. schedule and NSF seal of approval.
6. All offsets shall be a minimum one (1) inch unless contractor receives written approval from the City.

#### E. PVC Non-Pressure Lateral Line Piping

1. Non-pressure buried lateral line piping shall be PVC Schedule 40 with solvent-weld joints.
  - a. Pipe shall be made from NSF approved, Type I, Grade II, PVC compound conforming to ASTM resin specification D1785. All pipes shall meet requirements set forth in Federal Specification PS-21-70.
2. PVC solvent-weld fittings shall be Schedule 40, 1-2; II-I NSF approved conforming to ASTM D2466.
3. Solvent cement and primer for PVC solvent-weld pipe and fittings shall be of the type and installed by the method specified by the manufacturers for each type of pipe.
4. All offsets shall be a minimum three-quarter (3/4) inch unless otherwise noted or contractor receives written approval from the City.

#### F. Concrete

1. ASTM Class B concrete shall be used for fill concrete.
2. Concrete shall have a 3,000-PSI compressive strength at 28 days and shall have maximum water to cement and dispersing agent ration of 56%. Concrete shall have a minimum cement content of 470 lbs. (5 bags) per cubic yard concrete. Nominal maximum size of coarse aggregate shall be three-quarter (3/4) inch.

G. PVC Threaded Nipples:

1. PVC Schedule 80 nipples shall be produced from extruded stock grade PVC compounds
2. PVC Schedule 80 nipples shall be made from NSF approved PVC compound conforming to ASTM D1784, Cell Classification 12454B

H. Backflow Preventer and Enclosure

1. The Backflow Preventer and Enclosure shall be of size and type shown on the Drawings.

I. Irrigation Controller and Enclosure

1. Irrigation Controller and Enclosure shall be of size and type shown on the Drawings.

J. Gate Valves

1. Gate valves shall be of the same type, manufacturer and sizes as indicated on the Drawings and/or as specified herein or approved by the City.
2. Gate valves 2 1/2" and smaller shall be 125 lb. SWP bronze gate valve with screw-in bonnet, non-rising stem, solid wedge disc and threaded ends. Gate Valves shall be equipped with a cast bronze cross handle.

K. Quick Coupling Valves

1. Quick coupling valves shall have a brass two-piece body designed for working pressure of 150 P.S.I. operable with quick coupler key. Key size and type shall be as shown on the Drawings

L. Electric Remote Control Valves

1. Remote control valves shall be of the same type, manufacturer and sizes as indicated on the Drawings and/or as specified herein or approved by the City.
2. Remote control valves shall have a glass-filled nylon construction with a flow control and manual bleed capability.
3. Remote control valves shall be in the normally closed position.
4. All remote control valves shall have a valve identification tag with controller and valve number printed on both sides.

M. Remote Control Valve Wire

1. Connections between the Irrigation Controller and the electric control valves shall be solid, single conductor copper wire, 4/64-inch insulation, 4/64-inch neoprene jacket, direct burial or equal. Verify gauge of wire required with controller manufacturer's recommendations and length of run. In no case shall the common wire size be less than 12 gauge and the pilot wires be less than 14 gauge.
2. Common and pilot wires shall be a different color for each controller
3. Controller 'A' common wire shall be white and pilot wires shall be red.
4. Spare common wire shall be white with yellow stripe and spare pilot wires shall be yellow.
5. All control valve wire splices shall be made with Dri-Splice 400, 3M DBY, or approved equal.
6. There shall be no splices between controller and valves less than 500'.
7. All splices shall be placed in a plastic box Carson 1419-Gray with a bolt down lid or approved equal. All wire splices shall be identified with the controller and valve number at both ends.

#### N. Master Valve and Flow Sensor Assembly

1. Master Valve and Flow Sensor Assembly shall be of size and type shown on the Drawings.
  - a. Master valve wire and flow sensor cable per manufacturers specifications

#### O. Marking and Identification

1. Detectable marking tape shall consist of a minimum 5.0 mill (0.0050") overall thickness; five-ply composition; ultra-high molecular weight; 100% virgin polyethylene; acid, alkaline and corrosion resistant.
  - a. Tape shall have a 20-gauge (0.0020") solid aluminum foil core, encapsulated within 2.55 mil (0.00255") polyethylene backing.
  - b. The tape width for main line pipe sizes four (4) inch and smaller shall be three (3) inch and for main line pipe sizes six (6) inch and larger shall be six (6) inch.
  - c. Color and legend combinations per plans and details.
2. Valve identification tags shall be manufactured by T. Christy and shall have the controller and valve number printed on both sides.
3. Backflow history tags shall be manufactured by T. Christy; model number per plan.

#### P. Irrigation Heads

1. All irrigation heads shall be of the same size, type and deliver the same rate of precipitation with the diameter (or radius) of throw, pressure, and discharge as shown on the plans and/or specified herein, or approved by the City.
2. Rotator and Spray heads shall have matched precipitation rate nozzles.
3. All irrigation heads of similar functions shall be of common manufacture and shall be marked with the manufacturer's name and model identification in a position where they may be identified without being removed from the system.

Q. Valve Boxes

1. Remote Control Valve Boxes for valve sizes 1-1/2" and 2" shall be green rectangular valve boxes 17-3/8" x 23-7/8" x 12", Carson model 1220-4 with Bolt-Down Loc Kit or approved equal.
2. Remote Control Valves Boxes for valve sizes 1" shall be green rectangular valve boxes 14-1/2" x 19-1/2" x 12-1/4", Carson model 1419-4 with Bolt-Down Loc Kit or approved equal.
3. Remote Control Valve Box Extensions shall be of the same manufacturer of the valve box or approved equal.
4. Quick Coupler Valve Boxes shall be green round valve boxes 11-1/2" (I.D.) diameter by 10-1/4" high, Carson model 910-10 or approved equal. Quick Coupler Valve box covers shall be green T-cover with Bolt-Down Loc Kit or approved equal.
5. Electrical Pull Boxes and Wire Splice Boxes shall be concrete rectangular valve boxes 10 1/4" x 14 1/4", Carson model 1419-Gray or approved equal. Electrical Pull box covers shall have a Bolt-Down Loc Kit or approved equal.
6. All remote control valve boxes, quick coupler valve boxes, electrical pull boxes and wire splice boxes shall be located in planted areas.

R. On-Surface Dripperline

1. The on-surface dripperline shall be of size and type shown on the Drawings.
  - a. Miscellaneous dripperline valves and fittings shall be as per manufacturer's specifications.

**PART 3 EXECUTION**

3.01 INSPECTION OF SITE

A. Site Conditions

1. All scaled dimensions are approximate. The Contractor shall check and verify all site dimensions and notify the City if site conditions have changed.
  2. The Contractor shall carefully check all grades to satisfy him that he may safely proceed before starting work on the irrigation system.
- B. The contractor shall obtain permits and call for inspections as required by local codes and regulation. All installations shall conform to local codes and accepted construction practices.

### 3.02 PREPARATION

#### A. Physical Layout

1. Locations on Drawings are diagrammatic and approximate only and shall be changed and adjusted as necessary and as directed by City to meet existing conditions and obtain complete water coverage.
2. Prior to installation, the Contractor shall identify points of connection for water and power, controller location, backflow locations and location of mainline and obtain review by the City before any installation. Prior to installation the City shall approve all layouts in writing. If equipment is incorrectly located without said approval, it is the Contractor's responsibility to relocate it as per the City's directions without additional cost.
3. The Contractor shall install and extend the system as shown on the Drawings, and as necessary to carry out the intent of the Drawings and Specifications.

### 3.03 WATER, ELECTRICAL AND TELEPHONE SERVICES

#### A. Water Supply

1. Coordinate with the City the irrigation supply points of connection as indicated on the Drawings. Field verify connection points. Contractor is responsible for any changes caused by actual site conditions. Notify the City of any discrepancies prior to beginning construction.

#### B. Electrical Supply

1. Contractor shall provide all materials and connections to supply electrical power to the Metered Service Pedestal and to the Irrigation Controller(s).
2. Connection shall be made at approximate location(s) as indicated on the Drawings. The Contractor is responsible for minor changes caused by actual site conditions and for the coordination of all electrical service connections to the controllers.
3. All electrical work and materials shall conform to local codes, ordinances and governing authorities having jurisdiction.

### C. Telephone Service

1. Contractor shall provide a one (1) inch empty PVC Schedule 40 conduit with nylon pull tape from telephone service riser to the irrigation controller.

## 3.04 INSTALLATION

### A. Trenching

1. Dig trenches straight and support pipe continuously on bottom of trench. Lay pipe to an even grade. Trenching excavation shall follow layout indicated on the Drawings and as noted.
2. Provide for a minimum of twenty-four (24) inches cover for all pressure lines.
3. Provide for a minimum of eighteen (18) inches cover for all non-pressure lines.
4. Provide for a minimum of twenty-four (24) inches cover for all control wiring.
5. Provide for a minimum of twenty-four (24) inches of cover for all pressure lines, non-pressure lines and control wiring under walkway, walls, hardscape, etc.

### B. Backfilling

1. The trenches shall not be backfilled until all required tests are performed. All debris shall be removed prior to placement of backfill. Trenches shall be carefully backfilled with the excavated materials approved for backfilling. Backfill shall be mechanically compacted in landscaped areas to a dry density equal to adjacent undisturbed soil in landscaped areas.
2. Backfill shall conform to adjacent grades without dips, sunken areas, humps or other surface irregularities.
3. Backfill main lines with a minimum of 6" of sand below piping and 6" of sand above the piping.
4. Backfill all lateral lines with approved existing site material or imported soil as needed. Backfill material shall be free from organic materials, large clods of earth or rocks larger than one (1) inch diameter, trash, debris, rubbish, broken cement, asphalt material or other objectionable substances.
5. If settlement occurs and subsequent adjustments in pipe, valves, sprinklers heads, lawn or planting, or other construction are necessary, the Contractor will make all the required adjustments without cost to the City.

### C. Trenching and Backfilling Under Walkways, Walls, Hardscape, etc.

1. Trenches located under roadways shall be backfilled and compacted per engineer's plans and specifications.

2. Trenches located under areas where walkways, walls, hardscapes, etc., shall be installed, shall be backfilled with sand, a layer six (6) inches below the pipe and six (6) inches above the pipe and compacted in layers to 90% compaction, using manual or mechanical tamping devices. All trenches shall be left flush with the adjoining grade. The Contractor shall set in place; cap and pressure test all piping under walkways, walls, hardscapes, etc. prior to the concrete work.
3. Generally piping under existing walks is done by jacking, boring or hydraulic driving, but where any cutting or breaking of sidewalks and/or concrete is necessary, it shall be done and replaced by the Contractor as part of the Contract cost. Permission to cut or break sidewalks and/or concrete shall be obtained from the City in writing. No hydraulic driving shall be permitted under concrete paving.

#### D. Sleeving

1. Sleeving shall be installed for all irrigation piping or electrical wiring that crosses roadways, pavement, walkways, paths, concrete, and other hardscape elements.
2. Install all irrigation and electrical sleeving as needed whether or not indicated on the Drawings. Contractor shall coordinate the installation of sleeving with the work of other trades. Sleeving shall extend 12" past hardscape.
3. Sleeves shall be sized to easily accommodate piping and/or control wiring as called for in the drawings.
4. Separate sleeves shall be provided for piping, telephone cable, 120V power supply and 24V wiring.
5. Where installed as called for on the drawings, spare sleeves shall have both ends capped for future use.

#### E. PVC Pipe

1. Routing of irrigation pipe as indicated on the Drawings is diagrammatic. Install lines and various assemblies to conform to the details shown on the drawings.
2. Install no multiple assemblies on plastic lines. Provide each assembly with its own outlet.
3. Install all assemblies specified herein in accordance with respective detail. In absence of detail Drawings or specifications pertaining to specific items required to complete work, perform such work in accordance with best standard practice with prior approval of the City.
4. PVC pipe and fittings shall be thoroughly cleaned of dirt, dust and moisture before installation. Installation shall be as recommended by the pipe and fitting manufacturer.

5. PVC pipe shall be installed so that there will be a small amount of excess length in the pipe to compensate for contraction and expansion of the pipe. This shall be accomplished by "snaking" the pipe in the trench during installation.
6. Center load pipe with small amounts of backfill to prevent arching and slopping under pressure. Leave joints exposed for inspection during testing.
7. No water shall be permitted in the pipe until inspections have been completed and a period of at least 24 hours has elapsed for solvent weld setting and curing.
8. Plastic to metal connections shall be made with plastic male adapters and metal nipple, hand tightened, plus one turn with a strap wrench. Teflon tape or approved equal shall be used on all threaded PVC to metal joints.
9. Solvent Weld Joint: Solvent weld pipe ends using primer and solvent recommended by pipe manufacturer only.
10. Threaded joints shall be wrapped with Teflon tape as per manufacturer's instructions.
11. Flush all debris out of pipe prior to installing valves and heads.
12. In changing pipe depth, 45° elbows shall be used.

#### F. Line Clearance

1. Irrigation lines shall have a minimum horizontal and vertical clearance of four (4) inches from each other and from sides of trench. Parallel lines shall not be installed directly over one another.
2. Horizontal and vertical clearance of irrigation lines from lines from other trades shall be as per local codes and regulations.
3. Line clearances shall be inspected and approved by the City prior to backfilling trenches.

#### G. Automatic Controller

1. Install as per manufacturer's specifications.
2. Controller shall be securely mounted in the location as indicated on the Drawings or approved by the City in such a manner that all normal operations can be conveniently made by the operator.
3. The Contractor shall properly ground the controllers in accordance with local codes and as per details.
4. The Contractor shall take all control wires to the controller and make all required connections for their installation.

5. All electrical and control wires installed above ground shall be placed in metal conduit or other approved materials and securely mounted. Paint conduit as per City's directions and/or as indicated on the Drawings.
6. A separate common wire shall be used for each controller.

#### H. Control Wiring

1. Wiring shall occupy the same trench and shall be installed along the same route as pressure supply or lateral lines wherever possible.
2. Install wiring in PVC Schedule 40 conduit and adjacent to the pressure main line.
3. Install a separate common wire for each controller on the project. Install a separate control wire to each valve in the system. Provide an eighteen (18) inch expansion curl in each valve box.
4. Controller 'A' shall use white common wire and red control wires.
5. Install one (1) spare common wire (white with yellow stripe) and two (2) spare control wires (yellow) to the last valve on each mainline run for each controller as shown on plans. Run spare wires through each valve box and loop wires into each valve box with an eighteen (18) inch expansion curl.
6. Spare wire shall be field tested to verify continuity.
7. Control valve wire splices allowed only on runs of more than 500 feet.
8. An expansion curl shall be provided within three (3) feet of each wire connection. Expansion curl shall be of eighteen (18) inches in length at each splice connection and at each electric control, so that in case of repair, the valve bonnet may be brought to the surface without disconnection of the control wires.
9. All splices shall be made either in valve box or splice box. All control wire spliced shall be completely waterproof.
10. Use one wire connector per splice.
11. Numbering and Tagging: Identify direct burial control wires at control valves, terminal strips of controller and at each end of all splices with the controller and valve number using heat shrink wire tags or approved equal.

#### I. Irrigation Heads

1. Install the irrigation heads as detailed on the Drawings. Irrigation heads to be installed in this work shall be as per approved submittals.
2. All irrigation heads shall be installed plum and vertical unless noted on plan.

3. Spacing of heads shall not exceed the maximum indicated on the Drawings. In no case shall the spacing exceed the maximum recommended by the manufacturer.
4. Bubblers shall be located at plant locations per planting plan.
5. Swing joints shall be per plan and details.
6. Swing joints for irrigation heads shall be the same size as the inlet opening of the sprinkler body.
7. Verify 100% head to head coverage, and double coverage in turf areas. Adjust system to minimize overspray onto roadways, hardscapes, walls, etc. and to provide maximum coverage.
8. Add additional heads as required to provide adequate coverage with no additional cost to the City.

#### J. Gate Valves

1. Install as per details and manufacturer's specifications.
2. Install where shown on Drawings. Locate, in valve boxes as per plans and details.
3. Install one gate valve per valve box. Provide extension units as required as per details. Install valve boxes in shrub planting areas whenever possible.

#### K. Quick Coupling Valves

1. Install as per details and manufacturer's specifications.
2. All quick coupling valves shall be installed plumb and vertical with the valve accessible and removable with proper tools. Valves shall be located as per plans and details.
3. Install one quick coupling valve per valve box. Provide extension units as required. Install valve boxes in shrub planting areas whenever possible.

#### L. Electric Remote Control Valves

1. Install as per details and manufacturer's specifications.
2. Install where shown on Drawings. Locate valve boxes as per plans and details
3. Install one (1) remote control valve per valve box. Provide extension units as required. Install valve boxes in shrub planting areas whenever possible.

4. Provide eighteen (18) inch expansion loop at all electrical connections within control valve boxes.

M. Master Valves and Flow Sensor Assembly

1. Install as per details and manufacturer's specifications.
2. Install where shown on Drawings. Locate valve boxes as per plans and details
3. Install one (1) remote control valve or sensor per valve box. Provide extension units as required. Install valve boxes in shrub planting areas whenever possible.
4. Provide eighteen (18) inch expansion loop at all electrical connections within control valve boxes.

N. Electrical Pull Boxes

1. Install electrical pull boxes at all wire splice locations and as per details.
2. Install electrical pull boxes at 150-foot intervals and/or every fourth bend; whichever comes first.

O. Conduit

1. Install remote control wires in PVC Schedule 40 conduit.
2. The ends of the conduits, whether shop or field cut, shall be reamed to removed burrs and rough edges. Cuts shall be made square and true.
3. Install conduit couplers onto pipe ends when in direct contact with remote control wires.
4. Conduit bends, except factory bends, shall have a radii of not less than six times the inside diameter of the conduit.
5. Install pull boxes every fourth bend or/and at 150' intervals whichever comes first. Remote control valve boxes, pull boxes used for changes in direction and splice boxes may be used to satisfy this requirement.
6. Conduit shall be free of soil and debris.
7. Install pull tape in all conduits.

P. Ground Rod

1. Install earth grounding in accordance to Article 250 of the National Electrical Code and as per manufacturer's specifications.

2. Ground rods shall be driven a minimum of ten (10) feet into the ground in a vertical or oblique position. The angle of the rod relative to the vertical shall be no more than 45°.
3. Ground plates shall be installed in a horizontal position a minimum of 30" below ground level.
4. Grounding conductors shall be installed to avoid sharp bends. When bends are required to pass through buildings and equipment, they must have a minimum angle of 90° and a minimum radius of 8", which equates to a standard 1-1/2" PVC sweep conduit elbow.
5. Ground rods shall be installed in soils with minimum moisture content of 15% within the sphere of influence. Use supplemental irrigation as needed to meet this requirement.
6. Use "Earth Contact Materials" as needed and as per manufacturer's specifications to obtain desired soil resistivity.
7. Use permanent welded connections to connect grounding conductors to ground rods. Solder shall not be used for this connection.
8. The grounding grid shall be field tested to verify that resistance readings are no more than 10 ohms.

#### Q. On-Surface Dripperline

1. Install on-surface dripperline per manufacturer's specifications and contract documents.
2. Adjust finish grade for on-surface dripperline area to accept four (4) inches of mulch; mulch type per planting plan.
3. Install on-surface dripperline so as not to interfere with existing root system of plant material.
4. Stake on-surface dripperline at five (5) foot intervals using nine (9) inch galvanized stakes.
5. Flush on-surface dripperline of all debris prior to pressurizing system.
6. Install dripperline line flush valve and air/vacuum relief valve as per manufacturer's specifications and contract documents.

#### R. Flushing of System

1. After all new irrigation pipe lines and risers are in place and connected, all necessary diversion work is complete, and prior to installation of irrigation heads, the control valves shall be opened and a full head of water shall be used to flush out the system.

### 3.05 TEMPORARY REPAIRS

- A. City of Oroville reserves the right to make temporary repairs as necessary to keep the irrigation system in operating condition. The exercise of this right shall not relieve the Contractor of his responsibilities under the terms of the guarantee as herein specified.

### 3.06 FIELD QUALITY CONTROL

#### A. Adjustment of the System

1. The Contractor shall flush and adjust all irrigation heads for optimum performance and to prevent over-spray onto walks, windows, roadways, and buildings as much as possible.
2. If it is determined that adjustments in the irrigation equipment shall provide proper and more adequate coverage, the Contractor shall make such adjustments after written approval by the City. Adjustments shall include changes in head locations, nozzle size and degrees of arc as required without additional contract costs.
3. If it is determined that any irrigation equipment is improperly installed, the contractor shall reinstall the equipment to conform to construction documents.
4. All irrigation heads shall be set perpendicular to finished grades unless otherwise designated on the Drawings.

### 3.07 INSPECTION AND OBSERVATION SCHEDULE

#### A. Trench Inspection and Main Line Pressure Test

1. The Contractor shall not backfill pressure main line trench, except center loading until an open trench inspection has been conducted and approved.
2. Test all pressure lines and connections to quick coupler valves, remote control valves and gate valves under hydrostatic pressure of 120 pounds per square inch.
3. All piping under paved areas shall be tested under hydrostatic pressure of 120 pounds per square inch prior to paving.
4. Sustain pressure in pressure lines for not less than twenty-four (24) hours. If leaks develop, replace joints and repeat test until entire system is proven watertight.
5. All hydrostatic tests shall be made only in the presence of the City of Oroville. No pipe shall be backfilled, except for center loading, until it has been observed, tested and approved in writing by the City of Oroville. Should any work be covered up before such observation and tests are completed, the Contractor

shall, at his own expense, uncover the work; and after it has been observed, tested and approved, he then shall make all repairs with such materials as required to restore all work disturbed to original and proper condition.

6. Furnish necessary force pump and all other test equipment.
- B. Finish Grade Inspection and Sprinkler Coverage Test
1. Finish grade shall be approved after planting and prior to sprinkler coverage test and mulch installation.
  2. Perform a sprinkler coverage test in the presence of the Landscape Architect to determine if the water coverage for landscape areas is complete and adequate.
  3. Furnish all materials and perform all work required to correct any inadequacies of coverage due to deviations from the Drawings or where the system has been willfully installed as indicated on the Drawings, when it is obviously inadequate without bringing this to the attention of the City of Oroville.
  4. The sprinkler coverage test shall be completed and approved after landscape material is planted and prior to mulch placement.
- C. No site visits shall commence without all items noted in previous Observation Reports, either completed or remedied, unless such compliance has been waived. Failure to accomplish punch list tasks or prepare adequately for desired observations shall make the Contractor responsible for reimbursing the Engineer at his current billing rates per hour, plus transportation costs.
- D. Normal progress observations shall be requested by the Contractor from the Landscape Architect as per observations listed in specifications Section 02905 Landscape Installation.
- E. No final observation shall commence without Record Drawings. In the event the Contractor calls for an observation without Record Drawings, without completing previously noted corrections or without preparing the system for observations, he shall be responsible for reimbursing the City of Oroville at the hourly rate in effect at the time of the observation (plus transportation costs) for the inconvenience. No further observations will be scheduled until this charge has been paid.
- F. Normal progress observations shall be requested by the Contractor from the City as per observations listed here within and in Section 02260 Landscape Grading, Section 02316 Backfill and Section 02905 Landscape Planting

### 3.08 SUBSTANTIAL COMPLETION INSPECTION

- A. The Contractor shall operate each system automatically in its entirety for the City of Oroville at time of substantial completion. Any items deemed not acceptable shall be reworked to the complete satisfaction of the City of Oroville.

- B. The Contractor shall show evidence to the City of Oroville that the City of Oroville has received all accessories, charts, Record Drawings and equipment as required before substantial completion observation can occur.
- C. When the Contractor is of the opinion that the work is substantially complete, submit a written request for review of substantial completion.
  - 1. Prior to substantial completion observation, all previous punch list items shall be completed and verified by field observation.
  - 2. The Landscape Architect of record shall conduct a substantial completion observation and shall provide a certificate of substantial completion to the City.
  - 3. The certificate shall specifically indicate that the irrigation system was installed per contract documents along with a list of any observed deficiencies.
- D. If the project was not determined substantially complete at the first review as described above then the contractor shall correct deficiencies within ten (10) days and upon completion of deficiencies shall request the second compliance review.

### 3.09 FINAL COMPLETION INSPECTION

- A. When the Contractor is of the opinion that the work is finally complete and the list of deficiencies generated during the substantial completion review are corrected, submit a written request for review of Final Completion.
- B. Upon acceptance of Final Completion inspection, the Contractor shall request to enter into the Maintenance Period per Section 02970 Landscape Maintenance requirements.

### 3.10 MAINTENANCE

- A. The irrigation system shall be maintained to ensure water efficiency. A regular maintenance schedule shall include but not be limited to checking, adjusting, and repairing irrigation equipment and resetting the controller.
- B. Whenever possible, repair of irrigation equipment shall be done with the originally specified materials or their equivalents.
- C. Provide maintenance as per SECTION 02970 - LANDSCAPE MAINTENANCE.

### 3.11 CLEAN-UP

- A. Clean up shall be made as each portion of work progresses. Refuse and excess dirt shall be removed from site. All walks and paving shall be broomed or washed down, and any damage sustained to the work of others shall be repaired to original conditions acceptable to the City of Oroville.

## **PART 4 - MEASUREMENT AND BASIS OF PAYMENT**

### 4.01 Measurement

- A. The measurement for payment shall be on a lump sum basis for the complete irrigation system as shown in the plans, as specified herein and provided for in the Special Provisions and no additional compensation shall be made therefore.
- B. Measurement for the complete irrigation system shall be included in the Bid Proposal.

### 4.02 Basis of Payment

- A. Payment shall be contract lump sum price for the complete irrigation system.
- B. Payment shall be considered as full compensation for furnishing all labor, materials, tools, equipment, testing, and incidentals necessary to complete the entire irrigation system as shown in the plans, as specified herein and provided for in the Special Provisions and no additional compensation shall be made therefore.
- C. Payment shall not relieve the Contractor from its obligations under the Contract; nor shall such payment be construed to be acceptance of any of the Work. Payment shall not be construed as the transfer of ownership of any equipment or material to the City. Responsibility of ownership shall remain with the Contractor who shall be obligated to store any fully or partially completed work or structure for which payment has been made; or replace any materials or equipment required to be provided under the Contract which may be damaged, lost, stolen or otherwise degraded in any way prior to acceptance of the Work.
- D. Guarantee periods shall not be affected by any payment

**END OF SECTION**

## **PART I - GENERAL**

### **1.1 WORK INCLUDED**

- A. Furnish all labor, material, equipment and services necessary to provide all landscape work, complete in place, as indicated on Drawings and specified herein.

Work specified in this Section, but is not limited to the following:

1. Soil preparation
2. Cobble Groundcover Installation
3. Landscape Boulder Installation
4. Planting
5. Sodding
6. Mulching
7. Concrete Mowband
8. Clean-up

- B. Related Work Specified in Other Sections

1. SECTION 02260 - **LANDSCAPE GRADING**
2. SECTION 02811 - **IRRIGATION SYSTEM**
3. SECTION 02970 - **LANDSCAPE MAINTENANCE**

### **1.2 QUALITY ASSURANCE**

- A. Source Quality Control

1. Submit documentation to the Landscape Architect at least sixty (60) days prior to start of planting that all plant material has been ordered. Arrange procedure for observation of plant material with the Landscape Architect at time of submission.
2. Plants shall be subject to observation and approval of the Landscape Architect upon delivery for conformity to specifications. Such approval shall not impair the right of observation and rejection during progress of the work.

### **1.3 PRODUCT DELIVERY, STORAGE AND HANDLING**

- A. Delivery

1. The Contractor, upon request by the Landscape Architect, shall provide receipts, delivery tickets, load tickets, etc. of all items delivered to the job site to verify products and total quantities.

2. Deliver fertilizer to site in original unopened containers bearing manufacturer's guaranteed chemical analysis, name trademark, and conformance to State Law.
3. Deliver plants with legible identification labels.
  - a. Label trees, evergreens, bundles of containers of like shrubs, or ground cover plants.
  - b. State correct plant name and size indicated on plant list.
  - c. Use durable waterproof labels with water-resistant ink which will remain legible for at least sixty (60) days.
4. Protect plant material during delivery to prevent damage to root ball or desiccation of leaves.
5. The Contractor shall notify the Landscape Architect forty-eight (48) hours in advance of delivery of all plant materials for observation.

B. Storage

1. Store plant material in shade and protect from weather.
2. Maintain and protect plant material.

C. Handling

1. Do not drop plant materials.
2. Do not pick up container plant material by stems or trunks.

1.4 JOB CONDITIONS

- A. Planting: Perform actual planting only when weather and soil conditions are suitable in accordance with locally accepted practice.
- B. Scheduling: Install trees, shrubs, and ground cover plant material before lawn areas are installed and after irrigation system is operable.
- C. Protect work and materials from damage due to construction operations by other contractors and trades and by vandalism. Maintain protection during installation and maintenance period.

1.5 SAMPLES AND TESTS

The Landscape Architect reserves the right to take and analyze samples of materials for conformity to specifications at any time; the Contractor shall furnish samples upon request by Landscape Architect. Rejected materials shall be immediately removed from the site at the Contractor's expense. Cost of testing of materials not meeting specifications shall be paid by the Contractor.

1.6 GUARANTEE AND REPLACEMENT

- A. Guarantee: All plant material and other materials installed under the Contract shall be guaranteed against any and all poor, inadequate or inferior materials and/or workmanship for a period of one (1) year. Any plant found to be dead or not in a satisfactory or healthy condition due to faulty materials, workmanship, or improper maintenance as determined by the Landscape Architect, shall be replaced by the Contractor at his expense.
- B. Replacement: Any materials found to be dead, missing or not in a satisfactory or healthy condition during the maintenance period shall be replaced immediately. The Landscape Architect shall be the sole judge as to the condition of material. Material to be replaced within the guarantee period shall be replaced by the Contractor within fifteen (15) days of written notification by the Owner. All replacement materials and installation shall comply to the Drawings and the Specifications.

## PART 2 - PRODUCTS

### 2.1 GENERAL

All materials shall be of standard, approved and first-grade quality and shall be in prime condition when installed and accepted. Any commercially processed or packaged material shall be delivered to the site in the original unopened container bearing the manufacturer's guaranteed analysis. The Contractor shall supply the Landscape Architect with a sample of all supplied materials accompanied by analytical data from an approved laboratory source illustrating compliance of bearing the manufacturer's guaranteed analysis.

### 2.2 PRODUCTS

#### A. Soil Amendment

- 1. Nitrogen Stabilized Shavings: 0.56 to 0.84% N based on dry weight for fir bark mulch, treated with relative form of nitrogen (NH<sub>3</sub>).
  - a. Particle Size: 95% - 100% passing 6.35 mm standard sieve.  
80% - 100% passing 2.33 mm standard sieve.
  - b. Salinity: The saturation extract conductivity shall not exceed 3.5 millimeters/centimeter at 25 degrees (25°) centigrade as determined by saturation extract method.
  - c. Iron Content: Minimum 0.08% dilute acid soluble Fe on dry weight basis.
  - d. Ash: 0 - 6.0% (dry weight)
- 2. Agricultural gypsum

#### B. Fertilizer

- 1. Planting Pit Fertilizer: Shall be Gro-Power Plus (bacteria included) with soil penetrant and shall consist of the following percents by weight:

5% nitrogen  
3% phosphoric acid

1% potash  
50% humus  
15% humic acid

2. Planting Tablets: Slow-release 21 gram tablets as manufactured by Agriform or approved equal, containing the following percentages of nutrients by weight:

20% nitrogen  
10% phosphoric acid  
5% potash

3. Soil preparation fertilizer: pelletized granular fertilizer with the following percentages by weight:

6% nitrogen  
20% phosphoric acid  
20% potash

#### C. Soil Conditioner

1. Gro-Power Plus: Humus (bacteria included based fertilizer and soil conditioner with soil penetrant shall consist of the following percents by weight:

5 % nitrogen  
3 % phosphoric acid  
1 % potash  
50 % humus  
15 % humic acidsPlant Material

#### D. Plant Material

1. The plant material indicated on the Drawings by the listed names shall conform to "Standard Plant Names", second edition, except for names not covered therein, the established customs of the nursery trade is followed. All plants shall be true to name, above one of each bundle or lot shall be tagged with the name and size of the plant, in accordance with the standards of practice recommended by the American Association of Nurserymen. All plant materials shall meet the specifications of Federal, State and County laws, requiring observation for plant diseases and insect infestations. Plants shall be symmetrical, typical for variety and species, sound, healthy, vigorous, free from plant diseases, insect pests or other eggs, and shall have healthy, normal root systems, while filling their containers, but not to the point of being root bound. Use only plant materials that are first class representative of the species and cultivars specifies and that conform to all State and local laws governing the sale, transportation and observation of plant materials. Plants shall have straight, single trunks, unless otherwise specified on the plans. Those specified to be multi-trunk shall have at least three (3) main leaders from

the base. Any and all plants that have any encircling roots (not root bound) shall have root balls lightly slashed on a minimum of three (3) sides to stop encircling root growth. The height and spread of all plant materials shall be measured with branches in their normal position. Sizes of plants shall be as stated on the plant list, five and fifteen (5 & 15) gallon can container stock shall have been grown in that container not less than six (6) months, but shall not have been overgrown in the containers so as to have become root bound.

2. The size of the plants will correspond with that normally expected for species and variety of commercially available nursery stock or as specified in the Special Conditions or Drawings. The minimum acceptable size of all plants, measured before pruning with the branches in normal position, shall conform with the measurements, if any, specified on the Drawings in the list of plants to be furnished. Plants larger in size than specified may be used with the approval of the Landscape Architect, but if the use of larger plants is approved, the ball of earth or spread of roots for each plant will be increased proportionally. Plant material shall conform to the following Specifications for container stock:

**SHRUBS**

<u>SIZE</u>	<u>TYPE</u>	<u>EXAMPLE</u>	<u>HEIGHT</u>	<u>SPREAD</u>	<u>CALIPER</u>
1 Gal.	low growing	Pitt. tobira - etc.	8-10"	6-8"	
1 Gal.	tall growing	Pitt. eugen. - etc.	10-12"	6-8"	
5 Gal.	low growing	Pitt. tobira - etc.	15-18"	15-18"	
5 Gal.	tall growing	Pitt. eugen. - etc.	24-30"	15-18"	
15 Gal.	low growing	Pitt. tobira - etc.	30-36"	30-36"	
15 Gal.	tall growing	Pitt eugen. - etc.	42-48"	36-42"	

3. All plants not conforming to the requirements herein specified, shall be considered defective and such plants, whether in place or not, shall be marked as rejected and immediately removed from the site of the work and replaced with new plants at the Contractor's expense. The plants shall be of the species, variety, size and condition specified herein or as shown on the Drawings. Under no conditions will there be any substitution of plants or sizes listed on the plans, except with the expressed written approval of the Landscape Architect.
4. At no time shall trees or plant materials be pruned, trimmed or topped prior to delivery and any alteration of their shape shall be conducted only with the approval and when in the presence of the Landscape Architect and/or as noted on the Planting Specifications.
5. Nursery Grown and Collected Stock
  - a. Plant materials shall conform with the best edition of ANSI Z60.1-1986 American Standard for Nursery Stock.
  - b. Grown under climatic conditions similar to those in locality of project.
  - c. Container-grown stock in vigorous, healthy condition, not root bound or with root system hardened off.

d. Use only liner stock plant material which is well established in removable containers or formed homogeneous soil sections.

6. Ground Cover: Ground cover plants shall be grown in flats, peat pots, or taken as cuttings, as indicated on the plans. Flat grown plants (rooted cuttings) shall remain in those flats until trans-planting. The flat's soil shall contain sufficient moisture so that it will not fall apart when lifting the plants. If plants from peat pots are used, the pots shall be protected at all times prior to planting to prevent unnecessary drying of the rootball.

E. Mulch

1. Mulch shall be walk-on type fir bark.
2. The mulch shall consist of fir bark mulch with a particle range of three-quarter to one and one-half inch (3/4 -1 1/2") in diameter. Shredded redwood bark is not acceptable. Colored or dyed wood products are not acceptable.

G. Pre-emergent

1. Pre-emergent, Ronstar or approved equal, prevent weed development in planter areas.

H. Weed Control

1. Use Enide (Upjohn), Dymid (Elanco Products Co.), Treflan, Eptan, Surflan or approved equal.

M. Fungicide

1. "Subdue" (Cibiba-Geigy) or approved equal.

N. Cobble Swale Installation

1. 8" to 9" diameter, smooth, river washed cobble.

O. Landscape Boulders

1. 36" (min.) to 48" (max.) diameter Bangor Greenstone Boulders

P. Concrete Mowband

1. 2,500 PSI 28 day strength

Q. Sod

1. Sod varieties shall be as specified on Drawings. Sod shall be healthy, weed free, and obtained from a certified sod growing nursery or farm.
2. All sod shall be cut within twenty-four (24) hours prior to installation.

**PART 3 - EXECUTION**

3.1 OBSERVATION

- A. Landscape Architect to verify that topsoil has been imported, and final grades have been established prior to beginning planting operations. Landscape Architect to observe, shrubs and liner stock plant material for injury, insect infestation and trees and shrubs for improper pruning. Do not begin planting of trees until deficiencies are corrected or plants replaced.
- B. Contractor shall stage all Landscape Boulders and in one location for observation at the quarry and shall make arrangements for review and approval of boulders by Landscape Architect prior to delivery to the project site. A representative from the quarry shall be present at the time of observation. Notify Landscape Architect a minimum of 72 hours in advance.
- C. Contractor shall stage cobble at one location for Landscape Architect's approval prior to delivery to the site. Alternately, the Contractor may elect to provide a ½ yard representative sample for Landscape Architect's approval prior to delivery to the site

### 3.2 LAYOUT OF PLANTING AREAS

- A. Stake or mark with lime locations for plants and outline of planting beds on ground. Do not begin excavation until plant locations and plant beds are acceptable to the Landscape Architect. The irrigation system shall be operational and approved prior to planting.
- B. Locations for plants and outlines of areas to be planted shall be marked on the ground by the Contractor before any plant pits are dug. All such locations shall be approved by the Landscape Architect. If an underground construction or utility line is discovered prior to work, other locations for planting may be selected by the Landscape Architect.

### 3.3 INSTALLATION

- A. Landscape Boulders
  - 1. Boulders shall be set a minimum of 1/3 below the landscape finish grade.
  - 2. All boulders shall be set such that they are stable.  
Proper equipment shall be furnished by the Contractor so that boulders may be set in place without marring, scraping, gouging, or otherwise marking the boulders.
- B. Cobble Groundcover Installation
  - 1. Excavate soils as required to accommodate the placement of Cobble Groundcover.  
Cobble groundcover is to be installed so as to form a swale a minimum of 4" deeper along the flowline of the swale than at the adjacent edges of the swale. Adjust grades as required.
- C. Concrete Mowband
  - a. Install Concrete Mowband as per Plans and details
- D. Preparation of Planting Area

1. After approximate finished grades have been established, soil shall be conditioned and fertilized in the following manner. Soil conditioner shall, at the following rate, be uniformly spread and cultivated thoroughly by means of mechanical tiller into the top six (6) inches of soil. Existing planting areas shall be cultivated by hand tools.

Soil Conditioner Mixture, Soil Amendment and Application Rate:

- a. Six (6) cubic yards of Soil Amendment per 1,000 square feet.
  - b. Twenty (20) pounds 6-20-20 pelletized fertilizer per 1,000 square feet
  - c. 200 pounds Soil Conditioner
2. All soil areas shall be compacted and settled by application of heavy irrigation to a minimum depth of twelve (12) inches.
  3. At time of planting, the top six (6) inches of all areas to be planted shall be free of stones, stumps, or other deleterious matter one (1) inch in diameter or larger, and shall be free from all wire plaster, or similar objects that would be a hindrance to planting and maintenance.

#### E. Final Grades

1. Finished grading shall insure proper drainage of the site. Conform to specification SECTION 02260 - **LANDSCAPE GRADING**.
2. The following areas shall be grades so that the final grades shall be established below adjacent paved areas, sidewalks, valve boxes, headers, clean outs, drains, manholes, etc. as follows:
  - a. Shrub/ground cover areas: 2-1/2 inches
  - b. Sod areas-1 inch
3. Surface drainage shall be away from all building foundations.
4. Dispose of excess or unacceptable soil from the site.

### 3.4 PLANT INSTALLATION

#### A. General

1. Actual planting shall be performed during those periods when weather and soil conditions are suitable and in accordance with locally accepted practice, as approved by the Landscape Architect.
2. Only as many plants as can be planted and watered on that same day shall be distributed in a planting area.
3. Container shall be opened and plants shall be removed in such a manner that the ball of earth surrounding the roots is not broken and they shall be planted and watered as herein specified immediately after removal from the containers. Containers shall not be opened prior to placing the plants in the planting area.

#### B. Planting of Trees and Shrubs

1. Excavation for planting shall include the stripping and stocking of all acceptable topsoil encountered within the areas to be excavated for trenches, tree holes, plant pits and planting beds.
2. Excess soil generated from the planting holes and not used as backfill or in establishing the final grades shall be removed from the site.

C. Excavating for Planting

- a. Shape
  1. Vertical sides and flat bottom.
  2. Plant pits to be square for box material, circular for canned material.
  3. Scarify sides and bottom of each pit.
- b. Protect all areas from excessive compaction when trucking plants or other materials to planting site.
- c. Can Removal
  1. Cut cans on two (2) sides with an acceptable can cutter.
  2. Do not injure the rootball.
  3. Do not cut cans with spade or ax.
  4. Carefully remove plants without injury or damage to rootball.
  5. After removing plant, superficially cut edge roots with knife on three (3) sides.
- e. Box Removal
  1. Remove bottom of plant boxes before planting.
  2. Remove sides of box without damage to root ball after positioning plant and partially backfilling.
- f. Center plant in pit.
- g. Face plants with fullest growth into prevailing wind.
- h. Set plant plumb and hold rigidly in position until soil has been tamped firmly around ball roots.
- i. Remainder of planting pit shall be backfilled with:
  1. One (1) parts rock-free native soil.
  2. One (1) parts nitrogen stabilized shavings.
  3. Eighteen (18) pounds Gro-Power Plus planting pit fertilizer per cubic yard of mix.
  4. Specified type and quantity of planting tablets
- j. All plants which settle shall be raised to the correct level. After the plant has been placed, additional backfill shall be added to the hole to cover approximately one-half (1/2) of the height of the root ball. Water shall be added to the top of the partly filled hole to thoroughly saturate the root ball and adjacent soil.
- k. After the water has completely drained, planting tablets shall be placed adjacent to but not in contact with root ball.

One (1) tablet per 1-gallon container  
Two (2) tablets per 5-gallon container  
Three (3) tablets per 15-gallon container

Four (4) tablets per 24" box  
Five (5) tablets per 30" box  
Six (6) tablets per 36" box  
Seven (7) tablets per 42" box  
Eight (8) tablets per 48" box and larger box sizes

- I. The remainder of the hole shall be backfilled.
  
- m. After backfilling, an earthen basin shall be constructed around each plant. Each basin shall be of a depth sufficient to hold at least two (2) inches of water. Basin shall be of a size suitable for the individual plant. In no case shall the basin for fifteen (15) gallon plant be less than four (4) feet in diameter; a five (5) gallon plant less than three (3) feet in diameter. The basins shall be constructed of amended backfill materials, and shall not be constructed for trees in turf areas.
  
- n. Pruning  
Pruning shall be limited to the minimum necessary to remove injured twigs and branches and to compensate for loss of roots during transplanting, but never to exceed one-third (1/3) of the branching structure. Upon approval of the Landscape Architect, pruning may be done before delivery of plant, but not before plants have been observed and approved. Cuts over three-quarter (3/4) inch in diameter shall be painted with tree wound paint. Prune as per specifications SECTION 32 01 90 - **LANDSCAPE MAINTENANCE**.
  
- o. Staking and Guying
  - 1. Staking of all trees shall conform to tree staking and tree guying details.
  - 2. Flagging: All guys are to be flagged 90% of wire length is to be covered. Black polyethylene one-half (1/2) inch diameter tube covering shall be used.
  - 3. One (1) tree of each size shall be staked and approved by the Landscape Architect prior to continued staking.

#### C. Planting of Ground Cover

- 1. Ground cover shall be planted in straight rows and evenly spaced, unless otherwise noted, and at intervals called out in the Drawings. Triangular spacing shall be used unless otherwise noted on the Drawing.
  
- 2. Each rooted plant shall be planted with its proportionate amount of flat soil or in a peat pot in a manner that will insure minimum disturbance of the root system, but in no case shall this depth be less than two (2) nodes. To avoid drying out, planting shall be immediately irrigated after planting until the entire area is soaked to the full depth of each hole, unless otherwise noted on the Drawing.
  
- 3. Care shall be exercised at all times to protect the plants after planting. Any damage to plants by trampling or other operations of this Contract shall be repaired immediately.

#### D. Mulch Cover

- 1. All planting areas, with the exception of turf and wildflower areas shall be top dressed with a 2 inch layer of mulch

#### E. Weed Control

1. Apply weed control to all non-turf areas after completion of all planting and one (1) complete watering (to "set" plants).
2. Apply as per manufacturer's specifications.

### 3.5 OBSERVATION SCHEDULE

- A. The Contractor shall be responsible for notifying the Owner in advance for the following observations according to the time indicated:
1. Irrigation pressure line installation and testing prior to backfill - 48 hours.
  2. Irrigation sprinkler coverage test and finish grade review prior to planting - 48 hours.
  3. Plant material review prior to planting – 48 hours.
  4. End of landscape installation, start of maintenance period-48 hours
  5. End of landscape maintenance/final acceptance - 48 hours.
- B. No site visits shall commence without all items noted in previous Observation Reports, either completed or remedied, unless such compliance has been waived. Failure to accomplish punch list tasks or prepare adequately for desired observations shall make the Contractor responsible for reimbursing the Owner at his current billing rates per hour, plus transportation costs.

### 3.6 CLEAN UP

After all planting operations have been completed, remove all trash, excess soil, empty plant containers or rubbish from the property. All scars, ruts or other marks in the ground caused by this work shall be repaired and the ground left in a neat and orderly condition throughout the site. The Contractor shall pick-up all trash resulting from this work no less frequently than each Friday before leaving the site, once a week, and/or the last working day of each week. All trash shall be removed completely from the site. The Contractor shall leave the site area broom-clean and shall wash down all paved areas within the Contract area, leaving the premises in a clean condition acceptable to the Owner and the Landscape Architect.

### 3.7 LANDSCAPE MAINTENANCE

Provide Landscape Maintenance as per SECTION 02970 - **LANDSCAPE MAINTENANCE.**

## PART 4- MEASUREMENT AND PAYMENT

### 4.01 MEASUREMENT: Landscape Installation shall be measured as follows:

1. Soil preparation: Lump Sum

2. Cobble Swale Installation: Lump Sum
3. Landscape Boulder Installation: Lump Sum
4. Mulching: Lump Sum
5. Planting: Lump Sum
6. Sodding: Lump Sum
7. Concrete Mowband: Lump Sum

4.02 PAYMENT: The contract price paid for Landscape Installation shall include full compensation for all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in Landscape Installation as follows:

1. Soil preparation: Lump Sum
2. Cobble Swale Installation: Lump Sum
3. Landscape Boulder Installation: Lump Sum
4. Mulching: Lump Sum
5. Planting: Lump Sum
6. Sodding: Lump Sum
7. Concrete Mowband: Lump Sum

And as shown on the plans, as specified in the Standard Specifications, and these Special Provisions, and as Directed by the Landscape Architect.

**END OF SECTION**

## LANDSCAPE MAINTENANCE

### PART 1 - GENERAL

#### 1.01 CONDITIONS

- A. The general provisions of the Contract, including General and Supplementary Conditions and General Requirements (if any) apply to the work specified in this Section.

#### 1.02 SCOPE OF WORK

- A. Furnish all labor, material, equipment and services required to maintain landscape in a healthy growing condition and in a neat and attractive appearance throughout the maintenance period.

- B. Related Work Specified in Other Sections:

1. SECTION 02811 - **IRRIGATION SYSTEM**
2. SECTION 02905 - **LANDSCAPE INSTALLATION**

#### 1.03 QUALITY ASSURANCE

The Maintenance Contractor shall be experienced in horticulture and landscape maintenance, practices and techniques, and shall provide sufficient number of workers with adequate equipment to perform the work during the maintenance period.

#### 1.04 MAINTENANCE PERIOD

- A. Continuously maintain the entire project area during the progress of the work and during the sixty (60) calendar-day, maintenance period or until final acceptance of the project by the City.
- B. Maintenance period shall not start until all elements of construction, planting and irrigation for the entire project are in accordance with Plans and Specifications. A prime requirement is that all sod and landscape areas shall be planted and that all sod areas shall show an even, healthy stand of sod. If such criteria is met to the satisfaction of the City, a written notification shall be issued to establish the effective beginning date of maintenance period.
- C. Any day of improper maintenance, as determined by the City, shall not be credited as an acceptable maintenance period day. The maintenance period shall be extended on a daily basis if the work is not in accordance to the Plans and Specifications. Project shall not be segmented into maintenance areas or phases, unless authorization of the City is obtained.
- D. Maintenance shall continue beyond the sixty (60) day maintenance period, as required, until final acceptance is given by the City.

1.05 GUARANTEE AND REPLACEMENT

- A. Guarantee: All plant material and other materials installed under the Contract shall be guaranteed for one (1) year from time of final acceptance against any and all poor, inadequate or inferior materials and/or workmanship or improper maintenance, as determined by the City, shall be replaced by the Contractor at his expense.
- B. Replacement: Any materials found to be dead, missing, or not in a satisfactory or healthy condition during the maintenance period shall be replaced immediately. The City shall be sole judge as to the condition of material. Material to be replaced within the guarantee period shall be replaced by the Contractor within five (5) days of written notification by the City. All replacement materials and installations shall comply to the Plans and Specifications. Any plant missing due to suspected theft shall be replaced by the Contractor. If the Contractor suspects that theft may be a problem, the Contractor shall provide written documentation to the City that security on this site needs to be intensified. The Contractor may relieve himself of theft responsibility if after the security notice, with no result, a written notice to the City shall be given that plant material will not be replaced for theft or vandalism due to lack of site security being maintained. This procedure may take place only during the Landscape Maintenance Period.

1.06 OBSERVATION SCHEDULE

Normal progress observations shall be requested by the Contractor from the City as per observations listed in specifications SECTION 02905 - **LANDSCAPE INSTALLATION**.

1.07 FINAL ACCEPTANCE OF THE PROJECT

- A. Upon completion of all project work, including maintenance period, the City will, upon proper request, make an observation to determine final project acceptability.
- B. Where observed work does not comply with the Plans and Specifications, replace rejected work and continue specified maintenance period until re-inspected by the City and determined to be acceptable. All replacement materials and installations shall be in accordance with the Plans and Specifications. Remove rejected work and materials immediately from project. Prior to the date of final observation, Contractor shall provide the City with all Record Drawings and written Guarantee Statement in accordance with the Plans and Specifications.

**PART 2 - PRODUCTS**

2.01 MATERIALS

- A. All materials used shall either conform to Specifications in other sections or shall otherwise be acceptable to the City. The City shall be given a monthly record of all herbicides, insecticides and disease control chemicals used.

B. Sod maintenance fertilizer: shall consist of the following percents by weight:

16%	nitrogen
16%	phosphoric acid
8%	potash

### **PART 3 - EXECUTION**

#### **3.01 MAINTENANCE**

- A. General: Proper maintenance, including watering, weeding, mowing, edging, fertilization, repairing and protection shall be required until entire project is finally accepted, but in any event for a period of not less than the specified maintenance period after planting.
- B. Watering: Thoroughly water to insure vigorous and healthy growth until work is accepted. Water in a manner to prevent erosion due to application of excessive quantities of water. When hand watering use a water wand to break the water force.
- C. Weeding: Keep plant basins and areas between plants free of weeds. Control weeds with pre-emergent herbicides. If weeds develop, use legally approved herbicides. Avoid frequent soil cultivation that destroys shallow roots. Weeding also shall be included in all paved areas including public or private sidewalks.
- D. Pruning
  - 1. Trees: Prune trees to select and develop permanent scaffold branches; to eliminate narrow V-shaped branch forks that lack strength; to reduce toppling and wind damage by thinning out crowns; to maintain a natural appearance and to balance crown with roots. Prune only as directed by the City.
  - 2. Shrubs: Same objectives as for trees. Shrubs shall not be clipped into balled boxed forms unless such is required by the landscape plans. All pruning cuts shall be made to lateral branches, buds or flush with the trunk. "Stubbing" and "heading" shall not be permitted.
  - 3. Only skilled workmen shall perform pruning work in accordance with standard horticultural pruning practices. Remove from the project all pruned branches and material. Remove and replace any plant material excessively pruned or malformed resulting from improper pruning practices at no additional costs to the City.
- E. Staking and Guying: Stakes and guys shall remain in place through the guarantee period (one year) and shall be inspected and adjusted to prevent rubbing that causes bark wounds.
- F. Insect, Animal, Rodent and Disease Control: Maintain proper control with legally approved materials as required as part of the Contract.

- G. Protection: The Contractor shall maintain protection of the planted areas. Damaged areas shall be repaired or replaced at the Contractor's expense.
- H. Trash: Remove trash weekly in all planted areas, pedestrian walkways and plazas.
- I. Replacement: As per Guarantee and Replacement Specifications of this Section.

### 3.02 TURF MAINTENANCE

#### A. Mowing and Edging

- 1. Mowing of sod is not required. Sod selected is a variety that requires no mowing. Sod must be well established and free of bare spots and weeds to the satisfaction of the City prior to final acceptance.
- 2. Edges shall be trimmed at least once monthly or as needed for neat appearance. Clippings shall be removed from and disposed of from the site.

B. Watering: Sod shall be watered at such frequency as weather conditions require to replenish soil moisture below root zone and to establish healthy strands of grass.

C. Weed Control: If needed, control broad leaf weeds with selective, legally approved herbicides.

D. Fertilization: During maintenance period an application of fertilizer (16-16-8), as specified, shall be made at thirty (30) days and again at sixty (60) days from the date of lawn installation at a rate of five (5) pounds per 1,000 square feet, or as per manufacturer's recommendations.

E. Replacement: At conclusion of maintenance period a final observation of lawn and turf areas shall be made. Remove diseased areas and unhealthy strands of grass from the site; do not bury into the soil. Replant areas with materials and in a manner as specified on the Plans and Specifications at no additional cost to the City.

### 3.03 IRRIGATION SYSTEM

A. System Observation: The Contractor shall check all systems for proper operation. Lateral lines shall be flushed out after removing the last sprinkler head or two at each end of the lateral. All heads are to be adjusted as necessary for unimpeded coverage.

B. Controllers: Set and program automatic controllers for seasonal water requirements. Give the City instructions on how to turn off system in case of emergency.

C. Repairs: Repair all damages to irrigation system at the Contractor's expense. Repairs shall be made within twenty-four (24) hours.

PART 4- MEASUREMENT AND PAYMENT

4.01 MEASUREMENT

- A. Landscape Maintenance shall be measured on a lump sum basis

4.02 PAYMENT

- A. The contract Lump Sum price paid for Landscape Maintenance shall include full compensation for all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in Landscape Maintenance and as shown on the plans, as specified in the Standard Specifications, and these Special Provisions, and as Directed by the Landscape Architect.

**END OF SECTION**