CITY OF IMPERIAL
Imperial, California

CONTRACT DOCUMENTS AND
SPECIFICATIONS FOR

CONSTRUCTION OF STORM DRAIN SYSTEM AND ASPHALT RUBBER COMPOSITE LAYER OVERLAY ALONG 11TH STREET FROM N "D" STREET TO OLD SR-86

BID NO. 2019-10

CITY OF IMPERIAL
COMMUNITY DEVELOPMENT DEPARTMENT
400 S IMPERIAL AVENUE, SUITE 101
Imperial, California 92251
(760) 355-1152

OCTOBER 2019

CITY OF IMPERIAL

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CONSTRUCTION OF STORM DRAIN SYSTEM AND ASPHALT RUBBER COMPOSITE LAYER OVERLAY ALONG 11TH STREET FROM N "D" STREET TO OLD SR-86

BID NO. 2019-10

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CITY OF IMPERIAL
NOTICE INVITING SEALED BIDS
CONSTRUCTION OF STORM DRAIN SYSTEM AND ASPHALT RUBBER COMPOSITE LAYER OVERLAY ALONG 11TH STREET FROM N "D" STREET TO OLD SR-86
BID NO. 2019-10

PUBLIC NOTICE IS HEREBY GIVEN that the City of Imperial, as CITY, invites sealed bids for the above stated project and will receive such bids in the offices of the City Clerk at 420 S. Imperial Avenue, Imperial, California 92251 up to the hour of **3:30 P.M. Tuesday, October 29, 2019**, at which time they will be publicly opened and read aloud. A bid summary will then be prepared and posted. A Pre-Bid meeting will be conducted at 10:00 AM on Tuesday, October 22, 2019 at the City of Imperial Community Development Department located at 400 S. Imperial Ave., Suite 101; Imperial, California 92251 to be followed by a field walk through at the project site.

The work to be done consists of furnishing of all material, labor, tools, implements, and equipment necessary to construct the storm drains, drop inlets, and manholes, complete and ready to operate; grinding of existing asphalt concrete pavement, installation of conventional asphalt concrete leveling course, asphalt-rubber aggregate membrane, gap graded asphalt-rubber hot mix, installation of conventional asphalt concrete surface course, pavement striping, slurry seal, remove and replace concrete curb and gutter, traffic striping, utility adjustments and traffic control. There are sections of gutter that do not have a proper drainage slope, consequently, the contractor's surveyor must survey these areas to provide a positive flow profile so the street can drain by gravity. These survey elevations (plan & profile) must be submitted to the City Engineer for review and approval. All construction to be in accordance with the details shown on the plans and with these specifications. Asphalt and concrete demolition debris shall be recycled or diverted as required by the City's C&D Ordinance. The grindings derived from the construction activity shall be disposed and "stockpiled" at the following: City of Imperial Shop Site located at 14th and North "N" Street.

The scope of work includes, prior to the start of construction, the coordination between the City of Imperial and the Contractor. Testing and Studies called for shall be paid by City.

Bid packages (CD's) are available at the City of Imperial Community Development Department located at 400 S. Imperial Avenue, Suite 101; Imperial, California 92251 upon payment of $85.00 non-refundable fee ($100.00 if mailed). Only those firms who have purchased the bid documents will be provided any addendums that may be issued for this project prior to the bid opening date.

Any contract entered into pursuant to this notice will incorporate the provisions of State Labor Code of the State of California. Compliance with the higher State prevailing rates of wages and apprenticeship employment standards established by the State director of Industrial Relations will be required. Affirmative action to ensure against discrimination in employment practices on the basis of race, color, national origin, ancestry, sex, or religion will also be required.

CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60- 4.3(a), and its efforts to meet the goals established for the geographical area where the contract resulting from the solicitation is to be performed. The hours of minority and female employment and training must be substantially uniform through the duration of the contract, and in each trade, and the Contractor shall make a good faith effort to employ women and minority individuals evenly on each of its projects. The transfer of minority or female employees or trainees from contractor to contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order, and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

Each bid must be accompanied by a guaranty of cash, certified check, cashier's check or bid bond made payable to the City of Imperial for an amount equal to at least ten percent (10%) of the bid. Such guaranty to be forfeited should the bidder to whom the contract is awarded fails to enter the contract. All guaranties to be returned after the contract is awarded. In conformance with the State of California Public Contract Code Section 22300, the contractor may substitute securities for any funds withheld by the City to ensure performance under the contract. At 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 funds to the contractor upon notification by the City of contractor's satisfactory completion of contract. The type of securities deposited and the method of release shall be approved by the City Attorney's office.

As used in this notice, and in the contract resulting from this solicitation, the “covered area” is in the City of Imperial in Imperial County, State of California.

The contract documents call for monthly payments based upon the engineer’s estimate of the work completed. The City of Imperial will retain five (5%) percent of each progress payment as security for completion of the balance of the work. At the request and expense of the successful bidder, the City will pay the amounts so retained upon compliance with the requirements of Public Contract Code Section 22300 and the provisions of the contract documents pertaining to Substitution of Securities.

Bids must be prepared on the approved proposal forms in conformance with the Instructions to Bidders and submitted in a sealed envelope plainly marked on the outside:

ATTN: CITY CLERK
SEALED BID FOR:
CONSTRUCTION OF STORM DRAIN SYSTEM AND ASPHALT RUBBER COMPOSITE LAYER OVERLAY ALONG 11TH STREET FROM N “D” STREET TO OLD SR-86
BID NO. 2019-10

The Proposal should be delivered no later than **3:30 P.M. Tuesday, October 29, 2019**, addressed as follows:

City of Imperial, City Hall – City Clerk
420 S. Imperial Avenue, Imperial, CA 92251

Questions concerning the proposal should be directed to Jesus Villegas, Project Manager, at (760) 355-3840 or via email: jvillegas@cityofimperial.org. Questions should be received no later than 3:00 P.M. Wednesday, October 23, 2019.

Clarification desired by a proposer shall be requested in writing with sufficient time to allow for a response prior to the date RFPs are due. Oral explanation or instructions shall not be considered binding on behalf of the City.

Any modifications to this solicitation will be issued by the City as a written addendum. The City will not consider proposals received after the specified time and date. This bid proposal does not commit the City of Imperial to award a contract or pay any costs associated with the preparation of a Proposal.

The City of Imperial reserves the right to reject any or all bids, to award each item separately, delete portions of the work, and/or waive any informality on any bid. No bid may be withdrawn for 60 days after the time set for the opening thereof. Failure by the successful bidder to enter into a contract with the City or to deliver goods and/or services in accordance with the bid may result in a declaration by the City that the bidder is not a responsible bidder, and elimination from consideration in future bidding.

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 pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1 (a)]. 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. This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations. Any bid submitted by a contractor or subcontractor not properly licensed and not registered with the Department of Industrial Relations shall be considered non-responsive and will be rejected.

At the time of contract award, the prime contractor shall possess a Class “A” contractor’s license and/or any combination of “C” specialty contractor’s license(s) sufficient to perform the work.

CITY OF IMPERIAL

INSTRUCTIONS TO BIDDERS

FOR

CONSTRUCTION OF STORM DRAIN SYSTEM AND ASPHALT RUBBER COMPOSITE LAYER OVERLAY ALONG 11TH STREET FROM N "D" STREET TO OLD SR-86

BID NO. 2019-10

PROPOSAL FORMS

Bids shall be submitted in writing on the Bid Proposal forms provided by the CITY, including, all forms "Required Federal Contract Provisions" must be filled and initialed. All information requested therein must be clearly and legibly set forth in the manner and form indicated. The CITY will not consider any bid proposal not meeting these requirements and/or not submitting all forms requested herein.

PROPOSAL GUARANTEE (BID BOND)

Proposals must be accompanied by a proposal guarantee consisting of a certified check or bid bond payable to the CITY in the amount of (10%) of the total amount Bid. Any proposal not accompanied by such a guarantee will not be considered. If a bidder to whom a contract is awarded fails or refuses to execute the contract documents or furnish the required insurance policies and bonds as set forth in those documents, the proposal guarantee shall be forfeited to the CITY. The proposal guarantees of all bidders will be held until the successful bidder has properly executed all contract documents.

NON-COLLUSION AFFIDAVIT

Bidder shall declare that the only persons or parties interested in the proposal as principals are those named therein; that no officer, agent, or employee of the CITY is personally interested, directly or indirectly, in the proposal; that the proposal is made without connection to any other individual, firm, or corporation making a bid for the same work; and that the proposal is in all respects fair and without collusion or fraud. The Non-Collusion Affidavit shall be executed and submitted with the proposal.

PROPOSAL BID SHEET

Bidders shall give unit prices for each and all of the items set forth. No aggregate bids will be considered. The bidder shall set forth for each item of work, in clearly legible figures, a unit item price and a total for the item in the respective spaces provided for this purpose. The quantities listed in the Bid sheets are supplied to give an indication of the general scope of work, but the accuracy of figures is not guaranteed and the bidder shall make his own estimates from the drawings. In case of a variation between the unit price and the totals shown by the bidder, the unit price will be considered to be the bid.

No bidder may withdraw his proposal for a period of sixty (60) days after the time set for opening thereof. However, the CITY will return all proposal guarantees within ten (10) days after the award of the contract or rejection of the bids, as the case may be, to the respective bidders whose proposals they accompany.

DELIVERY OF PROPOSAL

Proposals may be mailed or delivered by messenger. However, it is the bidder's responsibility alone to ensure delivery of the proposal to the hands of the CITY's designated official prior to the bid opening hour stipulated in the "Notice Inviting Sealed Bids." Late proposals will not be considered.

WITHDRAWAL OF PROPOSALS

A proposal may be withdrawn by a written request signed by the bidder. Such requests must be delivered to the CITY's designated official prior to the bid opening hour stipulated in the "Notice Inviting Sealed Bids". The withdrawal of a proposal will not prejudice the right of the bidder to submit a new proposal, providing there is time to do so. Proposals may not be withdrawn after said hour without forfeiture of the proposal guarantee.

IRREGULAR PROPOSALS

Unauthorized conditions, limitations, or provisions attached to a proposal will render it irregular and may cause its rejection. The completed proposal forms shall be without interlineations, alterations, or erasures. Alternative proposals will not be considered unless specifically requested. No oral, telegraphic, or telephonic proposal, modification, or withdrawal will be considered.

TAXES

No mention shall be made in the proposal of Sales Tax, Use Tax, or any other tax, as all unit prices and bid amounts will be deemed and held to include any such taxes, which may be applicable.

DISQUALIFICATION OF BIDDERS

In the event that any bidder acting as a prime contractor has an interest in more than one proposal, all such proposals will be rejected, and the bidder will be disqualified.

This restriction does not apply to subcontractors or suppliers who may submit quotations to more than one bidder, and while doing so, may also submit a formal proposal as a prime contractor.

No contract will be executed unless the bidder is licensed in accordance with the provisions of the State Business and Professions Code.

INTERPRETATION OF PLANS AND DOCUMENTS

If any person contemplates submission of a bid for the proposed contract and is in doubt as to the true meaning of any part of the services to be performed, he may submit to the Engineer of the CITY a written request for an interpretation or correction thereof. The person submitting the request will be responsible for its prompt delivery.

Any interpretation or correction of the proposed documents shall be made only by addendum duly issued and copy of such addendum will be mailed or delivered to each person receiving a set of such documents.

The Engineer will not be responsible for any other explanation or interpretations of the proposed documents.

ADDENDA OR BULLETINS

All bidders are advised as to the possibility of issuance of addenda affecting the items, scope or quantity of the work required for this project. Each bidder shall be fully responsible for informing himself as to whether or not any such addenda have been issued. The effect of all addenda to the Contract Documents shall be considered in the bid, and said addenda shall be made a part of the contract documents and shall be returned with them. Failure to cover in his bid any such addenda issued may render his bid irregular and may result in its rejection by the CITY.

LEGAL RESPONSIBILITIES

All proposals must be submitted, filed, made, and executed in accordance with State and Federal laws relating to bids for contracts of this nature whether the same are expressly referred to herein or not.

Any Bidder submitting a proposal shall by such action thereby agree to each and all of the terms, conditions, provisions, and requirements set forth, contemplated, and referred to in the Contract Documents, and to full compliance therewith.

AWARD OF CONTRACT

Following a review of the bids, the CITY shall determine whether to award the contract or to reject all bids. The award of contract, if made, will be to the lowest responsible Bidder as determined solely by the CITY. At the time of contract award, the successful Bidder shall hold a Class A Contractors License, as required to perform the work, issued by the State of California.

Additionally, the CITY reserves the right to reject any or all proposals, to accept any bid or portion thereof, to waive any irregularity, and to take the bids under advisement for the period of time stated in the "Notice Inviting Sealed Bids", all as may be required to provide for the best interests of the CITY. In no event will an award be made until all necessary investigations are made as to the responsibility and qualifications of the Bidder to whom the award is contemplated.

No bidder may withdraw his proposal for a period of sixty (60) days after the time set for opening thereof. However, the CITY will return all proposal guarantees within ten (10) days after the award of the contract and execution of the contract documents or rejection of the bids, as the case may be, to the respective bidders whose proposals they accompany.

LABOR CODE

Pursuant to the provisions of Section 1773 of the Labor Code of the State of California (herein referred to as Labor Code), the CITY has obtained the general provisions rate of per diem wages and the general prevailing rate for holiday and overtime work in this locality for each craft, classification or type of workman needed to execute the contract from the Director of the Department of Industrial Relations. These rates are on file with the Clerk of the CITY.

Travel and subsistence payments to each workman needed to execute the work shall be made as such travel and subsistence payments are defined in the applicable collective bargaining agreements filed in accordance with Section 1773.8 of the Labor Code.

The Contractor shall comply with the provisions of Section 1774 of the Labor Code. Failure to comply with the subject section will subject the Contractor to penalty and forfeiture provisions of Section 1775 of the Labor Code.

Pursuant to the provisions of Section 1770 of the Labor Code, the general prevailing rate of wages has been ascertained (which rate includes employer payments for health and welfare, vacation, pension and similar purposes) applicable to the work to be done, for straight time, overtime, Saturday, Sunday and holiday work. The holiday wage rate listed shall be applicable to all holidays recognized in the collective bargaining agreement of the particular craft, classification or type of workmen concerned.

The CITY will not recognize any claim for additional compensation because of the payment by the Contractor of any wage rate in excess of the prevailing wage rate set forth in the contract. The possibility of wage increases is one of the elements to be considered by the Contractor in determining his bid, and will not under any circumstances be considered as the basis of a claim against the CITY on the contract.

The CONTRACTOR and subcontractors shall comply with Section 1777.6 of the Labor Code which stipulates that it shall be unlawful to refuse to accept otherwise

qualified employees as registered apprentices solely on the grounds of race, religious creed, color, national origin, ancestry, sex, or age, of such employee, except as provided in Section 3077 of the Labor Code.

WORKMAN'S COMPENSATION CERTIFICATE

Section 3700 of the Labor Code requires that every employer shall secure the payment of compensation by either being insured against liability to pay compensation with one or more insurers or by securing a certificate of consent to self-insure from the State Director of Industrial Relations.

In accordance with this section and with Section 1861 of the Labor Code, the contractor shall sign a Compensation Insurance Certificate, which is included with the Contract Agreement, and submit same to City along with the other required contract documents, prior to performing any work. Reimbursement for this requirement shall be considered as included in the various items of work.

CLAYTON ACT AND CARTWRIGHT ACT

Section 4551 of the State Government Code specifies that in executing a public works contract with the CITY to supply goods, services or materials, the Contractor 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 Sec. 16700) of Part 2 of Division 7 of the Business and Professions Code, arising from purchase of goods, services or materials pursuant to the contract or subcontract. This assignment shall become effective when the CITY tenders final payment to the Contractor without further acknowledgment by the parties.

SUBSTITUTION OF SECURITIES

In conformance with the State of California Public Contract Code Section 22300, the contractor may substitute securities for any funds withheld by the CITY to ensure performance under the contract.

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 funds to the contractor upon notification by CITY of Contractor's satisfactory completion of the contract.

The type of securities deposited and the method of release shall be approved by the City Attorney's office.

SUBLETTING AND SUBCONTRACTING

Pursuant to the Subletting and Subcontracting Fair Practices Act (commencing with Section 4100 of the Government Code), bidders are required to list in their proposal the name and location of place of business of each subcontractor who will perform work or labor or render services in or about the construction of the work or improvement or a subcontractor who specially fabricates and installs a portion of the work or improvement according to detailed drawings contained in the Plans and Specifications in excess of 1/2 of 1% of this prime contractor's total bid. Failure to list a subcontractor for a portion of the work means that the prime contractor will do that portion of the work. It is the Agency's intent for the Subletting and Subcontracting Fair Practices Act to apply to all phases of the work.

CITY BUSINESS LICENSE

The Contractor shall obtain a City of Imperial Business License prior to the City's issuing the Notice to Proceed.
The annual fee for the Business License is one-hundred dollars ($100.00).

CITY OF IMPERIAL

BID PROPOSAL

For

CONSTRUCTION OF STORM DRAIN SYSTEM AND ASPHALT RUBBER COMPOSITE LAYER OVERLAY ALONG 11TH STREET FROM N "D" STREET TO OLD SR-86

BID NO. 2019-10

TO CITY OF IMPERIAL, as CITY:

In accordance with CITY's "Notice Inviting Sealed Bids", the undersigned BIDDER hereby proposes to furnish all materials, equipment, tools, labor, and incidentals required for the above stated project as set forth in the Contract Documents, and to perform all work in the manner and time prescribed.

BIDDER declares that this proposal is based upon careful examination of the work site, Plans, Specifications, Instructions to Bidders, and Contract Documents. If this proposal is accepted for award, BIDDER agrees to enter into a contract with the CITY at the unit and/or lump sum prices set forth in the following Proposal Bid Sheet. BIDDER understands that failure to enter into a contract in the manner and time prescribed will result in forfeiture to the CITY of the Bid Bond accompanying this proposal.

BIDDER understands that a bid is required for the entire work that the estimated quantities set forth in the Proposal Bid Sheet are solely for the purpose of comparing bids, and that final compensation under the contract will be based upon the actual quantities of work satisfactorily completed. It is agreed that the unit and/or lump sum prices bid include all appurtenant expenses, taxes, royalties, and fees. In the case of discrepancies in the amounts bid, unit prices shall govern over extended amounts.

BIDDER agrees and acknowledges that he is aware of the provisions of Section 3700 of the Labor Code which requires every employer to be insured against liability for workman's compensation or to undertake self-insurance in accordance with the provisions of that code, and that the BIDDER will comply with such provisions of that code before commencing the performance of this Contract if awarded it.

BIDDER certifies that in all previous contracts or subcontracts, all reports which may have been due under the requirements of any agency, State, or Federal equal employment opportunity orders have been satisfactorily filed, and that no such reports are currently outstanding.

BIDDER declares that the only persons or parties interested in this proposal as principals are those named herein; that no officer, agent, or employee of the CITY is personally interested, directly or indirectly, in this proposal; that this proposal is made without connection to any other individual, firm, or corporation making a bid for the same work; and that this proposal is in all respects fair and without collusion or fraud.

BIDDER certifies that affirmative action has been taken to seek out and consider disadvantaged business enterprises for those portions of the work to be subcontracted, and that such affirmative actions have been carefully documented, that said documentation is open to inspection, and that said affirmative action will remain in effect for the life of any contract awarded hereunder. Furthermore, BIDDER certifies that affirmative action will be taken to meet all equal employment opportunity requirements of the contract documents.

DATED:_____, 2019

BIDDER:_____

BIDDER'S ADDRESS:

_____

_____

_____

TELEPHONE #:_____

FAX #:_____

BY:_____

TITLE:_____

BIDDER'S INFORMATION

BIDDER certifies that the following information is true and correct:

Bidder's Name_____

Business Address_____

Telephone_____

State Contractor's License No. and Class_____

Original Date Issued _____ Expiration Date_____

The following are the names, titles, addresses, and phone numbers of all individuals, firm members, partners, joint ventures, and/or corporate officers having a principal interest in this proposal:

_____

_____

_____

_____

The dates of any voluntary or involuntary bankruptcy judgments against any principal having an interest in this proposal are as follows:

_____

_____

_____

_____

All current and prior DBA's, alias, and/or fictitious business names for any principal having an interest in this proposal are as follows:

_____

_____

_____

CONTRACTOR'S LICENSING STATEMENT

The undersigned is licensed in accordance with the laws of the State of California providing for the registration of Contractors.

Contractor's License Number:_____

Name of Individual Contractor (Print or type):_____

_____

Signature of Owner:_____

Business Address:_____

_____

Or

Name of Firm:_____

Business Address:_____

_____

Name:_____ Title:_____

Address:_____

_____

Or

Name of Corporation:_____

Corporation Address:_____

_____

Corporation organized under the laws of the State of_____

_____
Signature of President of Corporation

_____
Signature of Secretary of Corporation

LIST OF SUBCONTRACTORS

BIDDER proposes to subcontract certain portions of the work, and to procure materials and equipment from suppliers and vendors as follows:

Name Under Which Subcontractor Is Licensed	Specific License of No.	Address Office Mill/Shop	Percent of Total Contract	Description of Subcontract

REFERENCES

The following are the names, addresses, and phone numbers for three public agencies for which BIDDER has performed similar work within the past two years:

_____

_____

_____

_____

_____

_____

DESIGNATION OF SURETIES

The following are the names, addresses, and phone numbers for all brokers and sureties from whom BIDDER intends to procure insurance and bonds:

_____

_____

_____

_____

_____

_____

_____

CITY OF IMPERIAL
BID BOND

CONSTRUCTION OF STORM DRAIN SYSTEM AND ASPHALT RUBBER COMPOSITE LAYER OVERLAY ALONG 11TH STREET FROM N "D" STREET TO OLD SR-86

BID NO. 2019-10

KNOW ALL MEN BY THESE PRESENTS that _____, as BIDDER, and _____, as SURETY, are held and firmly bound unto the CITY OF IMPERIAL, as CITY, in the penal sum of _____ dollars ($_____), which is ten percent (10%) of the total amount bid by BIDDER to the CITY for the above stated project, for the payment of which sum, BIDDER and SURETY agree to be bound, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, whereas BIDDER is about to submit a bid to CITY for the above stated project, if said bid is rejected, or if said bid is accepted and a contract is awarded and entered into by BIDDER in the manner and time specified, then this obligation shall be null and void, otherwise it shall remain in full force and effect in favor of AGENCY.

WITNESS our hands this ____ day of _____, 2019.

(seal)

_____
CONTRACTOR (CORPORATION) – TYPE

By:_____
President

By_____
Secretary/Treasurer

NOTE: SIGNATURE OF CORPORATE OFFICIALS MUST BE NOTARIZED.

Subscribed and sworn to before me
this _____ day of _____, 2019.

Notary Public_____

(Page 1 of 2)

_____
SURETY'S NAME-TYPE

_____

Mailing Address_____

By:_____
Name

Title_____

NOTE: SIGNATURE OF SURETY MUST BE NOTARIZED.

Subscribed and sworn to before me
this _____ day of _____, 2019.

Notary Public _____

(seal)

NON-COLLUSION AFFIDAVIT

STATE OF CALIFORNIA)
) SS
COUNTY OF_____)

_____being first duly sworn deposes and says that he is_____ (sole owner, a partner, president, etc.) of _____the party making the foregoing bid; that such bid is not made in the interest of or behalf of any undisclosed person, partnership, company, association, organization or corporation, that such bid is genuine and not collusive or a sham, that said bidder has not directly or indirectly induced or solicited any other bidder to put in a sham bid, or that anyone shall refrain from bidding, that said bidder has not in any manner, directly or indirectly sought by agreements, communication or conference with anyone to fix the bid price of said bidder or of any other bidder, or to fix the overhead, profit, or cost element of such bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract or anyone interested in the proposed contract; that all statements contained in such bid are true, and further, that said bidder has not, directly or indirectly submitted his 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 in connection, organization, bid depository, or to any member or persons as have a partnership or other financial interest with said bidder in his general business.

Signed:_____

Title:_____

Subscribed and sworn to before me
this _____ day of _____,2019.

Notary Public_____

CITY OF IMPERIAL

CONSTRUCTION OF STORM DRAIN SYSTEM AND ASPHALT RUBBER COMPOSITE LAYER OVERLAY ALONG 11TH STREET FROM N "D" STREET TO OLD SR-86

BID NO. 2019-10

DESIGNATION/CERTIFICATION OF ASPHALT-RUBBER AND AGGREGATE MEMBRANE CONTRACTOR AND/OR SUBCONTRACTOR(S).

THIS FORM MUST BE INCLUDED AND FULLY COMPLETED WITH THE BID OR THE BID SHALL BE CONSIDERED NON-RESPONSIVE

Bidder proposes to have the ARAM installed by:

_____

(Insert name of Contractor/Sub-Contractor above)

This section shall be completed even if the apparent low bidder plans to produce and install ARAM with its own forces. Name of contractor and/or subcontractor(s) shall be the actual company(ies) applying the binder and aggregate.

For any bid to be considered responsive, performance criteria must be demonstrated on five separate projects performed by the same contractor or subcontractor(s) designated above, and with equivalent aggregate and binder proposed for the ARAM in this bid. A contractor and /or subcontractor(s) will be considered the same if a name change occurs or the contractor and/or subcontractor(s) is a successor-in-interest to the entity identified as performing the work. If contractor or subcontractor(s) cannot demonstrate five separate projects, the City will accept an experience list of its employees and the projects they have completed with equivalent aggregate and binder proposed for the ARAM in this bid. If the City is not able to verify the employee experience list, the bid shall be considered non-responsive. Two years shall have elapsed since completion of the ARAM surface on each project, and the projects shall be located in Southern California in areas or regions which have documented National Weather Service maximum air temperatures of above 105°F during June, July, August and September for a minimum of 40 days on a three year average annual basis.

To be considered a valid representative project, bidder must submit the name of the project, owner agency, agency representative's name and phone number, and a list of streets with limits totaling at least 1 mile (based on full width) in length for each project and the date the project was actually performed. A project will be considered a valid representative project if asphalt emulsion spray application was originally placed with or without an application of sand, within 15 calendar days of the application of ARAM. Any other cover coat or course on the ARAM will cause the ARAM to be considered invalid as a representative project. ARAM on all projects must show insignificant raveling (loss of rock) and insignificant flushing (binder migration to the surface) at the time of inspection by the Agency. Bidder shall verify any proposed representative projects prior to listing a subcontractor(s) with such projects, or the bid will be considered non-responsive. If the Bidder cannot list in the space provided five projects that meet the criteria specified herein that were performed by the proposed ARAM contractor or subcontractor(s), the bid shall be considered non-responsive.

REPRESENTATIVE ARAM PROJECTS

THIS FORM MUST BE INCLUDED AND
FULLY COMPLETED WITH THE BID
OR
THE BID SHALL BE CONSIDERED NON-RESPONSIVE

Name of Project No. 1_____Date Completed_____

Agency_____Agency Contact_____

Phone _____Approx. Length of ARAM (Full Width)_____

Name of Project No. 2_____Date Completed_____

Agency_____Agency Contact_____

Phone _____Approx. Length of ARAM (Full Width)_____

Name of Project No. 3_____Date Completed_____

Agency_____Agency Contact_____

Phone _____Approx. Length of ARAM (Full Width)_____

Name of Project No. 4_____Date Completed_____

Agency_____Agency Contact_____

Phone _____Approx. Length of ARAM (Full Width)_____

Name of Project No. 5_____Date Completed_____

Agency_____Agency Contact_____

Phone _____Approx. Length of ARAM (Full Width)_____

_____	_____	_____
Signature of Bidder	Title	Date

Page 3 of 3

CITY OF IMPERIAL
PROPOSAL BID SHEET Page 1 of 3

FOR

CONSTRUCTION OF STORM DRAIN SYSTEM AND ASPHALT RUBBER COMPOSITE LAYER OVERLAY ALONG 11TH STREET FROM N "D" STREET TO OLD SR-86

BID NO. 2019-10

ITEM	QUANTITY	UNIT	ITEM	UNIT COST	AMOUNT
1	1	LS	Mobilization/Bonds/Insurance	$	$
2	1	LS	**(a)** Preparation/Implementation Traffic Control Plans & Construction Area Signs	$	$
3	1	LS	SWPPP Permit/SWPPP Implementation	$	$
4	8	EA	**(b)** Install Inlets	$	$
5	4	EA	**(b)** Install Junction Boxes	$	$
6	1364	LF	**(b)** Install 23" x 14" HE RCP, Class V	$	$
7	192	LF	**(b)** Install 12" RCP	$	$
8	3,080	SF	Install Four (4) Dig Outs. Includes Removal and Dispose of Existing Asphalt and Class II Base, as well as Placement of 3-Inch Thick Layer of ½" Hot Mix Asphalt Type A over 9 Inches of Class 2 Base.	$	$
9	2	EA	**(c)** Install New 24' Wide P.C.C. Driveway Per Detail D3.	$	$
10	1	EA	**(c)** Install New 21' Wide P.C.C. Driveway Per Detail D3.	$	$
11	1	EA	**(c)** Install New 20' Wide P.C.C. Driveway Per Detail D3.	$	$
12	1	EA	**(c)** Install New 18' Wide P.C.C. Driveway Per Detail D3.	$	$
13	14	EA	**(c)** Install New 15' Wide P.C.C. Driveway Per Detail D3.	$	$
14	2	EA	**(c)** Install New 12' Wide P.C.C. Driveway Per Detail D2.	$	$
15	1	EA	Remove and Replace 15' Long P.C.C. Depressed Curb.	$	$
16	4	EA	Demolition, Remove and Dispose Existing Concrete Curb Return.	$	$
17	165	LF	Install New P.C.C. Depressed Curb Per Detail D13.	$	$
18	5	EA	Install New P.C.C. ADA Accessible Ramps including Subgrade Preparation, Installation of 15Mil Concrete Vapor Barrier, Sand and Truncated Domes Per Detail D7.	$	$
19	1,200	LF	Demolition, Remove and Dispose Existing Freestanding Curb and 2' of AC Pavement to Accommodate New Curb & Gutter.	$	$
20	1,340	LF	Install New P.C.C. Curb & Gutter Per Detail D1.	$	$

21	775	SF	Install P.C.C. Sidewalk, includes Subgrade Preparation and Sand Per Detail D6.	$	$
22	635	SF	Install P.C.C. Spandrel, Includes Subgrade Preparation and Class II Base Per Detail D5.	$	$
23	540	SF	Install 6' Wide P.C.C. Cross-Gutter, Includes Removal and Disposal of Existing AC Pavement, and Class 2 Base, Subgrade Preparation and New Class II Base Per Detail D4	$	$
24	93,200	SF	**(d) (e)** 1" Grinding/Cold Plane Existing AC	$	$
25	480	TON	**(e)** 3/4" Leveling Course: ½" Hot Mix Asphalt Type A and SS1h Tack Coat	$	$
26	93,200	SF	**(e)** 3/8" Asphalt Rubber Aggregate Membrane (ARAM)	$	$
27	920	TON	**(e)** 1.5" Asphalt Rubber Hot Mix (ARHM) Overlay: ½" Aggregate / Type Gap Graded (GG)	$	$
28	4	EA	**(e)** Double Adjust Sanitary Sewer and/or Storm Drain Manhole Covers. Includes Installation of New Concrete Ring Per Detail 11.	$	$
29	20	EA	**(e)** Double Adjust Water Valve and/or Monitoring Well Covers. Includes Installation of New Concrete Ring Per Detail 12.	$	$
30	1	EA	Relocate Existing Fire Hydrant. Includes labor, excavation and furnishing all materials to be used	$	$
31	2	EA	Relocate Existing Stop Sign/Street Name Sign	$	$
32	1	LS	**(f)** Pavement Striping per Sheet 3 of 5.	$	$
33	1	LS	Construction Staking/Surveying Services	$	$
34	1	LS	Geotechnical Quality Control Services	$	$
				Total Bid Proposal:	**$**

(a) Includes two (2) Traffic Control Plans, one for the installation of the Storm Drain System and another for the asphalt overlay operations.

(b) The cost estimate for items from 4 to 7 shall include all fees associated for the excavation, backfill, testing and pavement structure required to restore the street to its original conditions and ready to operate. See Appendix C: "IMPROVEMENT PLANS FOR STORM DRAIN ALONG 11TH STREET FROM F STREETTO OLD SR-86" prepared by Alfred Civil Engineering

(c) Installation of New P.C.C. Driveways includes the Demolition, Removal and Disposal of Existing Concrete Driveway, as well as Subgrade Preparation and Installation of New Class II Base and Reinforcing Bars.

(d) The grindings derived from the construction activity shall be disposed and "stockpiled" at the following Site: City of Imperial Shop Site located at 14th and North "N" Street.

(e) For Items 24 to 29 See Detail Sheet "B" (Sheet 5 of 5).

(f) All pavement markings, pavement legends, and lines shall be thermoplastic. Install 12" wide white stop bar line and yellow crosswalk line per Caltrans Plan A24F. Install "STOP" pavement legend per Caltrans standard plan A24D.

CITY OF IMPERIAL

PROPOSAL BID SHEET Page 3 of 3

FOR

CONSTRUCTION OF STORM DRAIN SYSTEM AND ASPHALT RUBBER COMPOSITE LAYER OVERLAY ALONG 11TH STREET FROM N "D" STREET TO OLD SR-86

BID NO. 2019-10

NOTE 1: ***THE ESTIMATED QUANTITIES INDICATED ABOVE ARE APPROXIMATE. THE ENGINEER WILL NOT ASSUME RESPONSIBILITY FOR THE QUANTITIES ILLUSTRATED IN THE PROJECT PLANS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH THE QUANTITIES.***

NOTE 2: THE LOWEST RESPONSIVE BID WILL BE BASED ON THE LOWEST TOTAL BID PROPOSAL.

TOTAL AMOUNT OF BID PROPOSAL (NUMBERS)_____

TOTAL AMOUNT OF BID PROPOSAL (WORDS)_____

_____

Note: The estimated quantities listed in the Proposal Bid Sheet(s) are supplied to give an indication of the general scope of the work, but the accuracy of these figures is not guaranteed and the bidder shall make his own estimates from the drawings. In case of a variation between the unit price and the totals shown by the bidder, the unit price will be considered to be the bid.

_____

Bidder's Name and Telephone Number

BID PROPOSAL

IN WITNESS WHEREOF, BIDDER executes and submits this bid proposal with the names, titles, hands, and seals of all forenamed principals this_____day of _____ _____, 2019.

Bidder:_____

By:_____

Title:_____

Subscribed and sworn to this _____ day of _____, 2019.

NOTARY PUBLIC_____

AGENCY acknowledges this proposal was received and opened at the time and in the place specified, and that it was accompanied by the required guarantee in the amount of ten percent (10%) of the total bid.

By:_____

Title:_____

CITY OF IMPERIAL
CONSTRUCTION OF STORM DRAIN SYSTEM AND
ASPHALT RUBBER COMPOSITE LAYER OVERLAY ALONG 11TH STREET
FROM N "D" STREET TO OLD SR-86
BID No. 2019-10

This CONSTRUCTION SERVICES AGREEMENT ("Agreement"), is made and effective _____, by and between City of Imperial, a municipal corporation ("AGENCY"), and [insert contractor name], a [sole proprietorship, partnership, limited liability partnership, corporation] ("CONTRACTOR"). In consideration of the mutual covenants and conditions set forth herein, the parties agree as follows:

I. SCOPE OF WORK

The work to be done consists of furnishing of all material, labor, tools, implements, and equipment necessary to construct the storm drains, drop inlets, and manholes, complete and ready to operate; grinding of existing asphalt concrete pavement, installation of conventional asphalt concrete leveling course, asphalt-rubber aggregate membrane, gap graded asphalt-rubber hot mix, installation of conventional asphalt concrete surface course, pavement striping, slurry seal, remove and replace concrete curb and gutter, traffic striping, utility adjustments and traffic control. There are sections of gutter that do not have a proper drainage slope, consequently, the contractor's surveyor must survey these areas to provide a positive flow profile so the street can drain by gravity. These survey elevations (plan & profile) must be submitted to the City Engineer for review and approval. All construction to be in accordance with the details shown on the plans and with these specifications. Asphalt and concrete demolition debris shall be recycled or diverted as required by the City's C&D Ordinance. The grindings derived from the construction activity shall be disposed and "stockpiled" at the following: City of Imperial Shop Site located at 14th and North "N" Street.

The scope of work includes, prior to the start of construction, the coordination between the City of Imperial and the Contractor for the compliance and implementation of the Project Environmental Conditions. Testing and Studies called for shall be paid by City.

By entering into this Agreement, CONTRACTOR acknowledges that there may be other contractors on the site whose work will be coordinated with that of its own. CONTRACTOR expressly warrants and agrees that it will cooperate with other contractors and will do nothing to delay, hinder, or interfere with the work of other separate contractors, the AGENCY, the Construction Manager, the Architect, or utilities. CONTRACTOR also expressly agrees that, in the event its work is hindered, delayed, interfered with, or otherwise affected by a separate contractor, its sole remedy will be a direct action against the separate contractor. To the extent allowed by law, the CONTRACTOR will have no remedy, and hereby expressly waives any remedy against the AGENCY, the Construction Manager, or the Architect on account of delay, hindrance, interference or other events caused by a separate contractor.

II. TIME FOR PROJECT COMPLETION

All of CONTRACTOR's work on the Project shall be completed within durations established for the individual activities as set forth in the Project Construction Schedule. All work shall commence ten (10) calendar days after receiving a written Notice to Proceed from the AGENCY or Construction Manager, if a Construction Manager is employed by AGENCY on the Project. CONTRACTOR shall refer to the invitations for

bids, and Project Plans and Specifications, all of which, as set forth below, are incorporated herein by reference, for contractual obligations regarding individual activity durations. The aggregate sum total work of all individual Prime Contractors to the AGENCY comprises the entire "Project" and shall be commenced and completed in conformance with the Project Construction Schedule. The entire Project shall be completed within **sixty (60) consecutive calendar days.**

III. THE CONTRACT SUM

The AGENCY shall pay to the CONTRACTOR for the performance of this Agreement, subject to any additions and deductions provided in the Project documents, the sum of _____ ($____.00).

IV. PROGRESS PAYMENTS

Based upon Applications for Payment submitted to the Architect by the CONTRACTOR and Certificates for Payment issued by the Architect, the AGENCY shall make progress payments on account of the Contract Sum to the CONTRACTOR as provided in the General Conditions.

This Agreement is subject to the provisions of Article 1.7 (commencing at Section 20104.50) of Division 2, Part 3 of the Public Contract Code regarding prompt payment of contractors by local governments. Article 1.7 mandates certain procedures for the payment of undisputed and properly submitted payment requests within 30 days after receipt, for the review of payment requests, for notice to Contractor of improper payment requests, and provides for the payment of interest on progress payment requests which are not timely made in accordance with that Article. This AGREEMENT hereby incorporates the provisions of Article 1.7 as though fully set forth herein.]

V. RETENTION OF SECURITIES

Public Contract Code Section 22300 permits the substitution of securities for any monies withheld by a public agency to ensure performance under a contract, at the request and expense of the CONTRACTOR.

VI. INDEMNITY, DEFENSE AND HOLD HARMLESS AGREEMENT

CONTRACTOR shall indemnify, defend with legal counsel approved by AGENCY, and hold harmless AGENCY, its officers, officials, employees and volunteers from and against all liability, loss, damage, expense, cost (including without limitation reasonable legal counsel fees, expert fees and all other costs and fees of litigation) of every nature arising out of or in connection with CONTRACTOR's negligence, recklessness or willful misconduct in the performance of work hereunder or its failure to comply with any of its obligations contained in this Agreement, except such loss or damage which is caused by the sole or active negligence or willful misconduct of the AGENCY. Should conflict of interest principles preclude a single legal counsel from representing both AGENCY and CONTRACTOR, or should AGENCY otherwise find CONTRACTOR's legal counsel unacceptable, then CONTRACTOR shall reimburse the AGENCY its costs of defense, including without limitation reasonable legal counsel fees, expert fees and all other costs and fees of litigation. The CONTRACTOR shall promptly pay any final judgment

rendered against the AGENCY (and its officers, officials, employees and volunteers) with respect to claims determined by a trier of fact to have been the result of the CONTRACTOR's negligent, reckless or wrongful performance. It is expressly understood and agreed that the foregoing provisions are intended to be as broad and inclusive as is permitted by the law of the State of California and will survive termination of this Agreement.

CONTRACTOR obligations under this section apply regardless of whether such claim, charge, damage, demand, action, proceeding, loss, stop notice, cost, expense, judgment, civil fine or penalty, or liability was caused in part or contributed to by an Indemnitee. However, without affecting the rights of AGENCY under any provision of this agreement, CONTRACTOR shall not be required to indemnify and hold harmless AGENCY for liability attributable to the active negligence of AGENCY, provided such active negligence is determined by agreement between the parties or by the findings of a court of competent jurisdiction. In instances where AGENCY is shown to have been actively negligent and where AGENCY'S active negligence accounts for only a percentage of the liability involved, the obligation of CONTRACTOR will be for that entire portion or percentage of liability not attributable to the active negligence of AGENCY.

VII. PREVAILING WAGES

A. In accordance with the provisions of Labor Code §§1770 to 1781, the City Council of The City of Imperial has adopted the latest publication of the General Prevailing Wage Rates entitled, "State of California, Department of Transportation, Equipment Rental Rates and General Prevailing Wage Rates."

B. The following Labor Code sections are hereby referenced and made a part of this Agreement:

1. Section 1775 - Penalty for Failure to Comply with Prevailing Wage Rates.
2. Section 1777.4 - Apprenticeship Requirements.
3. Section 1777.5 - Apprenticeship Requirements.
4. Section 1813 - Penalty for Failure to Pay Overtime.
5. Sections 1810 and 1811 - Working Hour Restrictions.
6. Section 1775 - Payroll Records.
7. Section 1773.8 - Travel and Subsistence Pay.

VIII. RECORD AUDIT

In accordance with Government Code, Section 8546.7, records of both the AGENCY and the CONTRACTOR shall be subject to examination and audit by the Auditor General for a period of three (3) years after final payment.

IX. FINAL PAYMENT

Final payment, constituting the entire unpaid balance of the Agreement Sum, shall be paid by the AGENCY to the CONTRACTOR no sooner than thirty-five (35) days after a Notice of Completion has been recorded, unless otherwise stipulated in the Notice of Completion, provided the work has then been completed, the Agreement fully performed, and a final Certificate for Payment has been issued by the Architect.

X. CONTRACTOR'S FAILURE TO PROCURE COMPLETION OF PROJECT

In the event CONTRACTOR fails to furnish tools, equipment, or labor in the necessary quantity or quality, or fails to prosecute the work or any part thereof contemplated by this Agreement in a diligent and workmanlike manner, and if the CONTRACTOR for a period of three (3) calendar days after receipt of written demand from AGENCY or its designated representative to do so, fails to furnish tools, equipment, or labor in the necessary quantity or quality, and to prosecute its work and all parts thereof in a diligent and workmanlike manner, or after commencing to do so within said three (3) calendar days, fails to continue to do so; then the AGENCY may exclude the CONTRACTOR from the premises, or any portion thereof, and take possession of said premises or any portion thereof, together with all material and equipment thereon, and may complete the work contemplated by this Agreement or any portion of said work, either by furnishing the tools, equipment, labor or material necessary, or by letting the unfinished portion of said work, or the portion taken over by the AGENCY to another contractor or by a combination of such methods. In any event, the procuring of the completion of said work, or the portion thereof taken over by the AGENCY, shall be a charge against the CONTRACTOR, and may be deducted from any money due or becoming due to CONTRACTOR from the AGENCY, or the CONTRACTOR shall pay the AGENCY the amount of said charge, or the portion thereof unsatisfied. The sureties, provided for under this Agreement shall become liable for payment should CONTRACTOR fail to pay in full any said cost incurred by the AGENCY.

XI. INSURANCE

Prior to the beginning of and throughout the duration of the Work, CONTRACTOR and its subcontractors shall maintain insurance in conformance with the requirements set forth below. CONTRACTOR will use existing coverage to comply with these requirements. If that existing coverage does not meet the requirements set forth herein, CONTRACTOR agrees to amend, supplement or endorse the existing coverage to do so.

CONTRACTOR acknowledges that the insurance coverage and policy limits set forth in this section constitute the minimum amount of coverage required. Any insurance proceeds available to CONTRACTOR or its subcontractors in excess of the limits and coverage identified in this Agreement and which is applicable to a given loss, claim or demand, will be equally available to AGENCY.

A. CONTRACTOR shall provide the following types and amounts of insurance:

Without limiting CONTRACTOR's indemnification of AGENCY, and prior to commencement of Work, CONTRACTOR shall obtain, provide and maintain at its own expense during the term of this Agreement, policies of insurance of the type and amounts described below and in a form satisfactory to AGENCY.

General liability insurance. CONTRACTOR shall maintain commercial general liability insurance with coverage at least as broad as Insurance Services Office form CG 00 01, in an amount not less than $1,000,000 per occurrence, $2,000,000 general aggregate, for bodily injury, personal injury, and property damage, and a $2,000,000 completed

operations aggregate. The policy must include contractual liability that has not been amended. Any endorsement restricting standard ISO “insured contract” language will not be accepted.

Automobile liability insurance. CONTRACTOR shall maintain automobile insurance at least as broad as Insurance Services Office form CA 00 01 covering bodily injury and property damage for all activities of the CONTRACTOR arising out of or in connection with Work to be performed under this Agreement, including coverage for any owned, hired, non-owned or rented vehicles, in an amount not less than $1,000,000 combined single limit for each accident.

Umbrella or excess liability insurance. [Optional depending on limits required] CONTRACTOR shall obtain and maintain an umbrella or excess liability insurance that will provide bodily injury, personal injury and property damage liability coverage at least as broad as the primary coverages set forth above, including commercial general liability, automobile liability, and employer’s liability. Such policy or policies shall include the following terms and conditions:

- A drop-down feature requiring the policy to respond in the event that any primary insurance that would otherwise have applied proves to be uncollectable in whole or in part for any reason;
- Pay on behalf of wording as opposed to reimbursement;
- Concurrency of effective dates with primary policies;
- Policies shall “follow form” to the underlying primary policies; and
- Insureds under primary policies shall also be insureds under the umbrella or excess policies.

Workers’ compensation insurance. CONTRACTOR shall maintain Workers’ Compensation Insurance (Statutory Limits) and Employer’s Liability Insurance (with limits of at least $1,000,000) for CONTRACTOR’s employees in accordance with the laws of the State of California, Section 3700 of the Labor Code. In addition, CONTRACTOR shall require each subcontractor to similarly maintain Workers’ Compensation Insurance and Employer’s Liability Insurance in accordance with the laws of the State of California, Section 3700 for all of the subcontractor’s employees.

CONTRACTOR shall submit to AGENCY, along with the certificate of insurance, a Waiver of Subrogation endorsement in favor of AGENCY, its officers, agents, employees and volunteers.

Pollution liability insurance. Environmental Impairment Liability Insurance shall be written on a CONTRACTOR’s Pollution Liability form or other form acceptable to AGENCY providing coverage for liability arising out of sudden, accidental and gradual pollution and remediation. The policy limit shall be no less than $1,000,000 dollars per claim and in the aggregate. All activities contemplated in this Agreement shall be specifically scheduled on the policy as “covered operations.” The policy shall provide coverage for the hauling of waste from the project site to the final disposal location, including non-owned disposal sites.

Builder’s risk insurance. Upon commencement of construction and with approval of AGENCY, CONTRACTOR shall obtain and maintain builder’s risk insurance for the

entire duration of the Project until only the AGENCY has an insurable interest. The Builder's Risk coverage shall include the coverages as specified below.

The named insureds shall be CONTRACTOR and AGENCY, including its officers, officials, employees, and agents. All Subcontractors (excluding those solely responsible for design Work) of any tier and suppliers shall be included as additional insureds as their interests may appear. CONTRACTOR shall not be required to maintain property insurance for any portion of the Project following transfer of control thereof to AGENCY. The policy shall contain a provision that all proceeds from the builder's risk policy shall be made payable to the AGENCY. The AGENCY will act as a fiduciary for all other interests in the Project.

Policy shall be provided for replacement value on an "all risk" basis for the completed value of the project. There shall be no coinsurance penalty or provisional limit provision in any such policy. Policy must include: (1) coverage for any ensuing loss from faulty workmanship, Nonconforming Work, omission or deficiency in design or specifications; (2) coverage against machinery accidents and operational testing; (3) coverage for removal of debris, and insuring the buildings, structures, machinery, equipment, materials, facilities, fixtures and all other properties constituting a part of the Project; (4) Ordinance or law coverage for contingent rebuilding, demolition, and increased costs of construction; (5) transit coverage (unless insured by the supplier or receiving contractor), with sub-limits sufficient to insure the full replacement value of any key equipment item; (6) Ocean marine cargo coverage insuring any Project materials or supplies, if applicable; (7) coverage with sub-limits sufficient to insure the full replacement value of any property or equipment stored either on or off the Site or any staging area. Such insurance shall be on a form acceptable to Agency to ensure adequacy of terms and sublimits and shall be submitted to the Agency prior to commencement of construction.

Other provisions or requirements

Proof of insurance. CONTRACTOR shall provide certificates of insurance to AGENCY as evidence of the insurance coverage required herein, along with a waiver of subrogation endorsement for workers' compensation. Insurance certificates and endorsements must be approved by AGENCY's risk manager prior to commencement of performance. Current certification of insurance shall be kept on file with AGENCY at all times during the term of this contract. AGENCY reserves the right to require complete, certified copies of all required insurance policies, at any time.

Duration of coverage. 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 CONTRACTOR, his agents, representatives, employees or subcontractors. CONTRACTOR must maintain general liability and umbrella or excess liability insurance for as long as there is a statutory exposure to completed operations claims. AGENCY and its officers, officials, employees, and agents shall continue as additional insureds under such policies.

Primary/noncontributing. Coverage provided by CONTRACTOR shall be primary and any insurance or self-insurance procured or maintained by AGENCY shall not be required to contribute with it. The limits of insurance required herein may be satisfied by

a combination of primary and umbrella or excess insurance. Any umbrella or excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and non-contributory basis for the benefit of AGENCY before the AGENCY's own insurance or self-insurance shall be called upon to protect it as a named insured.

Products/completed operations coverage. Products/completed operations coverage shall extend a minimum of three (3) years after project completion. Coverage shall be included on behalf of the insured for covered claims arising out of the actions of independent contractors. If the insured is using subcontractors, the Policy must include work performed "by or on behalf" of the insured. Policy shall contain no language that would invalidate or remove the insurer's duty to defend or indemnify for claims or suits expressly excluded from coverage. Policy shall specifically provide for a duty to defend on the part of the insurer. The AGENCY, its officials, officers, agents, and employees, shall be included as additional insureds under the Products and Completed Operations coverage.

Agency's rights of enforcement. In the event any policy of insurance required under this Agreement does not comply with these requirements or is canceled and not replaced, AGENCY has the right but not the duty to obtain the insurance it deems necessary and any premium paid by AGENCY will be promptly reimbursed by CONTRACTOR or AGENCY will withhold amounts sufficient to pay premium from CONTRACTOR payments. In the alternative, AGENCY may cancel this Agreement.

Acceptable insurers. All insurance policies shall be issued by an insurance company currently authorized by the Insurance Commissioner to transact business of insurance or is on the List of Approved Surplus Line Insurers in the State of California, with an assigned policyholders' Rating of A- (or higher) and Financial Size Category Class VII (or larger) in accordance with the latest edition of Best's Key Rating Guide, unless otherwise approved by the AGENCY's risk manager.

Waiver of subrogation. All insurance coverage maintained or procured pursuant to this agreement shall be endorsed to waive subrogation against AGENCY, its elected or appointed officers, agents, officials, employees and volunteers or shall specifically allow CONTRACTOR or others providing insurance evidence in compliance with these specifications to waive their right of recovery prior to a loss. CONTRACTOR hereby waives its own right of recovery against AGENCY, and shall require similar written express waivers and insurance clauses from each of its subconsultants.

Enforcement of contract provisions (non estoppel). CONTRACTOR acknowledges and agrees that any actual or alleged failure on the part of the AGENCY to inform CONTRACTOR of non-compliance with any requirement imposes no additional obligations on the AGENCY nor does it waive any rights hereunder.

Requirements not limiting. Requirements of specific coverage features or limits contained in this Section are not intended as a limitation on coverage, limits or other requirements, or a waiver of any coverage normally provided by any insurance. Specific reference to a given coverage feature is for purposes of clarification only as it pertains to a given issue and is not intended by any party or insured to be all inclusive, or to the exclusion of other coverage, or a waiver of any type. If the CONTRACTOR maintains higher limits than the minimums shown above, the AGENCY requires and shall be

entitled to coverage for the higher limits maintained by the CONTRACTOR. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the AGENCY.

Notice of cancellation. CONTRACTOR agrees to oblige its insurance agent or broker and insurers to provide to AGENCY with a thirty (30) day notice of cancellation (except for nonpayment for which a ten (10) day notice is required) or nonrenewal of coverage for each required coverage.

Additional insured status. General liability policies shall provide or be endorsed to provide that AGENCY and its officers, officials, employees, agents, and volunteers shall be additional insureds under such policies. This provision shall also apply to any excess/umbrella liability policies.

Prohibition of undisclosed coverage limitations. None of the coverages required herein will be in compliance with these requirements if they include any limiting endorsement of any kind that has not been first submitted to AGENCY and approved of in writing.

Separation of insureds. A severability of interests provision must apply for all additional insureds ensuring that CONTRACTOR's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the insurer's limits of liability. The policy(ies) shall not contain any cross-liability exclusions.

Pass through clause. CONTRACTOR agrees to ensure that its subconsultants, subcontractors, and any other party involved with the project who is brought onto or involved in the project by CONTRACTOR, provide the same minimum insurance coverage and endorsements required of CONTRACTOR. CONTRACTOR agrees to monitor and review all such coverage and assumes all responsibility for ensuring that such coverage is provided in conformity with the requirements of this section. CONTRACTOR agrees that upon request, all agreements with consultants, subcontractors, and others engaged in the project will be submitted to AGENCY for review.

Agency's right to revise requirements. The AGENCY reserves the right at any time during the term of the contract to change the amounts and types of insurance required by giving the CONTRACTOR a ninety (90) day advance written notice of such change. If such change results in substantial additional cost to the CONTRACTOR, the AGENCY and CONTRACTOR may renegotiate CONTRACTOR's compensation.

Self-insured retentions. Any self-insured retentions must be declared to and approved by AGENCY. AGENCY reserves the right to require that self-insured retentions be eliminated, lowered, or replaced by a deductible. Self-insurance will not be considered to comply with these specifications unless approved by AGENCY.

Timely notice of claims. CONTRACTOR shall give AGENCY prompt and timely notice of claims made or suits instituted that arise out of or result from CONTRACTOR's performance under this Agreement, and that involve or may involve coverage under any of the required liability policies.

Additional insurance. CONTRACTOR shall also procure and maintain, at its own cost and expense, any additional kinds of insurance, which in its own judgment may be necessary for its proper protection and prosecution of the Work.

XII. CONTRACTOR'S LICENSE

CONTRACTOR must possess at the time of commencing work and throughout the Project duration, a Contractor's License, issued by the State of California, which is current and in good standing. CONTRACTOR shall ensure that any subcontractor working on the Project possesses at the time of commencing work and throughout the Project duration, a Contractor's License, issued by the State of California, which is current and in good standing.

XIII. REGISTRATION REQUIREMENTS

Pursuant to Section 1771.1(a) of the Labor Code:

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

CONTRACTOR must be registered with the Department of Industrial Relations (DIR) of the State of California in order to be eligible to work on public works projects. CONTRACTOR must ensure registration with the DIR that is active and in good standing.

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 pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)].

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.

This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

The CONTRACTOR is not subject to public works requirements (including registration with the DIR) if the public works project is under $1,000, unless the AGENCY knows that the same CONTRACTOR will be awarded total project costs in excess of $1,000 for a given year.

XIV. CORPORATION IN GOOD STANDING

If CONTRACTOR is a corporation, the undersigned hereby represents and warrants that the corporation is duly incorporated and in good standing in the State of

_____, and that _____ whose title is _____, is authorized to act for and bind the corporation.

XV. PROVISIONS REQUIRED BY LAW

Each and every provision of law and clause required by law to be inserted in this Agreement shall be deemed to be inserted herein and the Agreement shall be read and enforced as though it were included herein, and if through mistake or otherwise any such provision is not inserted, or is not currently inserted, then upon application of either party the Agreement shall forthwith be physically amended to make such insertion or correction.

XVI. SUBSURFACE HAZARDOUS MATERIALS

A. In the event trenches or other excavations extend deeper than four (4) feet below the surface, the CONTRACTOR shall promptly, and before the following conditions are disturbed, notify the AGENCY in writing of any:

1. Material that the CONTRACTOR believes may be material that is hazardous waste, as defined in Section 25117 of the Health and Safety Code, that is required to be removed to a Class I, Class II or Class III disposal site in accordance with the provisions of existing law.
2. Subsurface or latent physical conditions at the site differing from those indicated.
3. Unknown physical conditions at the site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in the Work or the character provided for in the CONTRACT.

B. Upon receipt of said notification the AGENCY will investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste, and cause a decrease or increase in the CONTRACTOR's cost of or the time required for performance of any part of the work, the AGENCY will issue a change order under the procedures described in the General Conditions.

C. In the event that a dispute arises between the AGENCY and the CONTRACTOR whether the conditions materially differ, or involve hazardous waste or cause a decrease or increase in the CONTRACTOR's cost of or time required for performance of any part of the work, the CONTRACTOR shall not be excused from any scheduled completion date provided for by the Agreement, but shall proceed with all work to be performed under the Agreement. The CONTRACTOR shall retain any and all rights provided either by Agreement or by law which pertain to the resolution of disputes and protests between the contracting parties.

XVII. LIQUIDATED DAMAGES

Pursuant to Government Code Section 53069.85, if work is not completed within the contract time or in strict accordance with the Project Schedule, it is understood, acknowledged and agreed that the AGENCY will suffer damage. It is therefore agreed that the CONTRACTOR shall pay to the AGENCY the sum of five hundred dollars ($500.00) for each and every calendar day of delay beyond the Contract Time, or beyond any completion schedule, construction schedule or Project milestones

established in or pursuant to the Project Schedule, or beyond the time indicated in the Project Schedule for any individual Contract activity.

CONTRACTOR expressly understands, acknowledges and agrees that such liquidated damages can and shall be imposed if the CONTRACTOR does not meet each and every aspect of any activity schedule, completion schedule, construction schedule or Project milestones established in or pursuant to the Project Schedule. If the AGENCY accepts work or makes any payment under this Agreement after a default by reason of delays, the acceptance of such work and/or payment(s) shall in no respect constitute a waiver or modification of any provisions regarding Contract Time, a completion schedule, the Project Schedule or the accrual of liquidated damages. In the event the same is not paid, the CONTRACTOR further agrees that the AGENCY may deduct the amount thereof from any money due or that may become due the CONTRACTOR under the Agreement. This Article does not exclude recovery of damages under provisions of the Contract Documents, and is expressly in addition to the AGENCY's ability to seek other damages.

CONTRACTOR is to refer to Section II of this AGREEMENT for Project Construction Schedule for duration of individual activities. Liquidated damages may be assessed if any individual activity duration exceeds the time indicated for that activity on the Project Construction Schedule.

XVIII. CLAIM PROCEDURES UNDER PUBLIC CONTRACT CODE SECTION 9204

CONTRACTOR shall comply with the procedure set forth in Public Contracts Code section 9204 for any claim, as that term is defined therein, for one or more of the following: 1) a time extension, including, without limitation, for relief from damages or penalties for delay, 2) payment of money or damages arising from work done pursuant to this Agreement, and/or 3) payment of an amount disputed by the AGENCY under this Agreement.

XIX. COMPONENT PARTS OF THE CONTRACT

This Agreement entered into consists of the following CONTRACT DOCUMENTS, all of which are component parts of the Agreement as if herein set out in full or attached hereto:

6.1 Invitation for Bids/Advertisement.
6.2 Proposal Requirements.
6.3 General Conditions
6.4 Supplemental General Conditions (State)
6.5 Specifications
6.6 Special Provisions
6.7 Proposal Bid Form
6.8 Bid Bond
6.9 Proposal Agreement
6.10 Agreement
6.11 Faithful Performance Bond
6.12 Labor and Material Bond
6.13 Workers' Compensation Insurance Certification
6.14 Subcontractor's Listing
6.15 Noncollusion Affidavit

6.16 Drug and Alcohol Testing Requirements
6.17 Corporate Certification or Partnership Information
6.18 Contractor's Certification of Qualification for License Classification

All of the above named CONTRACT DOCUMENTS are intended to be complementary. Work required by one of the above named CONTRACT DOCUMENTS and not by others shall be done as if required by all.
The Contract Documents may only be amended by Change Order as provided in section 1-20 of the General Conditions.

No assignment by a party hereto of any rights under or interests in the Contract Documents will be binding on another party hereto without the written consent of the party sought to be bound; and specifically but without limitation monies that may become due and monies that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

XX. ENTIRE CONTRACT

AGENCY and CONTRACTOR each bind itself, its partners, successors, assigns and legal representative to the other pat hereto, its partners, successors, assigns and legal representative in respect of all covenants, agreements and obligations contained in the Contract Documents.

This Agreement constitutes the entire contract of the parties. No other agreements or contracts, whether oral or written, pertaining to the work to be performed, exists between the parties. This Agreement can be modified only by an amendment in writing, signed by both parties.

CONTRACTOR
[Name of Contractor]

By: _____

Title: _____

Date: _____

AGENCY
City of Imperial

By: _____

Stefan T. Chatwin, City Manager

Date: _____

ATTEST:

_____
Debra Jackson,City Clerk

APPROVED AS TO FORM:

By: _____
Dennis H. Morita, City Attorney

CONTRACT PERFORMANCE BOND

(CALIFORNIA PUBLIC WORK)

KNOW ALL MEN BY THESE PRESENTS:

THAT WHEREAS, the CITY OF IMPERIAL (sometimes referred to hereinafter as "Obligee") has awarded to _____(hereinafter designated as the "Contractor"), an agreement for the work described as follows:

CONSTRUCTION OF STORM DRAIN SYSTEM AND ASPHALT RUBBER COMPOSITE LAYER OVERLAY ALONG 11TH STREET FROM N "D" STREET TO OLD SR-86

BID NO. 2019-10

(hereinafter referred to as the "Public Work"); and

WHEREAS, the work to be performed by the Contractor is more particularly set forth in that certain contract for the said Public Work dated_____ ,(hereinafter referred to as the "Contract"), which Contract is incorporated herein by this reference; and

WHEREAS, the Contractor is required by said Contract to perform the terms thereof and to provide a bond both for the performance and guaranty thereof.

NOW, THEREFORE, we, _____, the undersigned Contractor, as Principal, and _____ _____, a corporation organized and existing under the laws of the State of _____, and duly authorized to transact business under the laws of the State of California, as Surety, are held and firmly bound unto the City of Imperial in the sum of_____ _____Dollars ($_____) said sum being not less than one hundred percent (100%) of the total amount payable by the said Obligee under the terms of the said Contract, for which amount will and truly to be made, we bind ourselves, our heirs, executors and administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that, if the bounden Contractor, his or its heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and will and truly keep and perform the covenants, conditions and agreements in the said Contract and any alteration thereof made as therein provided, on his or its part, to be kept and performed at the time and in the manner therein specified, and in all respects according to their intent and meaning; and shall faithfully fulfill the one year guarantee of all materials and workmanship; and indemnify and save harmless the Obligee, its officers and agents, as stipulated in said Contract, then this obligation shall become null and void; otherwise it shall be and remain in full force and effect.

The said 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 thereunder or the Specifications accompanying the same shall in any way 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.

No final settlement between the Obligee and the Contractor shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

Contractor and Surety agree that if the Obligee is required to engage the services of an attorney in connection with enforcement of the bond, each shall pay Obligee's reasonable attorney's fees incurred, with or without suit, in addition to the above sum.

IN WITNESS WHEREOF, we have hereunto set our hands and seals
this _____ day of _____, 2019.

PRINCIPAL/CONTRACTOR:

_____

By:_____

SURETY:

_____

By:_____
Attorney-in-Fact

The rate of premium on this bond is _____ per thousand.

The total amount of premium charged: $_____

(The above must be filled in by corporate surety).

IMPORTANT: Surety companies executing bonds must possess a certificate of authority from the California Insurance Commissioner authorizing them to write surety insurance defined in Section 105 of the California Insurance Code, and if the work or project is financed, in whole or in part, with federal, grant or loan funds, it must also appear on the Treasury Department's most current list (Circular 570 as amended). **THIS IS A REQUIRED FORM**.

Any claims under this bond may be addressed to:

(Name and Address of Surety) _____

_____

_____

_____

(Name and Address of agent or representative for service of process in California if different from above) _____

_____

_____

(Telephone Number of Surety and agent or representative for service of process in California). _____

STATE OF CALIFORNIA)
) ss.
COUNTY OF _____)

On this _____ day of_____, in the year 2019, before me, _____, a Notary Public in and for said State, personally appeared_____ _____, known to me to be the person whose name is subscribed to the within instrument as the Attorney-in-Fact of the_____ _____ (Surety) thereto and his own name as Attorney-in-Fact.

_____
Notary Public in and for said State

(SEAL)

My Commission expires:_____

NOTE: A copy of the power of attorney to local representatives of the bonding company must be attached hereto.

PAYMENT BOND

(CALIFORNIA PUBLIC WORK)

KNOW ALL MEN BY THESE PRESENTS:

THAT WHEREAS, the City of Imperial (sometimes referred to hereinafter as "Obligee") has awarded to(hereinafter designated as the "Contractor"), an agreement dated _____ _____, described as follows:

CONSTRUCTION OF STORM DRAIN SYSTEM AND ASPHALT RUBBER COMPOSITE LAYER OVERLAY ALONG 11TH STREET FROM N "D" STREET TO OLD SR-86

BID NO. 2019-10

(hereinafter referred to as the "Contract"): and

WHEREAS, said Contractor is required to furnish a bond in connection with said Contract, and pursuant to Section 3247 of the California Civil Code;

NOW, THEREFORE, We, _____, the undersigned Contractor, as Principal; and _____, a corporation organized and existing under the laws of the State of _____, and duly authorized to transact business under the laws of the State of California, as Surety, are held and firmly bound unto the City of Imperial and to any and all persons, companies or corporations entitled to file stop notices under Section 3181 of the California Civil Code, in the sum of_____ _____Dollars ($_____) said sum being not less than one hundred percent (100%) of the total amount payable by the said Obligee under the terms of the said Contract, for which payment will and truly to be made, we bind ourselves, our heirs, executors and administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that, if said Contractor, his or its heirs, executors, administrators, successors or assigns, or Sub-contractors, shall fail to pay for any materials, provisions or other supplies, implements, machinery or power used in, upon for or about the performance of the Public Work contracted to be done, or to pay any person for any work or labor of any kind, or for bestowing skills or other necessary services thereon, or for amounts due under the Unemployment Insurance Code with respect to such work or labor, or for any amounts required to be deducted, withheld, and paid over to the Employment Development Department from the wages of employees of paid Contractor and his Subcontractors pursuant to Section 13020 of the Unemployment Insurance Code with respect to such work and labor as required by the provisions of Section 3247 through 3252 of the Civil Code, the Surety or Sureties hereon will pay for same in an amount not exceeding the sum specified in this bond, otherwise the above obligation shall be void. In addition to the provisions hereinabove, it is agreed that this bond will inure to the benefit of any and all persons, companies and corporations entitled to serve stop notices under Section 3181 of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or additions to the terms of the said Contract or to the work to be performed thereunder or the Specifications accompanying the same shall in any way 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.

No final settlement between the Obligee and the Contractor hereunder shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

Contractor and Surety agree that if the Obligee is required to engage the services of an attorney in connection with the enforcement of this bond, each shall pay Obligee's reasonable attorney's fees incurred, with or without suit, in addition to the above sum.

IN WITNESS WHEREOF, we have hereunto set our hands and seal this
_____day of _____, 2019.

PRINCIPAL/CONTRACTOR:

_____

By:_____

SURETY:_____

By:_____
Attorney-in-Fact

IMPORTANT: Surety companies executing bonds must possess a certificate of authority from the California Insurance Commissioner authorizing them to write surety insurance defined in Section 105 of the California Insurance Code, and if the work or project is financed, in whole or in part, with federal, grant or loan funds, it must also appear on the Treasury Department's most current list (Circular 570 as amended). **THIS IS A REQUIRED FORM**.

Any claims under this bond may be addressed to:

(Name and Address of Surety) _____

_____

_____

_____

(Name and Address of agent or representative for service of process in California if different from above) _____

_____

_____

(Telephone Number of Surety and agent or representative for service of process in California). _____

STATE OF CALIFORNIA)
) ss.
COUNTY OF _____)

On this_____ day of_____, in the year 2019, before me, _____, a Notary Public in and for said State personally appeared_____ _____, known to me to be the person whose name is subscribed to the within instrument as the Attorney-in-Fact of the_____(Surety) and acknowledged to me that he subscribed the name of the _____ _____(Surety) thereto and his own name as Attorney-in-Fact.

_____
Notary Public in and for said State

(SEAL)

My Commission expires:_____

Note: A copy of the power of attorney to local representatives of the bonding company must be attached hereto.

GENERAL LIABILITY ENDORSEMENT

CITY OF IMPERIAL
420 S. Imperial Ave.
Imperial, CA 92251

A. POLICY INFORMATION Endorsement #_____

1. Insurance Company:_____

   Policy Number:_____

2. Policy Term: (From)_____(To)_____

   Endorsement Effective Date:_____

3. Named Insured:_____

4. Address of Named Insured:_____

   _____

5. Limit of Liability Any One Occurrence/Aggregate:
   $_____

6. Deductible or Self-Insured Retention (Nil unless otherwise specified):
   $_____

7. Coverage is equivalent to:

   Comprehensive General Liability form GL0002_____

   _____

   Commercial General Liability "Occurrence" form CG0001_____

   _____

8. Bodily Injury and Property Damage Coverage is:_____"occurrence"

Note: The City of Imperial standard insurance requirements specify "occurrence" coverage. "Claims-made" coverage is not acceptable. If commercial general liability form or equivalent is used, the general aggregate must apply separately to this location/project or the general aggregate must be twice the occurrence limit.

9. Description of Project:_____

   _____

   _____

B. POLICY AMENDMENTS

This endorsement is issued in consideration of the policy premium. Notwithstanding any inconsistent statement in the policy to which this endorsement is attached or any other endorsement attached thereto, it is agreed as follows:

1. INSURED. As respects any work performed on the above-described Project, the City of Imperial, its elected or appointed officers, officials, employees, consulting engineers, and volunteers are included as insured with regard to damages and defense of claims arising from: (a) activities performed by or on behalf of the Named Insured, (b) products and completed operations of the Named Insured, or (c) premises owned, leased or used by the Named Insured.

2. CONTRIBUTION NOT REQUIRED. As respects: (a) work performed by the Named Insured on the above-described Project for or on behalf of the City of Imperial; or (b) products sold by the Named Insured to the City of Imperial for use on the Project; or (c) premises leased by the Named Insured from the City of Imperial, the insurance afforded by this policy shall be primary insurance as respects the City of Imperial, its elected or appointed officers, officials, employees, consulting engineers, or volunteers; or stand in an unbroken chain of coverage excess of the Named Insured schedule underlying primary coverage. In either event, any other insurance maintained by the City of Imperial, its elected or appointed officers, officials, employees, consulting engineers, or volunteers shall be in excess of this insurance and shall not contribute with it.

3. SCOPE OF COVERAGE. This policy, if primary, affords coverage at least as broad as:

   (1) Insurance Services Office form number GL 0002 (Ed. 1/73), Comprehensive General Liability Insurance and Insurance Services Office form number GL 0404 Broad Form Comprehensive General Liability endorsement; or

   (2) Insurance Services Office Commercial General Liability Coverage, "occurrence" form CG 0001; or

   (3) If excess, affords coverage which is at least as broad as the primary insurance forms referenced in the preceding sections (1) and (2).

4. SEVERABILITY OF INTEREST. The insurance afforded by this policy applies separately to each insured who is seeking coverage or against whom a claim is made or a suit is brought, except with respect to the Company's limit of liability.

5. PROVISIONS REGARDING THE INSURED'S DUTIES AFTER ACCIDENT OR LOSS. Any failure to comply with reporting provisions of the policy shall not affect coverage provided to the City Imperial, its elected or appointed officer, officials, employees, consulting engineers or volunteers.

6. CANCELLATION NOTICE. The insurance afforded by this policy shall not be suspended, voided, canceled, reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail return receipt requested has been given to the City of Imperial. Such notice shall be addressed as shown in the heading of this endorsement.

C. INCIDENT AND CLAIM REPORTING PROCEDURE

Incidents and claims are to be reported to the insurer at:

ATTN:_____
(Title) (Department)

_____
(Company)

_____
(Street Address)

_____
(City) (State) (Zip Code)

_____
(Telephone Number)

D. SIGNATURE OF INSURER OR AUTHORIZED REPRESENTATIVE OF THE INSURER

I, _____, warrant that I have authority to bind the listed Insurance company and by my signature hereon do so bind this company.
(print/type name)

_____
SIGNATURE OF AUTHORIZED REPRESENTATIVE (Original Signature required on endorsement furnished to the City of Imperial)

ORGANIZATION:_____

TITLE:_____

ADDRESS:_____

TELEPHONE:_____

AUTOMOBILE LIABILITY ENDORSEMENT

CITY OF IMPERIAL
420 S. Imperial Ave.
Imperial, CA 92251

A. POLICY INFORMATION Endorsement #_____

1. Insurance Company:_____

   Policy Number:_____

2. Policy Term: (From) _____(To)_____

   Endorsement Effective Date:_____

3. Named Insured:_____

4. Address of Named Insured:_____

5. Limit of Liability Any One Occurrence/Aggregate
   $_____

6. Deductible or Self-Insured Retention (Nil unless otherwise specified):
   _____

B. POLICY AMENDMENTS

This endorsement is issued in consideration of the policy premium. Notwithstanding any inconsistent statement in the policy to which this endorsement is attached or any other endorsement attached thereto, it is agreed as follows:

1. *INSURED*. The City of Imperial, its elected or appointed officers, officials, consulting engineers, employees and volunteers are included as insured with regard to damages and defense of claims arising from: the ownership, operation, maintenance, use, loading or unloading of any auto owned, leased, hired or borrowed by the Named Insured, regardless of whether liability is attributable to the Named Insured or a combination of the Named Insured and the City of Imperial, its elected or appointed officers, officials, employees, consulting engineers or volunteers.

2. CONTRIBUTION NOT REQUIRED. As respects work performed by the Named Insured for or on behalf of the City of Imperial, the insurance afforded by this policy shall:

(a) be primary insurance as respects the City of Imperial, its elected or appointed officers, officials, employees, consulting engineers or volunteers;

or

(b) stand in an unbroken chain of coverage in excess of the Named Insured's primary coverage. In either event, any other insurance maintained by the City of Imperial, its elected or appointed officers, officials, employees or volunteers shall be in excess of this insurance and shall not contribute with it.

3. SCOPE OF COVERAGE. This policy, if primary, affords coverage to the Named Insured at least as broad as:

   (1) Insurance Services Office form number CA 00001 (Ed. 1/78), Code 1 ("any auto") and endorsement CA 0025.
   (2) If excess, affords coverage which is at least as broad as the primary insurance forms referenced in the preceding section (1).

4. SEVERABILITY OF INTEREST. The insurance afforded by this policy applies separately to each insured who is seeking coverage or against whom a claim is made or a suit is brought, except with respect to the Company's limit of liability.

5. PROVISIONS REGARDING THE INSURED'S DUTIES AFTER ACCIDENT OR LOSS. Any failure to comply with reporting provisions of the policy shall not affect coverage provided to the City of Imperial, its elected or appointed officer, officials, employees, consulting engineers or volunteers.

6. CANCELLATION NOTICE. The insurance afforded by this policy shall not be suspended, voided, canceled, reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail return receipt requested has been given to the City of Imperial. Such notice shall be addressed as shown in the heading of this endorsement.

C. INCIDENT AND CLAIM REPORTING PROCEDURE

Incidents and claims are to be reported to the insurer at:

ATTN: _____
(Title) (Department)

_____
(Company)

_____
(Street Address)

_____
(City) (State) (Zip Code)

_____
(Telephone)

D. SIGNATURE OF INSURER OR AUTHORIZED REPRESENTATIVE OF THE INSURER

I, _____, warrant that I have authority to bind the listed Insurance Company and by my signature hereon do so bind this company.
(print/type name)

_____
SIGNATURE OF AUTHORIZED REPRESENTATIVE (Original Signature required on endorsement furnished to the City of Imperial)

ORGANIZATION:_____

TITLE:_____

ADDRESS:_____

TELEPHONE:_____

WORKER'S COMPENSATION/EMPLOYERS LIABILITY ENDORSEMENT

CITY OF IMPERIAL
420 S. Imperial Ave.
Imperial, CA 92251

A. POLICY INFORMATION Endorsement #_____

1. Insurance Company:_____

   Policy Number:_____

2. Effective Date of This Endorsement:_____

3. Named Insured:_____

4. Employer's Liability Limit (Coverage B)_____

B. POLICY AMENDMENTS

In consideration of the policy premium and notwithstanding any inconsistent statement in the policy to which this endorsement is attached or any other endorsement attached thereto, it is agreed as follows:

1. CANCELATION NOTICE. The insurance afforded by this policy shall not be suspended, voided, canceled, reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail return receipt requested has been given to the City of Imperial. Such notice shall be addressed as shown in the heading of this endorsement.

2. WAIVER OF SUBGROGATION. The Insurance Company agrees to waive all rights of subrogation against the City of Imperial, its elected or appointed officers, officials, agents and employees for losses paid under the terms of this policy which arise from work performed by the Named Insured for the City of Imperial.

C. SIGNATURE OF INSURER OR AUTHORIZED REPRESENTATIVE OF THE INSURER

I, _____, warrant that I have authority to bind the listed Insurance company and by my signature hereon do so bind this company.
(print/type name)

_____
SIGNATURE OF AUTHORIZED REPRESENTATIVE (Original Signature required on endorsement furnished to the City of Imperial)

ORGANIZATION:_____

TITLE:_____

ADDRESS:_____

TELEPHONE:_____

CITY OF IMPERIAL

GENERAL SPECIFICATIONS

FOR

CONSTRUCTION OF STORM DRAIN SYSTEM AND ASPHALT RUBBER COMPOSITE LAYER OVERLAY ALONG 11TH STREET FROM N "D" STREET TO OLD SR-86

BID NO. 2019-10

SCOPE OF WORK

The work to be done consists of furnishing of all material, labor, tools, implements, and equipment necessary to construct the storm drains, drop inlets, and manholes, complete and ready to operate; grinding of existing asphalt concrete pavement, installation of conventional asphalt concrete leveling course, asphalt-rubber aggregate membrane, gap graded asphalt-rubber hot mix, installation of conventional asphalt concrete surface course, pavement striping, slurry seal, remove and replace concrete curb and gutter, traffic striping, utility adjustments and traffic control. There are sections of gutter that do not have a proper drainage slope, consequently, the contractor's surveyor must survey these areas to provide a positive flow profile so the street can drain by gravity. These survey elevations (plan & profile) must be submitted to the City Engineer for review and approval. All construction to be in accordance with the details shown on the plans and with these specifications. Asphalt and concrete demolition debris shall be recycled or diverted as required by the City's C&D Ordinance. The grindings derived from the construction activity listed under Item 2 of the Proposal Bid Sheet, shall be disposed and "stockpiled" at the following the following location: City of Imperial Shop Site located at 14th and North "N" Street.

The scope of work includes, prior to the start of construction, the coordination between the City of Imperial and the Contractor for the compliance and implementation of the Project Environmental Conditions. Testing and Studies called for shall be paid by City.

LOCATION OF WORK

1. Along 11th Street from N "D" Street to Old SR-86 as shown on construction plans.

TIME OF COMPLETION

The Contractor shall complete all work in every detail within **60 calendar days** after the date of the Notice to Proceed, exclusive of maintenance periods.

TRAFFIC REQUIREMENTS

All streets must remain open to public traffic. Temporary street and/or sidewalk closures may be made with the prior approval of the City Engineer.

UTILITY REQUIREMENTS

The Contractor is advised of the existence of the utility notification service provided by UNDERGROUND SERVICE ALERT (USA). USA member utilities will provide the Contractor with an approximate location of their substructures in the construction area when the Contractor gives at least 48 hours notice to the Underground Service Alert by calling 1-800-422-4133. Contractor shall contact USA as specified and shall provide the City with proof of contact with USA upon request.

The Contractor shall notify the following agencies at least 48 hours in advance of excavating

around any of their structures. The utility companies listed below can be contacted as indicated.

1. Imperial Irrigation District: Ernie Benitez, (760) 482-3405
2. Southern California Gas: Joe Montenegro, (760) 352-6100
3. SBC - Telephone Company: Daniel Garcia, (760) 337-3358
4. Time Warner (cable TV): Keith Johnson, (760) 352-8835
5. Imperial County Public Works Department: John Gay, Director, (760) 482-4462
6. Public Services Director: Jackie Loper, (760) 355-3336
8. Community Development Director: Othon Mora, (760) 355-1152

The Contractor shall exercise extreme care to protect all existing utilities in place whether shown on the plans or not, and shall assume full responsibility for all damage resulting from his operations. The Contractor shall coordinate with each utility company as to the requirements and methods for protection of their facilities during the construction period, and shall be responsible for preparation and processing of any required plans or permits. The Contractor shall assume full responsibility to maintain uninterrupted service for all utilities, including temporary service connections. Payment for protection in place shall be deemed as included in the items of work as shown on the proposal bid sheet and no additional compensation will be allowed.

FLOW AND ACCEPTANCE OF WATER

It is anticipated that storm, surface or other waters may be encountered at various times and locations during the work herein contemplated. The Contractor, by submitting a bid, acknowledges that he has investigated the risk arising from such waters and has prepared his bid accordingly, and Contractor, by submitting a bid, assumes all of said risk.

The Contractor shall conduct his operations in such a manner that storm or other waters may proceed uninterrupted along their existing street or drainage courses. Diversion of water for short reaches to protect construction in progress will be permitted if public and/or private properties, in the opinion of the Engineer, are not subject to the probability of damage. The Contractor shall obtain written permission from the applicable public agency or property owner before any diversion of water outside of street right of way will be permitted.

REMOVAL OF WATER / DEWATERING

The Contractor shall provide and maintain at all times during construction ample means and devices to promptly remove and properly dispose of all water entering the excavations or other parts of the work. Dewatering for the pipelines shall commence when ground water is first encountered, and shall be continuous until such time as the excavated area or trenches are properly backfilled. Dewatering shall be accomplished by well points or some other method which will insure a preservation of final lines and grade of the bottoms of excavation, all subject to the approval of the Engineer.

Disposal of water from dewatering operations shall be the sole responsibility of the Contractor. Disposal methods shall conform to the Porter-Cologne Water Quality Control Act, 1974, the Federal Water Pollution Control Act Amendments of 1972, and the California Administrative Code, Title 23, Chapter 3.

Full compensation of dewatering shall be considered as included in the contract prices paid for the related items of work, and no additional compensation will be allowed therefore.

TRENCH EXCAVATION AND SHORING

For any contract for public works for excavation of any trench or trenches five (5) feet of more in depth, the Agency shall require submission by the Contractor and acceptance by the awarding body or by a Registered Civil or Structural Engineer to whom authority to accept has been delegated, in advance of excavation, a detailed plan showing 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. This plan shall be prepared by a Registered Civil or Structural Engineer.

Nothing in this Section shall be deemed to allow the use of a shoring, sloping, or protective system less effective than that required by the safety standards set forth by the State of California Safety Requirements. Nothing in this Section shall be construed to impose tort liability on the awarding body or any of its employees.

STANDARD SPECIFICATIONS

The Standard Specifications of the Agency are contained in the latest edition of the *STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION*, as written and promulgated by the Joint Cooperative Committee of the Southern California Chapter of the American Public Works Association and the Southern California District of the Associated General Contractors of California (The Greenbook).

Copies of these Standard Specifications are available from the publisher:

Building News, Incorporated
P.O. Box 3031 Terminal Annex
Los Angeles, California 90051
(213) 202-7775
http://www.bnibooks.com

The Standard Specifications set forth above will control the general provisions for this contract except as amended by the Plans, Special Provisions, or other contract documents.

The section numbers of the following Special Provisions coincide with those of the said Standard Specifications. Only those sections requiring amendment or elaboration, or specifying options, are called out.

In case of conflict between the Standard Specifications and the Special Provisions, the Special Provisions shall take precedence over and be used in lieu of such conflicting portions.

References in the Special Provisions to Standard Plans shall mean the Standard Plans of the City of Imperial or other governing agency as specified.

Where the Plans or Specifications describe portions of the work in general terms, but not in complete detail, it is understood that the item is to be furnished and installed complete and in place and that only the best general practice is to prevail and that only materials and workmanship of the first quality are to be used. Unless otherwise specified, the Contractor shall furnish all labor, materials, tools, equipment and incidentals, and do all the work involved in executing the contract.

WAGE RATES AND LABOR CODE REQUIREMENTS

Wage Rates

The Contractor and all Subcontractors shall be required to adhere to the higher of the Federal or State general prevailing rate of per diem wages as determined and published by Davis-Bacon or the State Director of the Department of Industrial Relations, pursuant to Sections 1770, 1773, and 1773.2 of the California Labor Code. Copies of these rates and the latest revisions thereto are on file in the Office of the Clerk of the Agency and are available for review upon request.

Attention is directed to the provisions of Sections 1774, 1775, 1776, 1777.5, and 1777.6 of the State Labor Code. Sections 1774 and 1775 require the Contractor and all subcontractors to pay not less than the highest of either the federal or state prevailing wage rates to all workmen employed in the execution of the contract and specify forfeitures and penalties for failure to do so. The minimum state wage rates to be paid are those determined by the State Director of the Department of Industrial Relations. Section 1776 requires the Contractor and all Subcontractors to keep accurate payroll records, specifies the contents thereof, their inspection and duplication procedures, and certain notices required of the Contractor pertaining to their location.

Apprentices

Section 1777.5 requires the Contractor or Subcontractor employing tradesmen in any apprentice able occupation to apply to the Joint Apprenticeship Committee nearest the site of the public works project and which administers the apprenticeship program in that trade for a certificate of approval. The certificate will also fix the ratio of apprentices to journeymen to be used in the performance of the contract.

The Contractor is required to make contributions to funds established for the administration of apprenticeship programs if he employs registered apprentices or journeymen in any apprentice able trade and if other Contractors on the public works site are making such contributions.

Information relative to apprenticeship standards, contributions, wage schedules and other requirements may be obtained from the State Director of Industrial Relations or from the Division of Apprenticeship Standards.

Clayton Act and Cartwright Act

Section 4551 of the State Government Code specifies that in executing a public works contract with the Agency to supply goods, services or materials, the Contractor or Subcontractors offers and agrees to assign to the Agency 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 Sec. 16700) of Part 2 of Division 7 of the Business and Professions Code, arising from purchase of goods, services or materials pursuant to the contract or subcontract. This assignment shall become effective when the Agency tenders final payment to the contractor without further acknowledgment by the parties.

CITY OF IMPERIAL
SPECIAL PROVISIONS

For

CONSTRUCTION OF STORM DRAIN SYSTEM AND ASPHALT RUBBER COMPOSITE LAYER OVERLAY ALONG 11TH STREET FROM N "D" STREET TO OLD SR-86

BID NO. 2019-10

MODIFICATIONS TO: STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

PART I - GENERAL PROVISIONS

SECTION 1 - TERMS, DEFINITIONS, ABBREVIATIONS AND SYMBOLS

1-1 *DEFINITIONS*.

City	- City of Imperial
Board	- City Council
Caltrans	- California Department of Transportation
County	- County of Imperial
Engineer	- City Engineer
Federal	- United States of America
State	- State of California

SECTION 2 - SCOPE AND CONTROL OF THE WORK

2-1 *AWARD AND EXECUTION OF CONTRACT*.
Is amended as follows:

Within ten (10) working days after the date of the Notice of Award, the Contractor shall execute and return the following contract documents to the Agency:

~ Contract Agreement
~ Faithful Performance Bond
~ Payment Bond
~ General Liability Endorsement
~ Automobile Liability Endorsement
~ Worker's Compensation/Employers Liability Endorsement

Failure to comply with the above will result in annulment of the award and forfeiture of the Proposal Guarantee.

The Contract Agreement shall not be considered binding upon the City until executed by the authorized City officials.

A corporation to which an award is made may be required, before the Contract Agreement is executed by the City, to furnish evidence of its corporate existence, of its right to enter into contracts in the State of California, and that the officers signing the contract and bonds for the corporation have the authority to do so.

2-2 *CONTRACT BONDS.*
add the following:

Both the Faithful Performance Bond and the Payment Bond shall each be for not

less than one hundred percent (100%) of the total contract amount. The Payment Bond shall remain in force until thirty-five (35) days after the date of recordation of the Notice of Completion. The Faithful Performance Bond will not be released until one year after said date.

2-3 *PLANS AND SPECIFICATIONS*.
2-3.1 *General*.
the first paragraph is amended as follows:

The Contractor shall maintain a control set of Plans and Specifications on the project site at all times. All final locations determined in the field, and any deviations from the Plans and Specifications, shall be marked in red on this control set to show the record conditions. Upon completion of all work, the Contractor shall return the control set to the Engineer. Final payment will not be made until this requirement is met.

SECTION 3 - CHANGES IN WORK

3-1 *CHANGES INITIATED BY THE AGENCY*
3-1.1 General.
add the following:

The term "Contract Price" as specified herein shall serve to mean the total dollar value of the Contractor's original bid for all of the various items of work combined and shall not be construed to mean the subtotal shown for any singular item of work.

3-2 *EXTRA WORK*
3-2.1 Payment
3-2.2 Markup.

add the following as the first paragraph:

The markups mentioned hereinafter shall include, but are not limited to, all costs for the services of superintendents, project managers, timekeepers, and other personnel not working directly on the change order and pickup or yard trucks used by the above personnel. These costs shall not be reported as labor or equipment elsewhere except when actually performing work directly on the change order and then shall not be reported at the labor classification of the work performed.

SECTION 4 - CONTROL OF MATERIALS

4-1 *MATERIALS AND WORKMANSHIP*
4-1.1 Test of Materials.
add the following:

TESTING LABORATORY SERVICES
All test which require the services of a laboratory to determine compliance with the Contract Documents shall be performed by an independent commercial testing

laboratory acceptable to the Engineer.

Samples and test specimens will be delivered to the testing laboratory by testing laboratory personnel. The testing laboratory shall perform all laboratory tests within a reasonable time.

Contractor shall furnish all sample materials and cooperate in the sampling and field testing activities, interrupting the Work when necessary. When sampling or testing activities are performed in the field by Engineer, Contractor shall furnish personnel and facilities to assist in the activities as required.

The City shall not retain any testing laboratory against which Contractor has reasonable objection, and if at any time during the construction process the services become unacceptable to Contractor, Contractor may request in writing that such services be terminated.

The request must be supported with evidence of improper testing. If the Engineer determines that sufficient cause exists, the Engineer shall terminate the services and engage a different testing laboratory.

TRANSMITTAL OF TEST REPORTS
Written reports of tests and engineering data furnished by Contractor for Engineer's review of materials and equipment proposed to be used in the Work shall be submitted as specified for Shop Drawings.

The testing laboratory retained by the Engineer will furnish three copies of a written report of each test performed by laboratory personnel. Two copies of each test report will be transmitted to the engineer and one copy to the Contractor within three working days after each test is completed.

SECTION 5 - UTILITIES

5-1 *LOCATION.*
add the following paragraph:

The Contractor shall notify the utilities designated in the General Specifications at least 48 hours in advance of excavating around any of their structures.

SECTION 6 - PROSECUTION, PROGRESS, AND ACCEPTANCE OF THE WORK

6-1 *CONSTRUCTION SCHEDULE AND COMMENCEMENT OF WORK*.
is amended as follows:

The Contractor's proposed Construction Schedule shall be submitted to the Engineer within ten (10) working days after the date of the Notice of Award of Contract. The schedule shall be supported by written statements from each supplier of materials or equipment indicating that all orders have been placed and acknowledged, and setting forth the dates that each item will be delivered.

Prior to issuing the Notice to Proceed, the Engineer will schedule a pre-construction meeting with the Contractor to review the proposed Construction Schedule and delivery dates, arrange the utility coordination, discuss construction methods, and clarify inspection procedures.

The Contractor shall submit periodic Progress Reports to the Engineer by the tenth day of each month. The report shall include an updated Construction Schedule. Any deviations from the original schedule shall be explained. Progress payments will be withheld pending receipt of any outstanding reports.

6-2 *TIME OF COMPLETION*.
6-2.1 General.
add the following:

The time for completion shall be **60 calendar days** from the issuance date of the Notice to Proceed.

6-2.2 Working Day.
is amended as follows:

The Contractor's activities shall be confined to the hours between 7:00 AM and 6:00 PM, Monday through Friday, excluding holidays. Deviation from these hours will not be permitted without the prior consent of the City of Imperial Planning and Development Department, except in emergencies involving immediate hazard to persons or property.

In the event of either a requested or emergency deviation, inspection service fees will be charged against the Contractor. The service fees will be calculated at overtime rates including benefits, overhead, and travel time. The service fees will be deducted from any amounts due the Contractor.

6-3 *LIQUIDATED DAMAGES*.
the last sentence is amended as follows:

For each consecutive calendar day in excess of the time specified, as adjusted in accordance with Subsection 6-6, for completion of the work the Contractor shall pay to the Agency, or have withheld from monies due it, the sum of $1,000.00 per day.

SECTION 7 - RESPONSIBILITIES OF THE CONTRACTOR

7-1 *CONTRACTOR'S EQUIPMENT AND FACILITIES*.
add the following:

A noise level limit of 86 dbA at a distance of fifty feet (50') shall apply to all construction equipment on or related to the job whether owned by the Contractor or not. The use of excessively loud warning signals shall be avoided except in those cases required for the protection of personnel.

7-2 *LABOR*.
7-2.2 *Laws*.
add the following:

The Contractor, and all subcontractors, suppliers and vendors, shall comply with all Agency, State, and Federal orders regarding affirmative action to ensure equal employment opportunities and fair employment practices. Failure to file any report due under said orders will result in suspension of periodic progress payments.

The Contractor shall ensure unlimited access to the job site for all equal

employment opportunity compliance officers.

7-3 *LIABILITY INSURANCE*.

the entire Subsection is amended as follows:

7-3.1 Indemnification.

The Contractor shall indemnify and save harmless the CITY OF IMPERIAL and the County of Imperial from all claims or suits for damages arising from his prosecution of the contract work, as more fully described in Subsection 7-3.2 "Contractor's Liability".

The Contractor shall maintain during the life of the contract a protective liability policy. The policy shall provide for not less than the following amounts;

Bodily Injury	$ 500,000	each person
	$1,000,000	each accident
	$1,000,000	aggregate products and completed operations
Property Damage	$ 250,000	each accident
		Worker's Compensation Statutory

All liability insurance policies shall bear an endorsement or shall have attached a rider whereby it is provided that, in the event of expiration or proposed cancellation of such policies for any reason whatsoever, the Agency shall be notified by registered mail, return receipt requested, giving a sufficient time before the date thereof to comply with any applicable law or statute, but in no event less than 30 days before expiration or cancellation is effective. The following statement shall be included on the insurance certificate:

> *"Additional Insured: The insurer agrees that the City and its City Council, and/or all City Council appointed groups, committees, boards and any other City Council appointed body, and/or elective and appointive officers, servants or employees of the City when acting as such are additional insured hereunder, for the acts of the insured, and such insurance shall be primary to any insurance of the City."*

The Contractor agrees to protect, defend and indemnify the CITY OF IMPERIAL against loss, damage or expense by reason of any suit, claims, demands, judgments and causes of action caused by the Contractor, his employees, agents or any subcontractor or by any third party arising out of or in consequence of the performance of all or any operations covered by the Certificate of Insurance. The Contractor, at his option, may include such coverage under his Public Liability coverage.

7-3.2 *Contractor's Liability*.

The CITY OF IMPERIAL, its City Council, or the Engineer shall not be answerable or accountable in any manner, for any loss or damage that may happen to the work or any part thereof; or for any of the materials or other things used or employed in performing the work; or for injury to any person or persons, either workmen or the public; or for damage to adjoining property from any cause which might have been prevented by the Contractor, or his workmen, or any one employed by him; against

all of which injuries or damages to persons and property the Contractor having control over such work must properly guard. The Contractor shall be responsible for any damage to any person or property resulting from defects or obstructions at any time before its completion and final acceptance, and shall indemnify and save harmless the CITY OF IMPERIAL, its City Council, and the Engineer from all suits or actions of every name and description, brought for, or on account of, any injuries or damages received or sustained by any person or persons, or by the Contractor, his servants or agents, in the construction of the work or by or in consequence of any negligence in guarding the same, in improper materials used in its construction, or by or on account of any act or omission of the Contractor or his agents, and so much of the money due the Contractor under and by virtue of the Contract as shall be considered necessary by the City may be retained by the City until disposition has been made of such suits or claims for damages aforesaid.

If, in the opinion of the Engineer, the precautions taken by the Contractor are not safe or adequate at any time during the life of the Contract, he may order the Contractor to take further precautions, and if the Contractor shall fail to do so, the Engineer may order the work done by others and charge the Contractor for the cost thereof, such cost to be deducted from any moneys due or becoming due the Contractor. Failure of the Engineer to order such additional precautions, however, shall not relieve the Contractor from his full responsibility for public safety.

7-4 *PERMITS*.

the first sentence is amended as follows:

Prior to the start of any work, the Contractor shall take out the applicable Agency permits and make arrangements for Agency inspections. The Contractor and all subcontractors shall each obtain any and all other permits, licenses, inspections, certificates, or authorizations required by any governing body or public utility. Payment for this work shall be included in the bid items of work and no additional compensation will be allowed. The City of Imperial will waive the City's usual encroachment permit fees.

The Contractor and all subcontractors shall each obtain any and all other permits, licenses, inspections, certificates, or authorizations required by any governing body or public utility. Payment for this work shall be included in the bid items of work and no additional compensation will be allowed.

7-5 *PUBLIC CONVENIENCE AND SAFETY*.

7-5.1 Traffic and Access.
add the following:

When entering or leaving roadways carrying public traffic, the Contractor's equipment, whether empty or loaded, shall in all cases yield to public traffic.

The Contractor shall notify all affected property owners of the proposed schedule a minimum of 48 hours, but not more than 72 hours, in advance of any limitation or closure of access to their property. Form of said notice shall be as approved by the Engineer and shall contain the date and time of the closure. In the event of delay,

whether beyond the control of the Contractor or not, the Contractor shall notify all affected property owners as to the extent of the delay and his revised schedule. In the event of delay over 72 hours, the Contractor shall re-notify the property owners as described above. Payment for notification and coordination as per Section 7-10 as modified herein shall be included in the compensation paid for the various items of work and no additional compensation will be allowed.

7-5.2 Storage of Equipment and Materials in Public Streets.
add the following:

The Contractor shall assume full responsibility for any damage caused by stockpiling and shall repair same at his expense. The Contractor shall also be responsible for providing traffic control as required to protect the public from hazards caused by stockpiling within the right of way. Payment for the above, if any, will be deemed as included in the items of work and no additional compensation will be allowed.

The Contractor may, at his own expense, maintain and operate a work and storage area outside of the public right-of-way.

In such case the Contractor shall submit to Agency written authorization from the owners of the subject property prior to occupation. Occupation of site without written authorization shall be grounds for immediate suspension of work.

Location of site to be approved by Agency. Condition and operation of yard shall conform to these specifications. The Contractor shall assume full responsibility for all damage to the site resulting from his operations and shall repair and/or replace same, at his own expense, to the satisfaction of the owner of the subject property. The Contractor shall vacate site and return it to pre-project condition within five (5) working days following application for Notice of Completion. The Contractor shall obtain a written release from the property owner accepting the condition of the vacated site and releasing the Contractor from any further clean-up or restoration work and shall submit a copy of such release to Agency. The Notice of Completion will not be issued until said release is submitted.

7-5.3 Street Closures, Detours, and Barricades.
add the following:

The Contractor shall maintain the minimum traffic requirements designated in the General Specifications. It shall be the Contractor's responsibility to furnish a detailed detour signing and barricade plan for Agency approval.

The Contractor shall be responsible for providing temporary access to all driveways at the end of each workday.

The Contractor shall provide and maintain all other signs, barricades, pedestals, flashers, delineators and other necessary facilities for the protection of the public within the limits of the construction area. He shall also post proper signs to notify the public regarding detours and the condition of the roadway, all in accordance with the provisions of the Vehicle Code and the current State of California Department of Transportation Manual of Warning Signs, Lights and Devices for Use in Performance of Work Upon Highways.

The Contractor shall furnish competent flagmen as are necessary to give adequate warning to traffic or to the public of any dangerous conditions to be encountered. Flagmen, while on duty and assigned to give warnings to the public of construction and of any dangerous conditions to be encountered as a result thereof, shall perform their duties and shall be provided with the necessary equipment in accordance with the current "Instructions to Flagmen," of the Department of Transportation. The equipment shall be furnished and kept clean and in good repair by the Contractor, at his expense.

Should the Contractor appear to be neglectful or negligent in furnishing warning and protective measures as provided, the Engineer may direct attention to the existence of a hazard and the necessary warning and protective measures shall be furnished and installed by the Contractor at his expense. Should the Engineer point out the inadequacy of warning and protective measures, such action on the part of the Engineer shall not relieve the Contractor from responsibility for public safety or abrogate his obligation to furnish any pay for these devices.

The Contractor shall distribute notices to all affected residents and businesses at the stated minimum time prior to the start of work:

Excavations, overlays and miscellaneous repairs – 36 hours

The Contractor shall also be required to post "Temporary No Parking" signs along the streets to be resurfaced during each working day, forty-eight (48) hours prior to resurfacing. The "NOTICES" and "Temporary No Parking" signs will be furnished by the Contractor.

The Contractor shall notify the following entities at least forty-eight (48) hours in advance of any street closure or restriction to access:

1. City of Imperial Engineering Division at 355-1152
2. Fire Department at 355-1191
3. Imperial Police Dept. at 355-4327
4. Imperial County Sheriff's Dept.482-6301
5. Imperial County Public Works Dept.482-4462

Full compensation for conforming to this article shall be considered as included in the various items of work involved, and no additional compensation will be allowed therefore.

7-5.4 *Safety*.

7-5.4.1 *Safety Orders*.
add the following:

CONSTRUCTION SAFETY ORDERS
The Construction Safety orders of the State of California,
Department of Industrial Relations, effective November 15, 1975, and as amended, shall be applicable to the work in this contract. The Contractor's special attention is directed to:

Article 6

Excavations, Trenches and Earthwork

Article 11

Traffic Control, Flagmen, Barriers and Warning signs; and

***Article 28 ***

Miscellaneous Construction Equipment prior to the start of work, the Contractor will be required to obtain a permit from the Office of the Division of Occupational Safety and Health. The office serving the Imperial area is at 7807 Convoy court, Suite 140, San Diego, California 92111, Telephone Number; (619) 637-5534.

The Contractor shall provide the City Engineer's office with a copy of the permit prior to the start of excavation, and the permit shall be maintained on the job site at any timework requiring trenching or shoring operations exist.

Where excavation of any trench 5 feet or more in depth is required, the Contractor shall submit to the City Engineer for approval, in writing, two weeks in advance of excavations, a detailed plan showing the design of shoring bracing, sloping, protection of existing utilities, or other provisions to be made for worker protection from the hazard of caving ground during the excavation of such trench. If such plan varies from shoring system standards established by the Construction Safety Order. The plan shall be prepared by a Registered Civil or Structural Engineer.

Copies of said regulations are available from the documents Section, P.O. box 20191, Sacramento, California 95820. The cost of furnishing labor, tools, equipment, services and items required thereby shall be borne by the Contractor as part of this contract work and he shall not be entitled to additional compensation for compliance with said regulations.

7-6 *PAYROLL RECORDS*.
add the following paragraph:

Payroll records shall be submitted to the Agency by the tenth day of each month. Progress payments will be withheld pending receipt of any outstanding reports.

SECTION 8 - MEASUREMENT AND PAYMENT

8-1 Partial and Final Payment.
the last paragraph is amended as follows:

The closure date for periodic progress payments will be five (5) working days prior to the first Monday of each month.

The final progress payment will not be released until the Contractor returns the control set of Plans and Specifications showing the as-built conditions.

The full ten percent (10%) retention will be deducted from all payments. The final retention will be authorized for payment thirty-five (35) days after the date of recordation of the Notice of Completion.

In conformance with the Public Contracts Code, Section 22300, the Contractor may substitute securities for any monies withheld by the Agency to secure performance under the contract.

At the request and expense of the Contractor, securities equivalent to the amount

withheld shall be deposited with the Agency or with a State or Federally chartered bank as the escrow agent who shall pay such monies to the Contractor upon notification by Agency of Contractor's satisfactory completion of the contract. Actual pay quantity measurements will be done at the end of each working day and agreed upon by both the Contractor and the Engineer's representative.

The type of securities deposited and the method of release shall be approved by the City Attorney's office.

8-1.1 Delivered Materials.

is amended as follows:

Materials and equipment delivered but not incorporated into the work will not be included in the estimate for progress payment, subject to the discretion of the City Engineer.

8-1.2 Dewatering.

is amended as follows:

The Contractor may encounter groundwater or water from other sources during excavation. The Contractor shall provide and maintain at all times during construction, ample means and devices with which to promptly remove and properly dispose of all water from any source entering the excavations or other parts of the work. Dewatering shall be accomplished by methods, which will ensure a dry excavation and preservation of the final lines and grades of the bottoms of excavations.

Dewatering shall commence when groundwater is first encountered, and shall be continuous until such times as water can be allowed to rise in accordance with the provisions of this section or other requirements.

Disposal of watering from dewatering operations shall be the sole responsibility of the Contractor. Disposal methods shall conforms to the Porter-Cologne Water quality control Act, 1974, the Federal Water Pollution Control Act Amendment of 1972; and the California Administrating code, Title 23, Chapter 3.

The Contractor shall dispose of the water from the work in a suitable manner without damage to adjacent property. Conveyance of the water shall be such as to not interfere with traffic flow or other construction. No water shall be drained into work built or under construction without prior consent of the City Engineer.

Water shall be desanded before disposal in any storm drain system. The system used for desanding the water shall be a baffled structure and shall provide not less than five minutes detention time and shall have a "flow-through" velocity not exceeding 0.2 feet per second at the anticipated peak flow. The desanding box shall be cleaned as required to maintain the detention time and flow-through limitations specified above.

8-1.3 Mobilization.
is amended as follows:

Mobilization shall consist of preparatory work and operations, including but not limited to those necessary for the movement of personnel, equipment, supplies, and incidentals to the project site; for the establishment of all offices, buildings and other facilities necessary for the work on this project; and for all work and operations which must be performed or cost incurred prior to beginning work on the various contract items on the project site.

The compensation paid for mobilization shall be full compensation for all costs incurred by the Contractor for doing all the work involved in mobilization as specified herein. Payment for mobilization will be included in the items of work listed in the **BID PROPOSAL**.

PART II – CONSTRUCTION MATERIALS

All CONSTRUCTION MATERIALS AND CONSTRUCTION METHODS shall be according to the latest edition of the State of California Department of Transportation (CALTRANS) Standard Specifications, CALTRANS Standard Drawings / Details, and, according to the CONSTRUCTION PROJECT PLANS called for in APPENDIX B & C.

PART III - CONSTRUCTION METHODS AND TECHNICAL SPECIFICATIONS

All CONSTRUCTION MATERIALS AND CONSTRUCTION METHODS shall be according to the latest edition of the State of California Department of Transportation (CALTRANS) Standard Specifications, CALTRANS Standard Drawings / Details, and according to the CONSTRUCTION PROJECT PLANS called for in APPENDIX B & C.
All as provided in part 3 of the Standard Specifications, except as otherwise provided below:

TRAFFIC CONTROL
All traffic control for the project shall be in accordance with the Special Provisions and the latest edition of the California Manual on Uniform Traffic Control Devices (California MUTCD) and the latest edition of the “Construction Area Traffic Control Devices” of CALTRANS Standard Specifications.

SUBMITTALS
The Contractor shall submit eight (8) copies of the following shop drawings to the Engineer for review and approval at least ten (10) days before drawings will be required for ordering materials and commencing the work. Each shop drawing and sample submission shall bear a stamp or specific written indication that the Contractor has satisfied the Contractor's review and approval of that submission. The Contractor shall provide specific written notice of any variations that the shop drawings may have from the requirements of the Contract Documents.

Within 8 calendar days of receipt of shop drawings, the Engineer will return two (2) copies of each drawing to the Contractor with his comments thereon. If so indicated, the Contractor shall make corrections required by the Engineer and shall return the required number of

corrected copies of Shop Drawings and submit as required new samples for review and approval. The Engineer's review and approval of Shop Drawings or samples shall not relieve the Contractor from responsibility for any variation from the requirements of the Contract Documents. Shop drawings shall be submitted but not limited to the following items:

A. The Contractor shall submit a tunnel construction schedule, which includes casing installation, carrier pipe installation, approach trench backfill, and receiving pit backfill.

B. The Contractor shall submit manufacturer's specification and information and regarding to all materials to be used on the work site.

1.0 GENERAL

The latest Caltrans Standard Specifications shall apply to the work to be completed within the Caltrans Right-of-Way.

The Technical Specifications for the work to be completed shall comply with the City of Imperial Standard Specifications and Details, the latest Caltrans Standard Specifications 2010, and the Specifications as required in this Technical Conditions Section. Major material component standard specifications have been included in these Technical Specifications. Some of the major material component standard specifications refer to other Caltrans Standard Specifications, 2010. These “referred to” specifications have not been included in this Technical Specifications section. It shall be necessary to refer to the Caltrans Standard Specifications, 2010 document to review the “referred to” sections. If pertinent specifications are not included within these Technical Specifications, refer to Caltrans Standard Specifications, 2010.

If there is any conflict between the Specifications, the most stringent Specification shall prevail.

Payment of each work item shall be based on the item of work and the unit of measure shown in the bid item list.

2.0 EXISTING FACILITIES

Performing work on existing facilities such as demolition, cold planing, disposal, etc. shall conform to the provisions in Sections 15-1 through 15-3 of Section 15, "Existing Facilities," of the Standard Specifications.

3.0 PRESERVATION/PERPETUATION OF SURVEY MONUMENTS

The Contractor shall be responsible for protecting all existing horizontal and vertical survey controls, monuments, ties and benchmarks located within the limits of the project. If any of the above require any removal, relocating or resetting, the Contractor shall, prior to any construction work and under the supervision of a California-licensed surveyor or pre-1972 licensed civil engineer, establish sufficient

temporary ties and bench marks to enable the points to be reset by the Contractor after completion of construction.

Any ties, monuments and bench marks disturbed during construction shall be reset after construction per City of Imperial or County of imperial standards, as applicable, and the tie notes submitted to the City of Imperial or County of Imperial on 8-1/2" x 11" note paper. The Contractor and its sureties shall be liable for, at its expense, any resurvey required due to its negligence in protecting existing ties, monuments, bench marks or any such horizontal and vertical controls.

The Contractor shall comply with The Land Surveyors Acts #9771 (Record of Surveys-Monumentation) and #8773 (Corner Records-Records of Survey for "Lost Corners").

4.0 SUBBASE PREPARATION

The native material beneath P.C.C. concrete and asphalt concrete infrastructure including but not limited to P.C.C.. driveway entrances, P.C.C. sidewalks, P.C.C. ribbon gutters, cross-gutter, P.C.C. curb and gutter, P.C.C.. sidewalk, P.C.C. spandrels, P.C.C. transition areas and A.C. pavement shall be excavated to ±0.05 feet of design subbase grade.

The design subbase grade shall be field verified and approved by the construction manager or City Inspector prior to the placement of granular sand fill, crusher fines or class 2 base. The construction manager/City Inspector shall determine the number and location of points to check for the subbase grade elevation compliance. prior to the construction manager's inspection of the subbase grade the contractor shall establish bluetop hubs (stakes set to design subbase grade) 50 feet on center along street sections.

5.0 SUBGRADE PREPARATION

The class 2 base, sand or crusher fines beneath AC pavement and concrete infrastructure shall be placed to within ±0.02 feet of design subgrade prior to the placement of AC pavement or P.C.C. concrete. The construction manager or City Inspector shall field verify the subgrade elevations in the field prior to the placement of class 2 base, granular sand material or crusher fines. Placement of P.C.C. concrete or AC pavement shall not be allowed until the construction manager or City Inspector has approved the subgrade design grade

6.0 SAND

Clean granular sand free of clay, shale and deleterious material shall be delivered to the site and placed as noted on the plans. Sand shall be compacted to 90 percent of maximum density at optimum water content per ASTM D-1557 unless otherwise noted on the plans. The material shall conform to a sand equivalent of 30 or greater.

The maximum amount of material passing the number 200 sieve shall be 7 percent. The sand shall conform to the following gradation percentages:

SIEVE SIZE	PERCENT PASSING
3/8”	100
NO. 4	98-90
NO. 8	90-75
NO. 10	75-60
NO. 16	60-50
NO. 30	50-38
NO. 40	38-29
NO. 50	29-19
NO. 100	19-7
NO. 200	7-0

The contractor shall supply a five gallon sample of sand material to the material testing laboratory within four (4) days after the notice to proceed is issued. The gradation, sand equivalent and maximum density of the sand material shall be determined. The test results shall be forwarded to the construction manager or City Inspector. The cost of testing shall be incurred by the contractor. The gradation of the granular sand shall be determined and the test results forwarded to the construction manager or City Inspector prior to the delivery of the granular sand material to the construction site. Prior to the placement of sand the native subbase grade shall be checked and approved by the construction manager or Inspector.

Crusher fines shall be allowed to be utilized in lieu of sand if approved by the City engineering department.

7.0 CRUSHER FINES

Crusher fines shall consist of decomposed granite indigenous to the imperial valley. Crusher fines utilized for this project shall conform to the following gradation requirements:

SIEVE SIZE	PERCENT PASSING
5/8”	100
NO. 4	80 – 100
NO. 8	50 - 85
NO. 30	30 - 50
NO. 200	4 - 15

The sand equivalent shall be 20 or greater.

8.0 CLASS 2 BASE

The class 2 base material shall conform to Caltrans standard specifications section 26, latest edition, for ¾ inch maximum base material. The gradation requirements are as follows:

SIZE	PERCENT PASSING
1 IN/25.00MM	100
¾ IN/19.00MM	87-100
#4/4.75MM	30-65
#30/600MM	5-35
#200/75.00MM	0-12

The sand equivalent shall be 25 or greater. An angular aggregate is to be used. Class 2 base material shall be compacted to 95 percent of maximum density according to ASTM D-1557, unless otherwise noted on the plans or details. The tolerance for the class 2 base between design subgrade elevation and actual subgrade elevation as constructed in the field shall be plus or minus 0.02 feet as referenced from the design subgrade. Prior to the placement of class 2 base the native subbase grade shall be checked and approved by the construction manager or City Inspector. The native subbase grade shall be within plus or minus 0.05 feet of native subbase design grade prior to the placement of class 2 base.

The contractor shall supply a five gallon sample of the class 2 base to the material testing laboratory within four (4) days of the notice to proceed. The material shall be delivered to the testing laboratory to determine the maximum density, gradation, r-value, sand equivalent and durability index of the class 2 base. A copy of the test results shall be forwarded to the construction manager or City by the geotechnical consultant for review. The gradation of the class 2 base shall be determined and the test results forwarded to the construction manager or City for approval prior to the delivery of the class 2 base material to the construction site. Class 2 base utilizing recycled materials shall be allowed in lieu of virgin class 2 base as long as the specifications meet the caltrans standard specifications section 26.

9.0 P.C.C. CONCRETE

P.C.C. shall meet section 90-2 minor concrete of the latest Caltrans standard specifications.

P.C.C. concrete, utilized for but not limited to, curb and gutter, barrier curb, spandrels, cross-gutter, valley gutter, ribbon gutters, residential and commercial driveways, sidewalks and all other concrete infrastructure shall contain a minimum of 7 sacks of cement per cubic yard of concrete and attain 5,000 p.s.i. compressive strength after 28 days curing unless stated otherwise on the plans. The P.C.C. shall contain 1 ½ lbs of polypropylene fiber per cubic yard. A concrete mix design is to be submitted to the construction manager or City representative within five (5) days after the issuance of the notice to proceed. New formwork shall be utilized in the construction of every concrete facility. The formwork shall be true to line and grade. The vertical flowline elevation tolerance shall be +/- 0.02 feet for design grade for slopes of 1.0% or greater, +/- 0.01 for design grade for slopes less than 1.0%. The construction manager or City Inspector shall check the formwork for line and grade prior to the

placement of concrete. The contractor shall notify the construction manager 72 hours prior to the required inspection. Exposed surfaces of concrete areas shall receive a double trowel finish. Weakened plane joints shall be placed every 8 lineal feet for ribbon gutter, cross gutter and valley gutter construction unless otherwise illustrated on the standard plans. Expansion joints shall be placed every 64 feet along curb and gutter, barrier curb, valley gutter and sidewalk construction unless otherwise illustrated on the standard plans. Installation of curb and gutter, valley gutter and cross-gutters shall begin at the lowest elevation and proceed uphill. A total of one (1) set of cylinders and one (1) slump test shall be required for every 50 cubic yards of concrete, except that a minimum of one (1) set of cylinders and slump test shall be required each day twenty (20) or more yards of concrete are placed at a project site. The maximum allowable slump shall be 4 inches. A set of cylinders shall be composed of three (3) cylinders. The first cylinder of a set shall be tested after seven (7) days curing. The second cylinder of a set shall be tested after 28 days curing. The third cylinder shall be held in reserve and tested if directed by the construction manager or City representative. The test results will be forwarded to the construction manager or City for review. The construction manager or City Inspector shall receive a concrete vendor slip for each truck load of concrete delivered to the project site.

Prior to the placement of concrete, the subgrade depth shall be inspected to insure that the full depth of concrete, as noted on the plans, is attained. Excess fill material shall be removed as required by the construction manager or City Inspector. The form boards shall be checked for the proper elevation. Compaction tests on the subgrade shall have achieved the density requirements specified. The construction manager or City Inspector shall then allow the placement of concrete.

The concrete shall be screeded and floated. All edges shall be struck with a concrete edger. Weakened plane joints shall be established at right angles to the sidewalk edge as illustrated on the standard drawings. The weakened plane joints shall be 3/8 inch in width and 3/4 inch in depth. Expansion joints consisting of 1/2 inch thick fiberboard material shall be placed across the full section of the P.C.C. sidewalk every 64 lineal feet, or as required by the standard plans. After the concrete surface has been floated and cured adequately, it shall receive a double trowel finish. The troweling shall be accomplished by hand with a steel trowel. The surface of the concrete shall receive a light broom finish after the surface is double troweled. The surface of the concrete shall be smooth and true to grade. Tolerance for the concrete surface shall be 1/8 inch in 10 lineal feet with maximum high and low variance not occurring in less than 20 feet. The contractor shall maintain the concrete surface moist or wet for a 24-hour period after the concrete is placed and finished troweled. Placement of burlap bags or used carpet over the concrete surface and a continuous application of water over the concrete surface will be required for a 24-hour period. After the 24-hour period, a concrete sealer shall be applied to all new P.C.C. concrete surfaces. The concrete surfaces shall be cleaned of all dirt and residue prior to the placement of the concrete sealer. Concrete shall not be placed after 10:00 a.m. on Fridays.

10.0 A.C. PAVEMENT

The asphalt concrete mix shall meet section 39 of the latest Caltrans standard specifications and the following requirements:

Aggregate base shall be 3/4-inch maximum, medium. The asphalt concrete shall conform with the following percentages:

Sieve Size	Percent Passing	Limits of Proposed Gradation – X
25.00mm	100	----
19.00mm	90 – 100	----
9.50mm	60 – 85	----
4.75mm	X +/- 8	49 – 54
2.36mm	X +/- 8	36 – 40
600.00mm	X +/- 8	18 – 21
75.00mm	0 – 11	----

In the table above, "x" is the gradation which the contractor proposes to furnish for specific sieve.

Asphalt binder shall be pg 70-10 in accordance with the approved A.C. mix design.

The asphalt concrete shall be type "A" as set forth in the State of California, Department of Transportation, Standard Specifications, Section 39, latest edition.

11.0 N/A

12.0 ASPHALT RUBBER HOT MIX (ARHM) PAVEMENT

Asphalt Rubber Hot Mix (ARHM) used for this project shall be Type II - Wet Process.

Asphalt binder shall be PG 64-16.

12.1 GENERAL

Asphalt Rubber Hot Mix shall consist of a mixture of paving asphalt, asphalt modifier, crumb rubber modifier (CRM), and aggregate mixed in a central mixing plant, all conforming to these specifications.

12.2 MATERIALS

The Contractor shall submit test reports and Certificates of Compliance conforming to the Standard Specifications for Public Works Construction (SSPWC) Section 4-1.5, for the paving asphalt, asphalt modifier and CRM to be used. When requested by the Construction Manager, the Contractor shall also submit samples of the tested material.

12.3 PAVING ASPHALT

Paving asphalt used for asphalt-rubber shall be PG 64-16, conforming to 203-1 of the Standard Specifications for Public Works Construction (SSPWC). Performance graded paving asphalts other than PG 64-16 may be used if so specified in the Special Conditions.

12.4 ASPHALT MODIFIER

The asphalt modifier shall be a resinous, high flash point, aromatic hydrocarbon compound and shall conform to the requirements in Table 203-11.2.2(A)(SSPWC). The asphalt modifier may be eliminated if approved by the Construction Manager or City Inspector.

TABLE 203-11.2.2(A) – (SSPWC)

REQUIREMENTS FOR ASPHALT MODIFIER

Property	ASTM Test Method	Value
Flash Point, C.L.O.C.,ºF(ºC)	D 92	405 (207) min
Viscosity, cSt @ 212ºF (100ºC)	D 445	X±3*
Molecular Analysis		
Asphaltenes, percent by mass	D 2007	0.1 max
Aromatics, percent by mass	D 2007	55 min

*The symbol "X" is the viscosity of the asphalt modifier the Contractor proposes to furnish. The value "X" which the Contractor proposes shall be between the limits of 19 and 36 and shall be submitted in writing to the Construction Manager. Any proposed change requested by the Contractor in the value "X" shall require a new asphalt-rubber binder design.

12.5 CRUMB RUBBER MODIFIER (CRM)

CRM shall consist of a combination of scrap tire CRM and high natural CRM. Scrap tire CRM shall consist of ground or granulated rubber derived from any combination of automobile tires, truck tires or tire buffings. The high natural CRM shall consist of ground or granulated rubber derived from materials that utilize high natural rubber sources. Whole scrap tire CRM shall be derived from whole scrap tires generated within the State boundaries of the user agencies. The Certificate of Compliance shall contain a statement confirming conformance with this requirement. The high natural CRM may consist of blended CRM.

CRM shall be ground or granulated at ambient temperature. Cryogenically produced CRM particles which can pass through the grinder or granulator without being ground or granulated shall not be used. Cryogenic separation, if utilized, shall be performed separately from and prior to grinding or granulating. Steel and fiber separation may employ any method.

CRM shall not contain more than 0.01 percent of wire by weight and shall be free of all other contaminants, except fabric. Fabric shall not exceed 0.05 percent by weight of CRM. A Certificate of Compliance certifying these percentages shall be furnished to the Construction Manager or City Inspector.

CRM shall be dry and free-flowing and not produce foaming when combined with the blended paving asphalt and asphalt modifier mixture. Calcium carbonate or talc may be added up to a maximum of 3 percent by weight of CRM to prevent CRM particles from sticking together. CRM shall have a specific gravity range from 1.1 minimum to 1.2 maximum as determined by ASTM D-297. Scrap tire CRM and high natural CRM shall be delivered to the production site in separate bags and shall be sampled and tested separately. Scrap tire CRM material shall conform to the chemical analysis requirements shown in Table 203-11.2.3.(A) (SSPWC).

TABLE 203-11.2.3(A) – (SSPWC)

CHEMICAL REQUIREMENTS FOR SCRAP TIRE CRM

TEST	ASTM TEST METHOD	MINIMUM	MAXIMUM
Acetone Extract	D 297	6.0%	16.0%
Ash Content	D 297	---	8.0%
Carbon Black Content	D 297	28.0%	38.0%
Rubber Hydrocarbon	D 297	42.0%	65.0%
Natural Rubber Content	D 297	22.0%	39.0%

Scrap tire CRM shall be mixed at the production site with high natural CRM so that 75% ± 2% of the product used is derived from scrap tires and 25% ± 2% from materials that utilize high natural rubber sources. High natural rubber CRM may consist of blended CRM which, after blending, conforms to the chemical analysis requirements shown in Table 203-11.2.3(B) (SSPWC).

TABLE 203-11.2.3(B) – (SSPWC)
CHEMICAL REQUIREMENTS FOR HIGH NATURAL CRM

TEST	ASTM TEST METHOD	MINIMUM	MAXIMUM
Acetone Extract	D 297	4.0%	16.0%
Rubber Hydrocarbons	D 297	50.0%	---
Natural Rubber Content	D 297	40.0%	48.0%

A CRM with a high natural rubber per Table 203-11.2.3(B) (SSPWC) shall be required for this project.

12.6 CRM GRADATIONS

CRM gradations shall conform to the requirements shown in Table 203-11.2.3.1(A) (SSPWC) when tested in accordance with ASTM C136, amended as follows:

Split or quarter 100 grams ± 5 grams from the representative CRM sample and dry to a constant weight at a temperature of not less than 135ºF (57ºC) nor more than 145ºF (63ºC) and record the dry sample weight. Place the CRM sample and 5.0 grams of talc (or calcium carbonate) in a 1-pint jar.

Seal the jar and shake it by hand for a minimum of one minute to mix the CRM and the talc (or calcium carbonate). Continue shaking or open the jar and stir until particle agglomerates and clumps are broken and the talc (or calcium carbonate) is uniformly mixed.

A Rotap (or equivalent) test shaker shall be used for the sieve analysis. Place one rubber ball on each sieve. Each ball shall have a weight of 8.5 ± 0.5 grams, have a diameter of 24.5 ± 0.5 mm, and shall have a Shore Durometer "A" hardness of 50 ± 5 in accordance with ASTM D2240. After shaking the combined material for 10 minutes ± 1 minute, disassemble the sieves. Any material adhering to the bottom of a sieve shall be brushed into the next finer sieve. Weigh and record the weight of the material retained on the No. 8 (2.36 mm) sieve and leave this material on the scale or balance. Any observed fabric balls shall remain on the scale or balance and shall be placed together on the side of the scale or balance to prevent the fabric balls from being covered or disturbed when placing the material from finer sieves onto the scale or balance. The material retained on the next finer sieve shall be added to the scale or balance. Weigh and record that weight as the accumulative weight retained on that sieve. Continue weighing and recording the accumulated weight retained on the remaining sieves until the accumulated weight retained in the pan has been determined. Prior to discarding the CRM sample, separately weigh and record the total weight of fabric balls in the sample.

Determine the weight of material passing the No. 200 (75 mμ) sieve (or weight retained in the pan) by subtracting the accumulated weight retained on the No. 200 (75 mμ) sieve from the accumulated weight retained in the pan. If the material passing the No. 200 (75 mμ) sieve (or weight retained in the pan) has a weight of 5 grams or less, cross out the recorded number for the accumulated weight retained in the pan and copy the number recorded for the accumulated weight retained on the No. 200 (75 mμ) sieve and record that number (next to the crossed-out number) as the accumulated weight retained in the pan. If the material passing the No. 200 (75 mμ) sieve (or weight retained in the pan) has a weight greater than 5 grams, cross out the recorded number for the accumulated weight retained in the pan, subtract 5 grams from that number and record the difference next to the crossed-out number. The adjustment to the accumulated weight retained in the pan is made to account for the 5 grams of talc (or calcium carbonate) added to the sample. For calculation purposes, the adjusted total sample weight is the same as the adjusted accumulated weight retained in the pan. Determine the percent passing based on the adjusted total sample weight and record to the nearest 0.1 percent.

TABLE 203-11.2.3.1(A) – (SSPWC)
GRADING REQUIREMENTS FOR CRM

Sieve Size	Scrap Tire CRM Percent Passing	High Natural CRM Percent Passing
No. 8 (2.36mm)	100	100
No. 10 (2.00mm)	98 – 100	100
No. 16 (1.18mm)	45 – 75	95 – 100
No. 30 (600µm)	2 – 20	35 – 85
No. 50 (300µm)	0 – 6	10 – 30
No. 100 (150µm)	0 – 2	0 – 4
No. 200 (75µm)	---	0 - 1

*CRM from more than one source may be used provided the combined CRM gradation meets the specified limits. No particles shall exceed a length of 5mm (3/16 inch) as measured on any axis.

12.7 AGGREGATE

The aggregate for ARHM shall meet the quality requirements specified in 200-1 (SSPWC) for asphalt concrete.

12.8 COMPOSITION AND GRADING

Asphalt-rubber hot-mix gap-graded (ARHM-GG) shall be designated by type and class, i.e., ARHM-GG-C, and shall conform to the requirements shown in Table 203-11.3(A)(SSPWC).

TABLE 203-11.3(A) (SSPWC)
REQUIREMENTS FOR ARHM-GG

SIEVE SIZE	CLASS		
	ARHM-GG-B Min. – Max.	ARHM-GG-C Min. – Max	ARHM-GG-D Min. – Max.
1 in (25mm)	100	---	---
3/4 in (19.0mm)	90 – 100	100	---
1/2 in (12.5mm)	---	90 – 100	---
3/8 in (9.5mm)	60 – 75	78 – 92	100
No. 4 (4.5mm)	28 – 42	28 – 42	28 – 42
No. 8 (2.36mm)	15 – 25	15 – 25	15 – 25
No. 30 (600µm)	5 – 15	5 – 15	5 – 15
No. 200 (75µm)	0 – 5	2 – 7	2 - 7
%Asphalt Rubber Binder by Weight of Dry Aggregate[1]	7.5 – 8.4	7.5 – 8.7	7.5 – 8.7
Air Voids % Calif. Test 367	3 – 6	3 – 6	3 – 6
Stabilometer Value Min. Calif. Test 304 and 306	25	23	23
Voids in Mineral Agg. Percent Min.[2]	18	18	18

1. **Once the percent asphalt rubber binder is determined by the mix design, the production tolerance shall be ±0.5% as determined by California Test Method 362, 379 or 382.**

2. **Percent voids in the mineral aggregate (VMA) is to be determined during the mix design process only and is to be calculated on the basis of ASTM bulk specific gravity as described in the Asphalt Institute MS-2 manual.**

An ARHM-GG-B material shall be required for this project.

12.9 MIXING ASPHALT AND CRM

The paving asphalt and asphalt modifier shall be combined into a blended mixture that is chemically compatible with the crumb rubber modifier to be used. The blended mixture is considered to be chemically compatible when it conforms to the requirements for asphalt rubber binder (after reacting) shown in Table 203-11.4(A) (SSPWC).

The asphalt modifier shall be proportionately added to the paving asphalt at the production site where the asphalt rubber binder is blended and reacted. Asphalt modifier shall be added at an amount of 2.5% to 6.0% by weight of the paving asphalt based on the recommendation of the asphalt rubber binder supplier. The paving asphalt shall be at a temperature of not less than 375°F (190°C) nor more than 440°F (226°C) when the asphalt modifier is added. If the asphalt modifier is combined with the paving asphalt before being blended with the CRM, the combined paving asphalt and asphalt modifier shall be mixed by circulation for not less than 20 minutes. This premixing of asphalt modifier and the paving asphalt will not be required when all ingredients of the asphalt rubber binder are proportioned and mixed simultaneously. Asphalt modifier and paving asphalt shall be measured for proportioning with meters conforming to 203-6-6 (SSPWC).

The proportions of the materials, by total weight of asphalt-rubber binder, shall be 80% ± 2% combined paving asphalt and asphalt modifier, and 20% ± 2% CRM. The temperature of the blended asphalt and modifier shall be between 375°F (190°C) and 440°F (226°C) when CRM is added. The temperature shall not exceed 6°C (10°F) below the actual flash point of the mixture. The CRM shall be combined and mixed together in an asphalt-rubber mechanical blender conforming to 203-11.5 (SSPWC). The combined asphalt and CRM shall be pumped into a storage/reaction tank or distributor truck conforming to 203-11.5 (SSPWC). The required mixing/reaction time shall be 45 minutes minimum. The temperature of the asphalt-rubber mixture shall be between 375°F (190°C) to 425°F (218°C) during the reaction period. After reacting, the asphalt rubber binder shall conform to the requirements shown in Table 203-11.4(A) (SSPWC).

TABLE 203-11.4(A) (SSPWC)
REQUIREMENTS FOR ASPHALT RUBBER BINDER

Test Parameter	Test Method	Specification Limit	
		Minimum	Maximum
Haake Field Viscosity @ 375°F (191°C), (Centipoise)	See 211-4	1500	4000
Cone Penetration @ 77°F (25°C), mm	ASTM D 217	25	70
Resilient @ 77°F (25°C), % Rebound	ASTM D 3407	18	---
Field Softening Point, °F (°C)	ASTM D 36	52 (125)	74 (165)

The reacted asphalt rubber binder shall be maintained at a temperature of not less than 375°F (190°C) nor more than 425°F (218°C). If any of the material in a batch of asphalt rubber binder is not used within 4 hours after the 45-minute reaction period, heating of the material shall be discontinued. Any time the asphalt rubber binder cools below 375°F (190°C), and is then reheated, shall be considered a reheat cycle. The total number of reheat cycles shall not exceed 2. The material shall be uniformly reheated to a temperature of not less than 375° F (190°C) nor more than 425°F (218°C) prior to use. Additional scrap tire CRM may be added to the reheated binder and reacted for a minimum of 45 minutes. The cumulative amount of additional scrap tire CRM shall not exceed 10 percent of the total binder weight. Reheated asphalt rubber binder shall conform to the requirements shown in Table 203-11.4(A) (SSPWC).

12.10 EQUIPMENT FOR PRODUCTION OF ASPHALT-RUBBER.

The Contractor shall utilize the following equipment for production of asphalt-rubber binder:

1. Asphalt Heating Tank.

   An asphalt heating tank equipped to heat and maintain the blended paving asphalt and asphalt modifier mixture at the necessary temperature before blending with the CRM. This unit shall be equipped with a thermostatic heat control device and a temperature reading device and shall be accurate to within ± 5°F (± 3°C) and shall be of the recording type.

2. Blender Equipment.

   A mechanical mixer for the complete, homogeneous blending of paving asphalt, asphalt modifier, and CRM. Paving asphalt and asphalt modifier shall be introduced into the mixer through meters. The blending system shall be capable of varying the rate of delivery of paving asphalt and asphalt modifier proportionate with the delivery of CRM. During the proportioning and blending of the liquid

ingredients, the temperature of paving asphalt and the asphalt modifier shall not vary more than ± 25°F (±14°C). The paving asphalt feed, the asphalt modifier feed and CRM feed shall be equipped with devices by which the rate of feed can be determined during the proportioning operation. Meters used for proportioning individual ingredients shall be equipped with rate-of-flow indicators to show the rates of delivery and resettable totalizers so that the total amounts of liquid ingredients introduced into the mixture can be determined. The liquid and dry ingredients shall be fed directly into the mixer at a uniform and controlled rate. The rate of feed to the mixer shall not exceed that which will permit complete mixing of the materials. Dead areas in the mixer, in which the material does not move or is not sufficiently agitated, shall be corrected by a reduction in the volume of material or by other adjustments. Mixing shall continue until a homogeneous mixture of uniformly distributed and properly blended asphalt-rubber binder is produced. The Contractor shall provide a safe sampling device capable of delivering a representative sample of the completed asphalt-rubber binder of sufficient size to perform the required tests.

3. Storage/Reaction Tank.

   An asphalt-rubber binder storage/reaction tank equipped with a heating system that is equipped with a temperature reading device to maintain the proper temperature of the asphalt-rubber binder and an internal mixing unit capable of maintaining a homogeneous mixture of paving asphalt, asphalt modifier and CRM.

4. Viscometers.

   The Contractor shall supply a Haake Viscometer (or equivalent) conforming to 211-4 (SSPWC) for use by the Construction Manager to verify the viscosity of the asphalt-rubber binder wherever a field laboratory is used. All asphalt concrete plants are required to have a field laboratory for use by the Construction Manager per 8-3 (SSPWC).

The equipment shall be approved by the Construction Manager prior to use.

12.11 MIX DESIGNS AND CERTIFICATIONS

The optimum binder content for ARHM-GG mixes shall be determined by California Test Method 367 except that Step 2 regarding surface flushing shall not be used. Optimum binder content shall be determined by using a void content between 3 percent minimum to 6 percent maximum as approved by the Construction Manager. Compaction shall be in accordance with California Test Method 304 except for the following:

Mixing Temperatures:

Asphalt-rubber = 325°F to 360°F (163°C to 182°C)
Aggregate = 290°F to 325°F (143°C to 163°C)
Compaction Temperature = 290°F to 300°F (143°C to 149°C)

In addition to the formulations and certifications required in 203-11.3 (SSPWC) and 203-11.4 (SSPWC) for asphalt-rubber, the Contractor shall furnish to the Construction Manager a mix design and samples of all materials to be used at least 10 working days before construction is scheduled to begin. The mix design and certifications shall include, but are not limited to, the following:

1) Combined aggregate gradation.

2) Individual bin gradations (hot for batch, cold for drum plant).

3) Percentage of each bin.

4) Asphalt rubber binder content.

5) Density.

6) Air Voids.

7) Voids in Mineral Aggregates (VMA).

8) Stability.

9) Aggregate source.

10) Asphalt binder source.

12.12 MIXING BINDER WITH AGGREGATE

Mixing of the asphalt rubber binder with aggregate shall conform to 203-6.7 (SSPWC) except that the temperature requirements of ARHM shall supersede the requirements in 203-6.7 (SSPWC).

12.13 STORAGE

Storage of ARHM shall conform to 203-6.8 (SSPWC).

12.14 MISCELLANEOUS REQUIREMENTS

Miscellaneous requirements shall conform to 203-6.9 (SSPWC) except that the temperature of the asphalt-rubber binder shall be 375°F (190°C) to 425°F (218°C) when added to the aggregate. The temperature of the aggregate at the time of adding the asphalt-rubber binder shall be 300°F (149°C) to 330°F (166°C).

After the placement and compaction of the ARHM material, apply lime treated water to the ARHM pavement surface to avoid adhesion of the new

pavement surface to the tires of vehicular traffic. Two (2) sacks of lime shall be blended with 3,000 gallons of water and applied with a water truck. The installation and placement of lime treated water is incidental to the ARHM pavement works and compensation for the furnishing and installation of lime treated water for this project is included with the unit price paid for ARHM installation.

12.16 ALTERNATIVE

Caltrans approved rubberized hot mix asphalt (RHMA-G) may be utilized if approved by the Construction Manager. The Contractor shall submit the Caltrans certificate of the approved RHMA-G mix during submittal phase.

13.0 MANHOLE FRAMES AND COVERS

All manhole frames and covers, valve boxes and lids, and other similar existing utilities shall be raised to the grade of the finished pavement surface by the contractor. Manhole frames and covers, and similar utility covers shall be lowered a minimum of 3 inches below the design pavement surface prior to the installation of A.C. pavement. Manhole frames and covers and other lids shall be raised after paving operations have occurred. 8-inch wide, 8-inch deep concrete collars shall be poured concentric with the outside of valve extension risers 3/8 inches below the finish pavement surface. A one (1) foot wide, one (1) foot deep concrete collar shall be poured concentric with the outside of all manhole frames and covers 3/8 inches below the surface of the pavement. Manhole frames and covers shall be raised with concrete grade rings 3/8 inches below the new street pavement surface elevation. The manhole frame and covers and valve extension risers and covers shall be raised 3/8 inches below the pavement grade after paving operations are complete.

14.0 STRIPING APPLICATION

14.1 DESCRIPTION

This item shall consist of the painting of markings and stripes on the surface of the A.C. pavement in accordance with the locations and requirements illustrated on the striping and signage plan. All painting of markings and stripes shall conform to Caltrans standard plans and specifications, latest edition, unless noted otherwise.

14.2 MATERIALS

14.2.1 PAINT

Paint shall meet the requirements of the standard specifications for public works construction, “Greenbook”, 2012 edition, section 214-4.2 and the table 214-4.1(a).

14.2.2 REFLECTIVE MEDIA

A glass sphere reflective media shall be required per section 214-3 of the standard specifications for public works construction, “Greenbook”, 2012 edition.

14.3 CONSTRUCTION METHODS

14.3.1 WEATHER LIMITATIONS

The painting shall be performed only when the surface is dry, when the atmospheric temperature is above 60 degrees f., and when the weather is not foggy or windy.

14.3.2 EQUIPMENT

All equipment for the work shall be approved by the construction manager or City Inspector and shall include the apparatus necessary to properly clean the existing surface, a mechanical marking machine, and such auxiliary hand-painting equipment as may be necessary to satisfactorily complete the job. The mechanical marker shall be an atomizing spray-type marking machine suitable for application of traffic paint. It shall produce an even and uniform film thickness at the required coverage and shall be designated so as to apply markings of uniform cross sections and clear-cut edges without running or spattering.

14.3.3 PREPARATION OF SURFACE

Immediately before application of the paint, the pavement surface shall be dry and free from dirt, grease, oil, laitance, or other foreign material which would reduce the bond between the paint and the pavement. The area to be painted shall be cleaned by sweeping and blowing or by other methods as required to remove all dirt, laitance, and loose materials.

14.3.4 LAYOUT OF MARKINGS

The proposed markings shall be laid out in advance of the paint application according to the dimensions required by the plans and specifications or by Caltrans standards.

14.3.5 APPLICATION

Markings shall be applied at the locations and to the dimensions and spacing shown on the plans. Paint shall not be applied until the layout and condition of the surface have been approved by the construction manager or City Inspector. The paint shall be mixed in accordance with the manufacturer's instructions and applied to the pavement with a marking machine at a rate specified in the standard specifications for public works construction, "Greenbook", 2012 edition, section 214. The addition of thinner will not be permitted. The edges of the markings shall not vary from a straight line more than ¼ inch in 50 feet, and the dimensions shall be within a tolerance of plus or minus 2 percent. The contractor shall furnish certified test reports for the materials shipped to the project. The reports shall not be interpreted as a basis for final acceptance. The contractor shall notify the construction manager or City Inspector upon arrival of

shipment of the paint to the job site. All emptied containers shall be returned to the paint storage area for checking by the construction manager or City Inspector. The containers shall not be removed from the project site or destroyed until authorized by the construction manager.

14.3.6 PROTECTION

After application of the paint, all markings shall be protected from damage until the paint is dry. All surfaces shall be protected from disfiguration by spatter, splashes, spillage or drippings of paint.

14.3.7 MATERIAL REQUIREMENTS

Rapid dry paint: the paint shall conform with the rapid dry paint specified in the standard specifications for public works construction, "Greenbook", 2012 edition, section 214.

15.0 TACK COAT (SS1H) APPLICATION

Tack coat application shall be in accordance with the Standard Specifications for Public Works Construction, the "Greenbooks" or as specified herein.

If the asphalt concrete pavement is being constructed directly upon an existing hard-surfaced pavement, a tack coat of PG 64-10 paving asphalt at an approximate rate of 0.05 gallon per square yard (0.25 L/m^2) or SS-1h emulsified asphalt at an approximate rate of 0.05 to 0.10 gallon per square yard (0.25 to 0.45 L/m^2) shall be uniformly applied upon the existing pavement preceding the tack coat is applied. To minimize public inconvenience, no greater area shall be treated in any one day than is planned to be covered by asphalt concrete during the same day, unless otherwise approved by the Construction Manager or City Inspector.

A similar tack coat shall be applied to the surface of any course, if the surface is such that a satisfactory bond cannot be obtained between it and a succeeding course.

The contact surfaces of all cold pavement joints, curbs, gutters, manholes, and the like shall be painted with either SS-1h emulsified asphalt or PG 64-10 paving asphalt per the application rate, as specified in the Caltrans Standard Specifications Section 39-1.09C, immediately before the adjoining asphalt concrete is placed.

Full compensation for furnishing all labor, materials, tools and equipment and for doing all the work involved in tack coat application shall be considered as included in the contract unit price paid per the tonnage of asphalt pavement installed and no additional compensation shall be allowed therefore.

END OF SECTION

Appendix A
CALIFORNIA STATE
GENERAL PREVAILING WAGE RATES

THE CONTRACTOR SHALL CHECK WITHIN 10 DAYS OF THE BID OPENING THE LATEST WAGE RATES

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: # ASBESTOS WORKER, HEAT AND FROST INSULATOR

DETERMINATION: SC-3-5-1-2018-1
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019** 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 Imperial, Inyo, Kern, Los Angeles, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura Counties.

Classification (Journeyperson)	Basic Hourly Rate	Employer Payments: Health and Welfare	Pension	Vacation/ Holiday	Training	Other Payments	Straight-Time: Hours	Total Hourly Rate	Overtime Hourly Rate: Daily 1 1/2x	Daily 2x	Saturday 1 1/2x	Saturday 2x	Sunday and Holiday
Mechanic	[a]41.63	[b]9.64	[i]8.01	3.13	1.04	-	8	63.45	[c]84.265	105.08	[d]84.265	105.08	[e]105.08

DETERMINATION: SC-3-5-3-2018-1
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019*. 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.

Hazardous Material Handler Mechanic	[h]19.93	[f]5.04	6.06	-	0.62	-	8	31.65	41.615	-	41.615	-	[g]41.615

[#] 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.
[a] Includes 6.5% of employees gross wage for dues/service fee check-off plus $0.25 for supplemental dues.
[b] Occupational Health and Research Plan included in Health and Welfare.
[c] Rate applies to the first 2 overtime hours. Applies to all daily overtime hours on maintenance and asbestos abatement projects.
[d] Rate applies to first 8 hours worked on new construction. Applies to all Saturday hours on maintenance and asbestos abatement projects.
[e] $146.71 per hour for work on Labor Day. For maintenance and asbestos abatement projects, Sundays and observed holidays may be worked at the time and one half rate.
[f] Includes $0.40 for medical monitoring in compliance with industry regulations procedures and $0.12 for Occupational Health Plan
[g] $71.51 per hour for work on Labor Day.
[h] Includes 6.5% of employees gross wage for dues/service fee check-off plus $0.06 for supplemental dues.
[i] Pursuant to Labor Code Sections 1773.1 and 1773.8, the amount paid for the employer payment may vary resulting in a lower taxable Basic Hourly Rate, but the Total Hourly Rates for Straight Time and Overtime may not be less than the general prevailing rate of per diem wages.

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

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

CRAFT: FENCE BUILDER (CARPENTER)

DETERMINATION: SC-23-31-20-2018-1
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019* 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura counties.

		Employer Payments					Straight-Time		Overtime Hourly Rate		
Classification (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily 1 1/2X[a]	Saturday[b] 1 1/2X	Sunday and Holiday
Fence Builder	$38.22	$7.50	$4.66	$5.62	$0.57	$0.26	8	$56.83	$75.94	$75.94	$95.05

[a]Rate applies to the first 4 overtime hours. All other time is paid at the Sunday and Holiday overtime hourly rate.
[b]Saturdays in the same work week may be worked at straight-time for the first 8 hours if the job is shut down during the normal work week due to inclement weather, or reasons beyond the control of the employer.

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

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

CRAFT: # CARPENTER AND RELATED TRADES

DETERMINATION: SC-23-31-2-2018-1
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019** 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

Classification (Journeyperson)	Basic Hourly Rate	Employer Payments: Health and Welfare	Pension	Vacation/ Holiday	Training	Other	Straight-Time: Hours	Total Hourly Rate	Overtime Hourly Rate: Daily [g] 1 1/2X	Saturday [b] 1 1/2X	Sunday and Holiday
[a] AREA 1											
Carpenter[c, h], Cabinet Installer, Insulation Installer, Hardwood Floor Worker, Acoustical Installer	$42.41	$7.50	$4.91	$6.19[f]	$0.57	$0.44	8	$62.02	$83.225	$83.225	$104.43
Pile Driverman [i], Derrick Bargeman, Rockslinger, Bridge or Dock Carpenter, Cable Splicer	42.54	7.50	4.91	6.19[f]	0.57	0.44	8	62.15	83.42	83.42	104.69
Bridge Carpenter[c]	42.54	7.50	4.91	6.19[f]	0.57	0.44	8	62.15	83.42	83.42	104.69
Shingler[c]	42.54	7.50	4.91	6.19[f]	0.57	0.44	8	62.15	83.42	83.42	104.69
Saw Filer	42.50	7.50	4.91	6.19[f]	0.57	0.44	8	62.11	83.36	83.36	104.61
Table Power Saw Operator	42.51	7.50	4.91	6.19[f]	0.57	0.44	8	62.12	83.375	83.375	104.63
Pneumatic Nailer or Power Stapler	42.66	7.50	4.91	6.19[f]	0.57	0.44	8	62.27	83.60	83.60	104.93
Roof Loader of Shingles	29.78	7.50	4.91	6.19[f]	0.57	0.44	8	49.39	64.28	64.28	79.17
Scaffold Builder	33.61	7.50	4.91	6.19[f]	0.57	0.44	8	53.22	70.025	70.025	86.83
Millwright[c]	42.91	7.50	4.91	6.19[f]	0.57	0.64	8	62.72	84.175	84.175	105.63
Head Rockslinger	42.64	7.50	4.91	6.19[f]	0.57	0.44	8	62.25	83.57	83.57	104.89
Rock Bargeman or Scowman	42.44	7.50	4.91	6.19[f]	0.57	0.44	8	62.05	83.27	83.27	104.49
Diver, Wet (Up To 50 Ft. Depth) [d]	[e]93.08	7.50	4.91	6.19[f]	0.57	0.44	8	112.69	159.23	159.23	205.77
Diver, (Stand-By) [d]	[e]46.54	7.50	4.91	6.19[f]	0.57	0.44	8	66.15	89.42	89.42	112.69
Diver's Tender [d]	45.54	7.50	4.91	6.19[f]	0.57	0.44	8	65.15	87.92	87.92	110.69
Assistant Tender (Diver's) [d]	42.54	7.50	4.91	6.19[f]	0.57	0.44	8	62.15	83.42	83.42	104.69
[a] AREA 2											
Carpenter[c h], Cabinet Installer, Insulation Installer, Hardwood Floor Worker, Acoustical Installer	41.84	7.50	4.91	6.19[f]	0.57	0.44	8	61.45	82.37	82.37	103.29
Shingler[c]	41.98	7.50	4.91	6.19[f]	0.57	0.44	8	61.59	82.58	82.58	103.57
Saw Filer	41.84	7.50	4.91	6.19[f]	0.57	0.44	8	61.45	82.37	82.37	103.29
Table Power Saw Operator	42.94	7.50	4.91	6.19[f]	0.57	0.44	8	62.55	84.02	84.02	105.49
Pneumatic Nailer or Power Stapler	42.10	7.50	4.91	6.19[f]	0.57	0.44	8	61.71	82.76	82.76	103.81
Roof Loader of Shingles	29.73	7.50	4.91	6.19[f]	0.57	0.44	8	49.34	64.205	64.205	79.07

DETERMINATION: SC-31-741-1-2018-1
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: May 31, 2019** 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

Classification (Journeyperson)	Basic Hourly Rate	Employer Payments: Health and Welfare	Pension	Vacation/ and Holiday	Training	Straight-Time: Hours	Total Hourly Rate	Overtime Hourly Rate: Daily 1 1/2X	Saturday/ [j] Sunday 1 1/2X	Holiday 2X
Terrazzo Installer	$39.13	7.50	4.91	4.50[f]	0.52	8	56.56	76.13	76.13	95.69
Terrazzo Finisher	32.63	7.50	4.91	4.50[f]	0.52	8	50.06	66.38	66.38	82.69

# 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.

a. **AREA 1** - Imperial, Los Angeles, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura counties.
AREA 2 - Inyo, Kern, and Mono counties. For Bridge Carpenter, Scaffold Builder, Pile Driverman, Derrick Bargeman, Rockslinger, Bridge or Dock Carpenter, Cable Splicer, Millwright, Head Rockslinger, Rock Bargeman or Scowman, Diver, Wet (Up to 50 Ft. Depth), Diver (Stand-By), Diver's Tender, and Assistant Tender (Diver's) rates, please see **Area 1** as this rate applies to **Area 2** as well. Basic Hourly Rates for **Area 2** include an additional amount deducted for vacation/holiday.
b. First eight (8) hours worked paid at 1 1/2 times the straight time rate, all hours after that paid at double (2x) the straight time rate. Saturdays in the same work week may be worked at straight-time rates if a job is shut down during the normal work week due to inclement weather, major mechanical breakdown or lack of materials beyond the control of the Employer.
c. When performing welding work requiring certification, classification will receive an additional $1.00 per hour.
d. Shall receive a minimum of 8 hours pay for any day or part thereof.
e. For specific rates over 50 ft depth, contact the Office of the Director – Research Unit. Rates for Technicians, Manifold Operators, Pressurized Submersible Operators, Remote Control Vehicle Operators, and Remote Operated Vehicle Operators, as well as rates for Pressurized Bell Diving and Saturation Diving are available upon request.
f. Includes an amount for supplemental dues.
g. All overtime worked Mon - Fri shall be paid at 1 1/2 times the straight time rate for the first four (4) hours and double (2x) the straight time for work performed after twelve (12) hours.
h. A Carpenter who performs work of forming in the construction of open cut sewers or storm drains shall receive a premium of thirteen cents ($0.13) per hour in addition to his Carpenter's scale. This premium shall apply only on an operation in which horizontal lagging is used in conjunction with Steel H-Beams driven or placed in pre-drilled holes, for that portion of a lagged trench against which concrete is poured, namely, as a substitute for back forms, which work is performed by pile drivers.
i. When performing welding work requiring certification, classification will receive an additional $1.00 per hour. An additional $0.50 per hour when handling or working with new pressure-treated creosote piling or timber, or driving of used pressure-treated creosote piling.
j. Saturdays in the same work week may be worked at straight-time rates if a job is shut down during the normal work week due to inclement weather, major mechanical breakdown or lack of materials beyond the control of the Employer. Work on Sunday, if it is the 7th consecutive workday, shall be paid at double (2x) the straight-time rate.

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #DRYWALL INSTALLER/LATHER (CARPENTER)

DETERMINATION: SC-31-X-41-2018-1
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019** 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura counties.

		Employer Payments					Straight-Time		Overtime Hourly Rates		
Classification (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday[a]	Training	Other Payments	Hours	Total Hourly Rate	Daily 1 1/2X[b]	Saturday 1 1/2X[b]	Sunday and Holiday 2X
Drywall Installer/ Lather	$42.41	$7.50	$4.91	$6.19	$0.57	$0.77	8	$62.35	$83.555	$83.555	$104.76

DETERMINATION: SC-31-X-41-2018-1A
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019* 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.

Stocker, Scrapper	$12.00	$7.50	-	$5.19	$0.57	-	8	$25.26	$31.26	$31.26	$37.26

# 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.
[a] Includes an amount per hour worked for supplemental dues.
[b] Rate applies to the first 4 daily overtime hours and to the first 8 hours on Saturday. All other overtime will be paid the Sunday and Holiday double time rate. Saturdays in the same workweek may be worked at straight-time if job is shut down during the normal work week due to inclement weather.

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

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

CRAFT: # ELEVATOR CONSTRUCTOR

DETERMINATION: SC-62-X-999-2019-1
ISSUE DATE: February 22, 2019
EXPIRATION DATE OF DETERMINATION: December 31, 2019** 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 Imperial, Los Angeles, Orange, Riverside, San Diego, Santa Barbara and Ventura counties. [a]Portions of Kern, San Bernardino and San Luis Obispo counties are detailed below.

		Employer Payments					Straight-time		Overtime Hourly Rate		
Classification (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension[e]	Vacation/ Holiday[b]	Training	Other Payments	Hours	Total Hourly Rate	Daily[d] 1½ X	Saturday[d] 1½ X	Sunday and Holiday
Mechanic	$55.58	15.575	17.51	5.05	0.62	0.42	8	$94.755	$122.545	$122.545	$150.335
Mechanic (employed in industry more than 5 years)	$55.58	15.575	17.51	6.16	0.62	0.42	8	$95.865	$123.655	$123.655	$151.445
Helper[c]	$38.91	15.575	17.51	3.54	0.62	0.42	8	$76.575	$96.03	$96.03	$115.485
Helper (employed in industry more than 5 years)[c]	$38.91	15.575	17.51	4.31	0.62	0.42	8	$77.345	$96.80	$96.80	$116.255

[#] 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.
[a] Applies to that portion of these counties south of the Tehachapi Line. For more information contact the Office of the Director – Research Unit.
[b] Includes an amount for 8 paid holidays.
[c] Ratio: The total number of Helpers employed shall not exceed the number of Mechanics on any one job. When removing old and installing new cables on existing elevator installations, the Company may use two (2) Helpers, Apprentices or Assistant Mechanics to one (1) Mechanic. Two (2) Helpers, Apprentices or Assistant Mechanics to each three (3) Mechanics may be employed in Contract Service work only. For more information on the use of Helpers, contact the Office of the Director – Research Unit.
[d] For Contract Service work only. All other overtime is paid at the Sunday/Holiday rate.
[e] 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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #OPERATING ENGINEER

DETERMINATION: SC-23-63-2-2019-1
ISSUE DATE: February 22, 2019
EXPIRATION DATE OF DETERMINATION: June 30, 2019* 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

		Employer Payments					Straight – Time		Overtime Hourly Rate		
CLASSIFICATION (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension (e)	Vacation/ Holiday (a)	Training	Other Payments	Hours	Total Hourly Rate	Daily (c)	Saturday (d)	Sunday/ Holiday
									1 1/2X	1 1/2X	2X
Classification Groups (b)											
Group 1	$45.30	$11.45	$10.65	$3.55	$1.00	$0.39	8	$72.34	$94.990	$94.990	$117.64
Group 2	$46.08	$11.45	$10.65	$3.55	$1.00	$0.39	8	$73.12	$96.160	$96.160	$119.20
Group 3	$46.37	$11.45	$10.65	$3.55	$1.00	$0.39	8	$73.41	$96.595	$96.595	$119.78
Group 4	$47.86	$11.45	$10.65	$3.55	$1.00	$0.39	8	$74.90	$98.830	$98.830	$122.76
Group 6	$48.08	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.12	$99.160	$99.160	$123.20
Group 8	$48.19	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.23	$99.325	$99.325	$123.42
Group 10	$48.31	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.35	$99.505	$99.505	$123.66
Group 12	$48.48	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.52	$99.760	$99.760	$124.00
Group 13	$48.58	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.62	$99.910	$99.910	$124.20
Group 14	$48.61	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.65	$99.955	$99.955	$124.26
Group 15	$48.69	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.73	$100.075	$100.075	$124.42
Group 16	$48.81	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.85	$100.255	$100.255	$124.66
Group 17	$48.98	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.02	$100.510	$100.510	$125.00
Group 18	$49.08	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.12	$100.660	$100.660	$125.20
Group 19	$49.19	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.23	$100.825	$100.825	$125.42
Group 20	$49.31	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.35	$101.005	$101.005	$125.66
Group 21	$49.48	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.52	$101.260	$101.260	$126.00
Group 22	$49.58	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.62	$101.410	$101.410	$126.20
Group 23	$49.69	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.73	$101.575	$101.575	$126.42
Group 24	$49.81	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.85	$101.755	$101.755	$126.66
Group 25	$49.98	$11.45	$10.65	$3.55	$1.00	$0.39	8	$77.02	$102.010	$102.010	$127.00

# 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.

[a] Includes an amount withheld for supplemental dues.

[b] For classifications within each group, see pages 8 and 9.

[c] Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

[d] Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

[e] Includes an amount for Annuity

NOTE: For Special Shift and Multi-Shift, see pages 9A and 9B.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaini 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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

DETERMINATION: SC-23-63-2-2019-1
CLASSIFICATIONS:

GROUP 1
Bargeman
Brakeman
Compressor Operator
Ditchwitch, with seat or similar type equipment
Elevator Operator - Inside
Engineer Oiler
Forklift Operator (includes loed, lull or similar types – under 5 tons)
Generator Operator
Generator, Pump or Compressor Plant Operator
Heavy Duty Repairman Helper
Pump Operator
Signalman
Switchman

GROUP 2
Asphalt-Rubber Plant Operator (Nurse Tank Operator)
Concrete Mixer Operator - Skip Type
Conveyor Operator
Fireman
Forklift Operator (includes loed, lull or similar types – over 5 tons)
Hydrostatic Pump Operator
Oiler Crusher (Asphalt or Concrete Plant)
Petromat Laydown Machine
RJU Side Dump Jack
Rotary Drill Helper (Oilfield)
Screening and Conveyor Machine Operator (or similar types)
Skiploader (Wheel type up to 3/4 yd. without attachment)
Tar Pot Fireman
Temporary Heating Plant Operator
Trenching Machine Oiler

GROUP 3
Asphalt Rubber Blend Operator
Bobcat or similar type (Skid Steer, with all attachments)
Equipment Greaser (rack)
Ford Ferguson (with dragtype attachments)
Helicopter Radioman (ground)
Stationary Pipe Wrapping and Cleaning Machine Operator

GROUP 4
Asphalt Plant Fireman
Backhoe Operator (mini-max or similar type)
Boring Machine Operator
Boring System Electronic Tracking Locator
Boxman or Mixerman (asphalt or concrete)
Chip Spreading Machine Operator
Concrete Cleaning Decontamination Machine Operator
Concrete Pump Operator (small portable)
Drilling Machine Operator, Small Auger types (Texoma Super Economatic, or similar types - Hughes 100 or 200, or similar types - drilling depth of 30 maximum)
Equipment Greaser (grease truck)
Excavator Track/Rubber-Tired (Operating weight under 21,000 lbs)
Guard Rail Post Driver Operator
Highline Cableway Signalman
Hydra-Hammer-Aero Stomper
Hydraulic Casing Oscillator Operator – drilling depth of 30' maximum
Micro Tunneling Operator (above ground tunnel)
Power Concrete Curing Machine Operator
Power Concrete Saw Operator
Power - Driver Jumbo Form Setter Operator
Power Sweeper Operator
Rock Wheel Saw/Trencher
Roller Operator (compacting)
Screed Operator (asphalt or concrete)
Trenching Machine Operator (up to 6ft.)
Vacuum or Muck Truck

GROUP 5 (for multi-shift rate, see page 9B)
Equipment Greaser (Grease Truck/Multi-Shift)

GROUP 6
Articulating Material Hauler
Asphalt Plant Engineer
Batch Plant Operator
Bit Sharpener
Concrete Joint Machine Operator (canal and similar type)
Concrete Placer Operator
Concrete Planer Operator
Dandy Digger
Deck Engine Operator
Deck Engineer
Derrickman (oilfield type)
Drilling Machine Operator, Bucket or Auger types (Calweld 100 bucket or similar types - Watson 1000 auger or similar types - Texoma 330, 500 or 600 auger or similar types - drilling depth of 45' maximum)

Drilling Machine Operator (including water wells)
Force Feed Loader
Hydraulic Casing Oscillator Operator – drilling depth of 45' maximum
Hydrographic Seeder Machine Operator (straw, pulp or seed)
Jackson Track Maintainer, or similar type
Kalamazoo Switch Tamper, or similar type
Machine Tool Operator
Maginnis Internal Full Slab Vibrator
Mechanical Berm, Curb or Gutter (concrete or asphalt)
Mechanical Finisher Operator (concrete, Clary-Johnson-Bidwell or similar)
Micro Tunnel System Operator (below ground)
Pavement Breaker Operator
Railcar Mover
Road Oil Mixing Machine Operator
Roller Operator (asphalt or finish)
Rubber-Tired Earthmoving Equipment (single engine, up to and including 25 yds. struck)

Self-Propelled Tar Pipelining Machine Operator
Skiploader Operator (crawler and wheel type, over 3/4 yds. and up to and including 1 1/2 yds.)

Slip Form Pump Operator (power driven hydraulic lifting device for concrete forms)
Tractor Operator - Bulldozer, Tamper-Scraper (single engine, up to 100 H.P. flyweel and similar types, up to and including D-5 and similar types)
Tugger Hoist Operator (1 drum)
Ultra High Pressure Waterjet Cutting Tool System Operator
Vacuum Blasting Machine Operator
Volume Mixer Operator
Welder – General

GROUP 7 (for multi-shift rate, see page 9B)
Welder – General (Multi-Shift)

GROUP 8
Asphalt or Concrete Spreading Operator (tamping or finishing)
Asphalt Paving Machine Operator (barber greene or similar type, one (1) Screedman)
Asphalt-Rubber Distributor Operator
Backhoe Operator (up to and including 3/4 yds.) small ford, case or similar
Backhoe Operator (over 3/4 yd. and up to 5 cu. yds. M.R.C.)
Barrier Rail Mover (BTM Series 200 or similar types)
Cast in Place Pipe Laying Machine Operator
Cold Foamed Asphalt Recycler
Combination Mixer and Compressor Operator (gunite work)
Compactor Operator - Self Propelled
Concrete Mixer Operator - Paving
Crushing Plant Operator
Drill Doctor
Drilling Machine Operator, Bucket or Auger types (Calweld 150 bucket or similar types - Watson 1500, 2000, 2500 auger or similar types - Texoma 700, 800 auger or similar types - drilling depth of 60' maximum)
Elevating Grader Operator
Excavator Track/Rubber-Tired (Operating Weight 21,000 lbs - 100,000 lbs)
Global Positioning System/GPS (or Technician)
Grade Checker
Gradall Operator
Grouting Machine Operator
Heavy Duty Repairman/Pump Installer
Heavy Equipment Robotics Operator
Hydraulic Casing Oscillator Operator – drilling depth of 60' maximum
Hydraulic Operated Grout Plant (excludes hand loading)
Kalamazoo Ballast Regulator or similar type
Klemm Drill Operator or similar types
Kolman Belt Loader and similar type
Le Tourneau Blob Compactor or similar type
Lo Drill
Loader Operator (Athey, Euclid, Sierra and similar types)
Master Environmental Maintenance Mechanic
Mobark Chipper or similiar types
Ozzie Padder or similar types
P.C. 490 Slot Saw
Pneumatic Concrete Placing Machine Operator (Hackley-Presswell or similar type)
Prentice 721E Hydro-Ax
Pumperete Gun Operator
Rock Drill or Similiar Types (see Miscellaneous Provision #4 for additional information regarding this classification)
Rotary Drill Operator (excluding caison type)
Rubber-Tired Earth Moving Equipment Operator (single engine, caterpillar, euclid, athey wagon, and similar types with any and all attachments over 25 yds. and up to and including 50 cu. yds. struck)
Rubber-Tired Earth Moving Equipment Operator (multiple engine - up to and including 25 yds. struck)
Rubber-Tired Scraper Operator (self-loading paddle wheel type - John Deere, 1040 and similar single unit)
Self-Propelled Curb and Gutter Machine Operator
Shuttle Buggy
Skiploader Operator (crawler and wheel type over 1 1/2 yds. up to and including 6 1/2 yds.)
Soil Remediation Plant Operator (CMI, Envirotech or Similar)
Soil Stabilizer and Reclaimer (WR-2400)
Somero SXP Laser Screed
Speed Swing Operator
Surface Heaters and Planer Operator
Tractor Compressor Drill Combination Operator

DETERMINATION: SC-23-63-2-2019-1

GROUP 8 CONT.

Tractor Operator (any type larger than D-5 - 100 flyweel H.P. and over, or similar – bulldozer, tamper, scraper and push tractor, single engine)

Tractor Operator (boom attachments)

Traveling Pipe Wrapping, Cleaning and Bending Machine Operator

Trenching Machine Operator (over 6 ft. depth capacity, manufacturer's rating)

Trenching Machine with Road Miner Attachment (over 6ft. depth capacity, manufacturer's rating - Oiler or Journeyman Trainee required)

Ultra High Pressure Waterjet Cutting Tool System Mechanic

Water Pull (compaction)

GROUP 9 (for multi-shift rate, see page 9B)

Heavy Duty Repairman (Multi-Shift)

GROUP 10

Backhoe Operator (over 5 cu. yds. M.R.C.)

Drilling Machine Operator, Bucket or Auger types (Calweld 200 B bucket or similar types - Watson 3000 or 5000 auger or similar types - Texoma 900 auger or similar types - drilling depth of 105' maximum)

Dual Drum Mixer

Dynamic Compactor LDC350 or similar types

Heavy Duty Repairman-Welder combination

Hydraulic Casing Oscillator Operator – drilling depth of 105' maximum

Monorail Locomotive Operator (diesel, gas or electric)

Motor Patrol - Blade Operator (single engine

Multiple Engine Tractor Operator (euclid and similar type - except quad 9 cat.)

Pneumatic Pipe Ramming Tool and similar types

Pre-stressed Wrapping Machine Operator (2 Operators required

Rubber - Tired Earth Moving Equipment Operator (single engine, over 50 yds. struck)

Rubber - Tired Earth Moving Equipment Operator (multiple engine, euclid caterpillar and similar - over 25 yds. and up to 50 yds. struck)

Tower Crane Repairman

Tractor Loader Operator (crawler and wheel-type over 6 1/2 yds.)

Welder - Certified

Woods Mixer Operator (and similar pugmill equipment)

GROUP 11 (for multi-shift rate, see page 9B)

Heavy Duty Repairman – Welder Combination (Multi-Shif

Welder – Certified (Multi-Shift)

GROUP 12

Auto Grader Operator

Automatic Slip Form Operator

Backhoe Operator (over 7 cu. yds. M.R.C.)

Drilling Machine Operator, Bucket or Auger types (Calweld, auger 200 CA or similar types - watson, auger 6000 or similar types - hughes super duty, auger 200 or similar types - drilling depth of 175' maximum)

Excavator Track/Rubber Tired (Operating Weight 100,000 lbs. - 200,000 lbs

Hoe Ram or similar with compressor

Hydraulic Casing Oscillator Operator – drilling depth of 175' maximum

Mass Excavator Operator - less than 750 cu. yds.

Mechanical Finishing Machine Operator

Mobile Form Traveler Operator

Motor Patrol Operator (multi-engine)

Pipe Mobile Machine Operator

Rubber-Tired Earth Moving Equipment Operator (multiple engine, euclid, caterpillar and similar type, over 50 cu. yds. struck)

Rubber-Tired Self-Loading Scraper Operator (paddle-wheel-auger type self-loading - (two (2) or more units

GROUP 13

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Push-Pull System (single engine, up to and including 25 yds. struck)

GROUP 14

Canal Liner Operator

Canal Trimmer Operator

Drilling Machine Operator, Bucket or Auger types (Calweld, auger 200 CA or similar types - watson, auger 6000 or similar types - hughes super duty, auger 200 or similar types - drilling depth of 300' maximum)

Remote Controlled Earth Moving Operator ($1.00 per hour additional to base rate)

Wheel Excavator Operator (over 750 cu. yds. per hour)

GROUP 15

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Push-Pull System (single engine, caterpillar, euclid, athey wagon, and similar types with any and all attachments over 25 yds. and up and including 50 cu. yds. struck)

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Push-Pull System (multiple engine - up to and including 25 yds. struck)

GROUP 16

Excavator Track/Rubber Tired (Operating Weight exceeding 200,000 lbs.)

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Push-Pull System (single engine, over 50 yds. struck)

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Push-Pull System (multiple engine, euclid, caterpillar, and similar, over 25 yds. and up to 50 yds. struck)

GROUP 17

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Push-Pull System (multiple engine, euclid, caterpillar, and similar type, over 50 cu. yds. struck)

Tandem Tractor Operator (operating crawler type tractors in tandem - Quad 9 and similar type)

GROUP 18

Rubber-Tired Earth Moving Equipment Operator, Operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - single engine, up to and including 25 yds. struck)

GROUP 19

Rotex Concrete Belt Operator

Rubber-Tired Earth Moving Equipment Operator, Operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - single engine, caterpillar, euclid, athey wagon, and similar types with any and all attachments over 25 yds. and up to and including 50 cu. yds. struck)

Rubber-Tired Earth Moving Equipment Operator, Operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - multiple engines, up to and including 25 yds. struck)

GROUP 20

Rubber-Tired Earth Moving Equipment Operator, Operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - single engine, over 50 yds. struck)

Rubber-Tired Earth Moving Equipment Operator, Operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - multiple engine, euclid, caterpillar and similar, over 25 yds. and up to 50 yds. struck)

Drilling Machine Operator, Bucket or Auger types (Calweld, auger 200 CA or similar types - watson,

GROUP 21

Rubber-Tired Earth Moving Equipment Operator, Operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - multiple engine, euclid, caterpillar and similar type, over 50 cu. yds. struck)

GROUP 22

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (single engine, up to and including 25 yds. struck)

GROUP 23

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (single engine, caterpillar, euclid, athey wagon, and similar types with any and all attachments over 25 yds. and up to and including 50 cu. yds. struck)

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (multiple engine, up to and including 25 yds. struck)

GROUP 24

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (single engine, over 50 yds. Struck)

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (multiple engine, euclid, caterpillar and similar, over 25 yds. and up to 50 yds. struck)

GROUP 25

Concrete Pump Operator-Truck Mounted

Pedestal Concrete Pump Operator

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (multiple engine, euclid, caterpillar and similar over 50 cu. yds struck)

MISCELLANEOUS PROVISIONS:

1. Operators on hoists with three drums shall receive fifteen cents (15¢) per hour additional pay to the regular rate of pay. The additional pay shall be added to the regular rate and become the base rate for the entire shift.
2. All heavy duty repairman and heavy duty combination shall receive fifty cents (50¢) per hour tool allowance in addition to their regular rate of pay and this shall become their base rate of pay.
3. Employees required to suit up and work in a hazardous material environment, shall receive Two Dollars ($2.00) per hour in addition to their regular rate of pay, and that rate shall become the basic hourly rate of pay.
4. A review of rock drilling is currently pending. The minimum acceptable rate of pay for this classification or type of work on public works projects is Laborer and Related Classifications/Group 5 (Driller) as published on pages 13 and 14 of the Director's General Prevailing Wage Determinations. However, the published rate for the craft/classification of Operating Engineer/Group 8 (Rock Drill or Similar Types) may be used by contractors to perform rock drilling on public works projects.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #OPERATING ENGINEER (Special Shift)

DETERMINATION: SC-23-63-2-2019-1

ISSUE DATE: February 22, 2019

EXPIRATION DATE OF DETERMINATION: June 30, 2019* 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

		Employer Payments					Straight – Time		Overtime Hourly Rate		
CLASSIFICATION (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension (e)	Vacation/ Holiday (a)	Training	Other Payments	Hours	Total Hourly Rate	Daily (c)	Saturday (d)	Sunday/ Holiday
									1 1/2X	1 1/2X	2X
Classification Groups (b)											
Group 1	$45.80	$11.45	$10.65	$3.55	$1.00	$0.39	8	$72.84	$95.740	$95.740	$118.64
Group 2	$46.58	$11.45	$10.65	$3.55	$1.00	$0.39	8	$73.62	$96.910	$96.910	$120.20
Group 3	$46.87	$11.45	$10.65	$3.55	$1.00	$0.39	8	$73.91	$97.345	$97.345	$120.78
Group 4	$48.36	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.40	$99.580	$99.580	$123.76
Group 6	$48.58	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.62	$99.910	$99.910	$124.20
Group 8	$48.69	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.73	$100.075	$100.075	$124.42
Group 10	$48.81	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.85	$100.255	$100.255	$124.66
Group 12	$48.98	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.02	$100.510	$100.510	$125.00
Group 13	$49.08	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.12	$100.660	$100.660	$125.20
Group 14	$49.11	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.15	$100.705	$100.705	$125.26
Group 15	$49.19	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.23	$100.825	$100.825	$125.42
Group 16	$49.31	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.35	$101.005	$101.005	$125.66
Group 17	$49.48	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.52	$101.260	$101.260	$126.00
Group 18	$49.58	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.62	$101.410	$101.410	$126.20
Group 19	$49.69	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.73	$101.575	$101.575	$126.42
Group 20	$49.81	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.85	$101.755	$101.755	$126.66
Group 21	$49.98	$11.45	$10.65	$3.55	$1.00	$0.39	8	$77.02	$102.010	$102.010	$127.00
Group 22	$50.08	$11.45	$10.65	$3.55	$1.00	$0.39	8	$77.12	$102.160	$102.160	$127.20
Group 23	$50.19	$11.45	$10.65	$3.55	$1.00	$0.39	8	$77.23	$102.325	$102.325	$127.42
Group 24	$50.31	$11.45	$10.65	$3.55	$1.00	$0.39	8	$77.35	$102.505	$102.505	$127.66
Group 25	$50.48	$11.45	$10.65	$3.55	$1.00	$0.39	8	$77.52	$102.760	$102.760	$128.00

# 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.

[a] Includes an amount withheld for supplemental dues.

[b] For classifications within each group, see pages 8 and 9.

[c] Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

[d] Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

[e] Includes an amount for Annuity

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #OPERATING ENGINEER (Multi-Shift)

DETERMINATION: SC-23-63-2-2019-1

ISSUE DATE: February 22, 2019

EXPIRATION DATE OF DETERMINATION: June 30, 2019* 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

		Employer Payments					Straight – Time		Overtime Hourly Rate		
CLASSIFICATION (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension (f)	Vacation/ Holiday (a)	Training	Other Payments	Hours (e)	Total Hourly Rate	Daily (c)	Saturday (d)	Sunday/ Holiday
									1 1/2X	1 1/2X	2X
Classification Groups (b)											
Group 1	$46.30	$11.45	$10.65	$3.55	$1.00	$0.39	8	$73.34	$96.490	$96.490	$119.64
Group 2	$47.08	$11.45	$10.65	$3.55	$1.00	$0.39	8	$74.12	$97.660	$97.660	$121.20
Group 3	$47.37	$11.45	$10.65	$3.55	$1.00	$0.39	8	$74.41	$98.095	$98.095	$121.78
Group 4	$48.86	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.90	$100.330	$100.330	$124.76
Group 5	$48.96	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.00	$100.480	$100.480	$124.96
Group 6	$49.08	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.12	$100.660	$100.660	$125.20
Group 7	$49.18	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.22	$100.810	$100.810	$125.40
Group 8	$49.19	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.23	$100.825	$100.825	$125.42
Group 9	$49.29	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.33	$100.975	$100.975	$125.62
Group 10	$49.31	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.35	$101.005	$101.005	$125.66
Group 11	$49.41	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.45	$101.155	$101.155	$125.86
Group 12	$49.48	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.52	$101.260	$101.260	$126.00
Group 13	$49.58	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.62	$101.410	$101.410	$126.20
Group 14	$49.61	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.65	$101.455	$101.455	$126.26
Group 15	$49.69	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.73	$101.575	$101.575	$126.42
Group 16	$49.81	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.85	$101.755	$101.755	$126.66
Group 17	$49.98	$11.45	$10.65	$3.55	$1.00	$0.39	8	$77.02	$102.010	$102.010	$127.00
Group 18	$50.08	$11.45	$10.65	$3.55	$1.00	$0.39	8	$77.12	$102.160	$102.160	$127.20
Group 19	$50.19	$11.45	$10.65	$3.55	$1.00	$0.39	8	$77.23	$102.325	$102.325	$127.42
Group 20	$50.31	$11.45	$10.65	$3.55	$1.00	$0.39	8	$77.35	$102.505	$102.505	$127.66
Group 21	$50.48	$11.45	$10.65	$3.55	$1.00	$0.39	8	$77.52	$102.760	$102.760	$128.00
Group 22	$50.58	$11.45	$10.65	$3.55	$1.00	$0.39	8	$77.62	$102.910	$102.910	$128.20
Group 23	$50.69	$11.45	$10.65	$3.55	$1.00	$0.39	8	$77.73	$103.075	$103.075	$128.42
Group 24	$50.81	$11.45	$10.65	$3.55	$1.00	$0.39	8	$77.85	$103.255	$103.255	$128.66
Group 25	$50.98	$11.45	$10.65	$3.55	$1.00	$0.39	8	$78.02	$103.510	$103.510	$129.00

# 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.

[a] Includes an amount withheld for supplemental dues.

[b] For classifications within each group, see pages 8 and 9.

[c] Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

[d] Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

[e] The Third Shift shall work 6.5 hours, exclusive of meal period, for which 8 hours straight-time shall be paid at the non-shift rate, Monday thorugh Friday.

[f] Includes an amount for Annuity

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: # DREDGER (OPERATING ENGINEER)

DETERMINATION: SC-63-12-23-2018-2
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: July 31, 2019* 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: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura counties.

		Employer Payments					Straight-Time		Overtime Hourly Rate			
CLASSIFICATION (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension[c]	Vacation/ Holiday[a]	Training	Other	Hours	Total Hourly Rate	Daily[b] 1 1/2X	Saturday[b] 1 1/2X	Sunday 2X	Holiday 3X
Chief Engineer, Deck Captain	$51.85	11.45	10.65	3.85	1.00	0.15	8	78.95	104.875	104.875	130.80	182.65
Leverman	54.85	11.45	10.65	3.85	1.00	0.15	8	81.95	109.375	109.375	136.80	191.65
Watch Engineer, Deckmate	50.27	11.45	10.65	3.85	1.00	0.15	8	77.37	102.505	102.505	127.64	177.91
Winchman (Stern Winch on Dredge)	48.22	11.45	10.65	3.85	1.00	0.15	8	75.32	99.430	99.430	123.54	171.76
Fireman-Oiler, Leveehand, Deckhand (can operate anchor scow under direction of mate), Bargeman	47.68	11.45	10.65	3.85	1.00	0.15	8	74.78	98.620	98.620	122.46	170.14
Dozer Operator	48.88	11.45	10.65	3.85	1.00	0.15	8	75.98	100.420	100.420	124.86	173.74
Hydrographic Surveyor	50.31	11.45	10.65	3.85	1.00	0.15	8	77.41	102.565	102.565	127.72	178.03
Barge Mate	48.29	11.45	10.65	3.85	1.00	0.15	8	75.39	99.535	99.535	123.68	171.97
Welder	50.27	11.45	10.65	3.85	1.00	0.15	8	77.37	102.505	102.505	127.64	177.91

# 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.

[a] Includes an amount for supplemental dues.
[b] Rate applies to the first 4 daily overtime hours and first 12 hours on Saturdays. All other time is paid at the Sunday overtime rate.
[c] Includes an amount for annuity.

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at http://www.dir.ca.gov/oprl/DPreWageDetermination.htm. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #Cranes, Pile Driver and Hoisting Equipment (Operating Engineer)

DETERMINATION: SC-23-63-2-2018-1B
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019* 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

		Employer Payments					Straight – Time		Overtime Hourly Rate		
CLASSIFICATION (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension (e)	Vacation/ Holiday (a)	Training	Other Payments	Hours	Total Hourly Rate	Daily (c)	Saturday (d)	Sunday/ Holiday
									1 1/2X	1 1/2X	2X
Classification Groups (b)											
Group 1	$46.65	$11.45	$10.65	$3.55	$1.00	$0.39	8	$73.69	$97.015	$97.015	$120.34
Group 2	$47.43	$11.45	$10.65	$3.55	$1.00	$0.39	8	$74.47	$98.185	$98.185	$121.90
Group 3	$47.72	$11.45	$10.65	$3.55	$1.00	$0.39	8	$74.76	$98.620	$98.620	$122.48
Group 4	$47.86	$11.45	$10.65	$3.55	$1.00	$0.39	8	$74.90	$98.830	$98.830	$122.76
Group 5	$48.08	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.12	$99.160	$99.160	$123.20
Group 6	$48.19	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.23	$99.325	$99.325	$123.42
Group 7	$48.31	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.35	$99.505	$99.505	$123.66
Group 8	$48.48	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.52	$99.760	$99.760	$124.00
Group 9	$48.65	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.69	$100.015	$100.015	$124.34
Group 10	$49.65	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.69	$101.515	$101.515	$126.34
Group 11	$50.65	$11.45	$10.65	$3.55	$1.00	$0.39	8	$77.69	$103.015	$103.015	$128.34
Group 12	$51.65	$11.45	$10.65	$3.55	$1.00	$0.39	8	$78.69	$104.515	$104.515	$130.34
Group 13	$52.65	$11.45	$10.65	$3.55	$1.00	$0.39	8	$79.69	$106.015	$106.015	$132.34

• # 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.

[a] Includes an amount withheld for supplemental dues.

[b] For classifications within each group, see page 10B.

[c] Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

[d] Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

[e] Includes an amount for Annuity

NOTE: For Special Shift and Multi-Shift, see pages 10A-1 and 10A-2.

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

Determination: SC-23-63-2-2018-1B; SC-23-63-2-2018-1B1; SC-23-63-2-2018-1B2

CLASSIFICATIONS:

GROUP 1

Engineer Oiler

GROUP 2

Truck Crane Oiler

GROUP 3

A-Frame or Winch Truck Operator
Ross Carrier Operator (Jobsite)

GROUP 4

Bridge-Type Unloader and Turntable Operator
Helicopter Hoist Operator
Snobble Unit (pin-n-go or similar type)

GROUP 5

Hydraulic Boom Truck/Knuckleboom
Stinger Crane (Austin-Western or similar type)
Tugger Hoist Operator (1 drum)

GROUP 6

Bridge Crane Operator
Cretor Crane Operator
Hoist Operator (Chicago Boom and similar type)
Lift Mobile Operator
Lift Slab Machine Operator (Vagtborg and similar types)
Material Hoist and/or Manlift Operator
Polar Gantry Crane Operator
Prentice Self-Loader
Self Climbing Scaffold (or similar type)
Shovel, Dragline, Clamshell Operator (over 3/4 yd and up to 5 cu yds, M.R.C.)
Silent Piler
Tugger Hoist Operator (2 drum)

GROUP 7

Pedestal Crane Operator
Shovel, Dragline, Clamshell Operator (over 5 cu yds, M.R.C.)
Tower Crane Repairman
Tugger Hoist Operator (3 drum)

GROUP 8

Crane Operator (up to and including 25 ton capacity)
Crawler Transporter Operator
Derrick Barge Operator (up to and including 25 ton capacity)
Hoist Operator, Stiff Legs, Guy Derrick or similar type (up to and including 25 ton capacity)
Shovel, Dragline, Clamshell Operator (over 7 cu yds M.R.C.)

GROUP 9

Crane Operator (over 25 tons, up to and including 50 ton M.R.C.)
Derrick Barge Operator (over 25 tons, up to and including 50 ton M.R.C.)
Highline Cableway Operator
Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 25 tons, up to and including 50 ton M.R.C.)
K-Crane
Polar Crane Operator
Self Erecting Tower Crane Operator Maximum Lifting Capacity ten (10) tons.

GROUP 10

ABI/Fundex Machine
Crane Operator (over 50 tons, up to and including 100 ton M.R.C.)
Derrick Barge Operator (over 50 tons, up to and including 100 ton M.R.C.)
Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 50 tons, up to and including 100 ton M.R.C.)
Mobile Tower Crane Operator (over 50 tons, up to and including 100 ton M.R.C.)
Shovel, Dragline, Clamshell Operator (over 10 cu. yrds.)

GROUP 11

Crane Operator (over 100 tons, up to and including 200 ton M.R.C.)
Derrick Barge Operator (over 100 tons, up to and including 200 tons M.R.C.)
Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 100 tons, up to and including 200 ton M.R.C.)
Mobile Tower Crane Operator (over 100 tons, up to and including 200 ton M.R.C.)
Tower Crane Operator and Tower Gantry

GROUP 12

Crane Operator (over 200 tons, up to and including 300 tons M.R.C.)
Derrick Barge Operator (over 200 tons, up to and including 300 tons M.R.C.)
Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 200 tons, up to and including 300 ton M.R.C.)
Mobile Tower Crane Operator (over 200 tons, up to and including 300 ton M.R.C.)

GROUP 13

Crane Operator (over 300 tons)
Derrick Barge Operator (over 300 tons)
Helicopter Pilot
Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 300 tons)
Hydraulically Controlled Lift Gantry Operator BCR Lift System (over 300 tons)
Mobile Tower Crane Operator (over 300 tons)

MISCELLANEOUS PROVISIONS:

1. Operators on hoists with three drums shall receive fifteen cents (15¢) per hour additional pay to the regular rate of pay. The additional pay shall be added to the regular rate and become the base rate for the entire shift.

2. All heavy duty repairman and heavy duty combination shall receive fifty cents (50¢) per hour tool allowance in addition to their regular rate of pay and this shall become their base rate of pay.

3. Employees required to suit up and work in a hazardous material environment, shall receive Two Dollars ($2.00) per hour in addition to their regular rate of pay, and that rate shall become the basic hourly rate of pay.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #Cranes, Pile Driver and Hoisting Equipment (Operating Engineer, Special Shift)

DETERMINATION: SC-23-63-2-2018-1B1
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019* 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

		Employer Payments					Straight – Time		Overtime Hourly Rate		
CLASSIFICATION (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension (e)	Vacation/ Holiday (a)	Training	Other Payments	Hours	Total Hourly Rate	Daily (c) 1 1/2X	Saturday (d) 1 1/2X	Sunday/ Holiday 2X
Classification Groups (b)											
Group 1	$47.15	$11.45	$10.65	$3.55	$1.00	$0.39	8	$74.19	$97.765	$97.765	$121.34
Group 2	$47.93	$11.45	$10.65	$3.55	$1.00	$0.39	8	$74.97	$98.935	$98.935	$122.90
Group 3	$48.22	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.26	$99.370	$99.370	$123.48
Group 4	$48.36	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.40	$99.580	$99.580	$123.76
Group 5	$48.58	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.62	$99.910	$99.910	$124.20
Group 6	$48.69	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.73	$100.075	$100.075	$124.42
Group 7	$48.81	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.85	$100.255	$100.255	$124.66
Group 8	$48.98	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.02	$100.510	$100.510	$125.00
Group 9	$49.15	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.19	$100.765	$100.765	$125.34
Group 10	$50.15	$11.45	$10.65	$3.55	$1.00	$0.39	8	$77.19	$102.265	$102.265	$127.34
Group 11	$51.15	$11.45	$10.65	$3.55	$1.00	$0.39	8	$78.19	$103.765	$103.765	$129.34
Group 12	$52.15	$11.45	$10.65	$3.55	$1.00	$0.39	8	$79.19	$105.265	$105.265	$131.34
Group 13	$53.15	$11.45	$10.65	$3.55	$1.00	$0.39	8	$80.19	$106.765	$106.765	$133.34

• # 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.

[a] Includes an amount withheld for supplemental dues.

[b] For classifications within each group, see page 10B.

[c] Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

[d] Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

[e] Includes an amount for Annuity

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #Cranes, Pile Driver and Hoisting Equipment (Operating Engineer, Multi-Shift)

DETERMINATION: SC-23-63-2-2018-1B2
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019* 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

		Employer Payments					Straight – Time		Overtime Hourly Rate		
CLASSIFICATION (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension (f)	Vacation/ Holiday (a)	Training	Other Payments	Hours (e)	Total Hourly Rate	Daily (c) 1 1/2X	Saturday (d) 1 1/2X	Sunday/ Holiday 2X
Classification Groups (b)											
Group 1	$47.65	$11.45	$10.65	$3.55	$1.00	$0.39	8	$74.69	$98.515	$98.515	$122.34
Group 2	$48.43	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.47	$99.685	$99.685	$123.90
Group 3	$48.72	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.76	$100.120	$100.120	$124.48
Group 4	$48.86	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.90	$100.330	$100.330	$124.76
Group 5	$49.08	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.12	$100.660	$100.660	$125.20
Group 6	$49.19	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.23	$100.825	$100.825	$125.42
Group 7	$49.31	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.35	$101.005	$101.005	$125.66
Group 8	$49.48	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.52	$101.260	$101.260	$126.00
Group 9	$49.65	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.69	$101.515	$101.515	$126.34
Group 10	$50.65	$11.45	$10.65	$3.55	$1.00	$0.39	8	$77.69	$103.015	$103.015	$128.34
Group 11	$51.65	$11.45	$10.65	$3.55	$1.00	$0.39	8	$78.69	$104.515	$104.515	$130.34
Group 12	$52.65	$11.45	$10.65	$3.55	$1.00	$0.39	8	$79.69	$106.015	$106.015	$132.34
Group 13	$53.65	$11.45	$10.65	$3.55	$1.00	$0.39	8	$80.69	$107.515	$107.515	$134.34

• # 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.

[a] Includes an amount withheld for supplemental dues.

[b] For classifications within each group, see page 10B.

[c] Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

[d] Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

[e] The Third Shift shall work 6.5 hours, exclusive of meal period, for which 8 hours straight-time shall be paid at the non-shift rate, Monday thorugh Friday.

[f] Includes an amount for Annuity

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

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

CRAFT: # LANDSCAPE OPERATING ENGINEER

DETERMINATION: SC-63-12-33-2019-1
ISSUE DATE: February 22, 2019
EXPIRATION DATE OF DETERMINATION: October 31, 2019* 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura Counties.

CLASSIFICATION (JOURNEYPERSON)	Basic Hourly Rate	Employer Payments: Health and Welfare	Pension[d]	Vacation and Holiday[a]	Training	Other	Straight-Time: Hours	Total Hourly Rate	Overtime Hourly Rate: Daily/ Saturday[b] 1½X	Sunday[c] 2X	Holiday[c] 3X
Landscape Operating Engineer											
Backhoe Operators											
Forklifts-Tree Planting Equipment (jobsite)											
HDR Welder-Landscape, Irrigation, Operating Engineers' Equipment											
Roller Operators											
Rubber-tired & Track Earthmoving Equipment											
Skiploader Operators											
Trencher-31 horsepower and up	$38.41	$11.45	$10.65	$3.55	$1.00	$0.15	8.0	$65.21	$84.415	$103.62	$142.03

[#] 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 per hour worked for supplemental dues.
[b] Rate applies to the first four overtime hours daily and the first twelve hours on Saturday. Thereafter use the Sunday overtime rate.
[c] All work performed on a Dewatering Operation on holidays and all other work on holidays except Labor Day and the 1st Saturday following the 1st Friday in the months of June and December is paid at Sunday rate.
[d] Includes an amount for the Defined Contribution Plan (Annuity).

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #Tunnel (Operating Engineer)

DETERMINATION: SC-23-63-2-2018-1C
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019* 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

		Employer Payments					Straight – Time		Overtime Hourly Rate		
CLASSIFICATION (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension (d)	Vacation/ Holiday (a)	Training	Other Payments	Hours	Total Hourly Rate	Daily (b)	Saturday (c)	Sunday/ Holiday
									1 1/2X	1 1/2X	2X
Classification Groups											
Group 1	$47.15	$11.45	$10.65	$3.55	$1.00	$0.39	8	$74.19	$97.765	$97.765	$121.34
Group 2	$47.93	$11.45	$10.65	$3.55	$1.00	$0.39	8	$74.97	$98.935	$98.935	$122.90
Group 3	$48.22	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.26	$99.370	$99.370	$123.48
Group 4	$48.36	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.40	$99.580	$99.580	$123.76
Group 5	$48.58	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.62	$99.910	$99.910	$124.20
Group 6	$48.69	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.73	$100.075	$100.075	$124.42
Group 7	$48.81	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.85	$100.255	$100.255	$124.66
Group 8	$50.16	$11.45	$10.65	$3.55	$1.00	$0.39	8	$77.20	$102.280	$102.280	$127.36
Group 9	$49.11	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.15	$100.705	$100.705	$125.26

# 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.

[a] Includes an amount withheld for supplemental dues.

[b] Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

[c] Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

[d] Includes an amount for Annuity

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

CLASSIFICATIONS:

GROUP 1
Heavy Duty Repairman Helper

GROUP 2
Skiploader (wheel type up to 3/4 yd. without attachment)

GROUP 3
Chainman
Power-Driver Jumbo Form Setter Operator

GROUP 4
Dinkey Locomotive or Motorman (up to and including 10 tons)
Rodman

GROUP 5
Bit Sharpener
Equipment Greaser (Grease Truck)
Instrumentman
Slip Form Pump Operator (power driven hydraulic lifting device for concrete forms)
Tugger Hoist Operator (1 drum)
Tunnel Locomotive Operator (over 10 and up to and including 30 tons)
Welder-General

GROUP 6
Backhoe Operator (up and including 3/4 yd.) Small Ford, Case or similar
Drill Doctor
Grouting Machine Operator
Heading Shield Operator
Heavy Duty Repairman
Jumbo Pipe Carrier
Loader Operator (Athey, Euclid, Sierra and similar types)
Mucking Machine Operator (1/4 yd rubber tired, rail or track type)
Pneumatic Concrete Placing Machine Operator (Hackley-Presswell or similar type)
Pneumatic Heading Shield (Tunnel)
Pumpcrete Gun Operator
Tractor Compressor Drill Combination Operator
Tugger Hoist Operator (2 drum)
Tunnel Locomotive Operator (over 30 tons)

GROUP 7
Heavy Duty Repairman-Welder Combination

GROUP 8
Party Chief

GROUP 9
Tunnel Mole Boring Machine Operator

MISCELLANEOUS PROVISIONS:

1. Operators on hoists with three drums shall receive fifteen cents (15¢) per hour additional pay to the regular rate of pay. The additional pay shall be added to the regular rate and become the base rate for the entire shift.
2. All heavy duty repairman and heavy duty combination shall receive fifty cents (50¢) per hour tool allowance in addition to their regular rate of pay and this shall become their base rate of pay.
3. Employees required to suit up and work in a hazardous material environment, shall receive Two Dollars ($2.00) per hour in addition to their regular rate of pay, and that rate shall become the basic hourly rate of pay.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #Tunnel (Operating Engineer)(Multi-Shift)

DETERMINATION: SC-23-63-2-2018-1C1
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019* 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

		Employer Payments					Straight – Time		Overtime Hourly Rate		
CLASSIFICATION (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension (d)	Vacation/ Holiday (a)	Training	Other Payments	Hours	Total Hourly Rate	Daily (b) 1 1/2X	Saturday (c) 1 1/2X	Sunday/ Holiday 2X
Classification Groups											
Group 1	$47.15	$11.45	$10.65	$3.55	$1.00	$0.39	7.5	$74.19	$97.765	$97.765	$121.34
Group 2	$47.93	$11.45	$10.65	$3.55	$1.00	$0.39	7.5	$74.97	$98.935	$98.935	$122.90
Group 3	$48.22	$11.45	$10.65	$3.55	$1.00	$0.39	7.5	$75.26	$99.370	$99.370	$123.48
Group 4	$48.36	$11.45	$10.65	$3.55	$1.00	$0.39	7.5	$75.40	$99.580	$99.580	$123.76
Group 5	$48.58	$11.45	$10.65	$3.55	$1.00	$0.39	7.5	$75.62	$99.910	$99.910	$124.20
Group 6	$48.69	$11.45	$10.65	$3.55	$1.00	$0.39	7.5	$75.73	$100.075	$100.075	$124.42
Group 7	$48.81	$11.45	$10.65	$3.55	$1.00	$0.39	7.5	$75.85	$100.255	$100.255	$124.66
Group 8	$50.16	$11.45	$10.65	$3.55	$1.00	$0.39	7.5	$77.20	$102.280	$102.280	$127.36
Group 9	$49.11	$11.45	$10.65	$3.55	$1.00	$0.39	7.5	$76.15	$100.705	$100.705	$125.26

# 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.

[a] Includes an amount withheld for supplemental dues.

[b] Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

[c] Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

[d] Includes an amount for Annuity

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

CLASSIFICATIONS:

GROUP 1
Heavy Duty Repairman Helper

GROUP 2
Skiploader (wheel type up to 3/4 yd. without attachment)

GROUP 3
Chainman
Power-Driver Jumbo Form Setter Operator

GROUP 4
Dinkey Locomotive or Motorman (up to and including 10 tons)
Rodman

GROUP 5
Bit Sharpener
Equipment Greaser (Grease Truck)
Instrumentman
Slip Form Pump Operator (power driven hydraulic lifting device for concrete forms)
Tugger Hoist Operator (1 drum)
Tunnel Locomotive Operator (over 10 and up to and including 30 tons)
Welder-General

GROUP 6
Backhoe Operator (up and including 3/4 yd.) Small Ford, Case or similar
Drill Doctor
Grouting Machine Operator
Heading Shield Operator
Heavy Duty Repairman
Jumbo Pipe Carrier
Loader Operator (Athey, Euclid, Sierra and similar types)
Mucking Machine Operator (1/4 yd rubber tired, rail or track type)
Pneumatic Concrete Placing Machine Operator (Hackley-Presswell or similar type)
Pneumatic Heading Shield (Tunnel)
Pumpcrete Gun Operator
Tractor Compressor Drill Combination Operator
Tugger Hoist Operator (2 drum)
Tunnel Locomotive Operator (over 30 tons)

GROUP 7
Heavy Duty Repairman-Welder Combination

GROUP 8
Party Chief

GROUP 9
Tunnel Mole Boring Machine Operator

MISCELLANEOUS PROVISIONS:

1. Operators on hoists with three drums shall receive fifteen cents (15¢) per hour additional pay to the regular rate of pay. The additional pay shall be added to the regular rate and become the base rate for the entire shift.
2. All heavy duty repairman and heavy duty combination shall receive fifty cents (50¢) per hour tool allowance in addition to their regular rate of pay and this shall become their base rate of pay.
3. Employees required to suit up and work in a hazardous material environment, shall receive Two Dollars ($2.00) per hour in addition to their regular rate of pay, and that rate shall become the basic hourly rate of pay.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

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

DETERMINATION: SC-23-63-2-2018-1D
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019* 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

		Employer Payments					Straight – Time		Overtime Hourly Rate		
CLASSIFICATION (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension (d)	Vacation/ Holiday (a)	Training	Other Payments	Hours	Total Hourly Rate	Daily (b)	Saturday (c)	Sunday/ Holiday
									1 1/2X	1 1/2X	2X
Classification Groups											
Group 1	$46.08	$11.45	$10.65	$3.55	$1.00	$0.39	8	$73.12	$96.160	$96.160	$119.20
Group 2	$47.86	$11.45	$10.65	$3.55	$1.00	$0.39	8	$74.90	$98.830	$98.830	$122.76
Group 3	$49.86	$11.45	$10.65	$3.55	$1.00	$0.39	8	$76.90	$101.830	$101.830	$126.76

# 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.

[a] Includes an amount withheld for supplemental dues.

[b] Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

[c] Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

[d] Includes an amount for Annuity

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TTRAVEL 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/DPreWageDetermination.htm. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

CLASSIFICATIONS:

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

GROUP II
AWS-CWI Welding Inspector
Building / Construction Inspector
Licensed Grading Inspector
Reinforcing Steel
Reinforced Concrete
Pre-Tension Concrete
Post-Tension Concrete
Structural Steel and Welding Inspector
Glue-Lam and truss Joints
Truss-Type Joint Construction
Shear Wall and Floor System used as diaphragms
Concrete batch Plant
Spray-Applied Fireproofing
Structural masonry

Group III
Nondestructive Testing (NDT)

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

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

DETERMINATION: SC-23-63-2-2018-1D1

ISSUE DATE: August 22, 2018

EXPIRATION DATE OF DETERMINATION: June 30, 2019* 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

		Employer Payments					Straight – Time		Overtime Hourly Rate		
CLASSIFICATION (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension (d)	Vacation/ Holiday (a)	Training	Other Payments	Hours	Total Hourly Rate	Daily (b) 1 1/2X	Saturday (c) 1 1/2X	Sunday/ Holiday 2X
Classification Groups											
Group 1	$46.58	$11.45	$10.65	$3.55	$1.00	$0.39	8	$73.62	$96.910	$96.910	$120.20
Group 2	$48.36	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.40	$99.580	$99.580	$123.76
Group 3	$50.36	$11.45	$10.65	$3.55	$1.00	$0.39	8	$77.40	$102.580	$102.580	$127.76

# 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.

[a] Includes an amount withheld for supplemental dues.

[b] Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

[c] Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

[d] Includes an amount for Annuity

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

CLASSIFICATIONS:

GROUP I

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

GROUP II

AWS-CWI Welding Inspector
Building / Construction Inspector
Licensed Grading Inspector
Reinforcing Steel
Reinforced Concrete
Pre-Tension Concrete
Post-Tension Concrete
Structural Steel and Welding Inspector
Glue-Lam and truss Joints
Truss-Type Joint Construction
Shear Wall and Floor System used as diaphragms
Concrete batch Plant
Spray-Applied Fireproofing
Structural masonry

Group III

Nondestructive Testing (NDT)

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

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

DETERMINATION: SC-23-63-2-2018-1D2
Issue Date: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019* 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

		Employer Payments					Straight – Time		Overtime Hourly Rate		
CLASSIFICATION (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension (e)	Vacation/ Holiday (a)	Training	Other Payments	Hours (d)	Total Hourly Rate	Daily (b) 1 1/2X	Saturday (c) 1 1/2X	Sunday/ Holiday 2X
Classification Groups											
Group 1	$47.08	$11.45	$10.65	$3.55	$1.00	$0.39	8	$74.12	$97.660	$97.660	$121.20
Group 2	$48.86	$11.45	$10.65	$3.55	$1.00	$0.39	8	$75.90	$100.330	$100.330	$124.76
Group 3	$50.86	$11.45	$10.65	$3.55	$1.00	$0.39	8	$77.90	$103.330	$103.330	$128.76

# 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.

[a] Includes an amount withheld for supplemental dues.

[b] Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

[c] Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

[d] The Third Shift shall work 6.5 hours, exclusive of meal period, for which 8 hours straight-time shall be paid at the non-shift rate, Monday thorugh Friday.

[e] Includes an amount for Annuity

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

CLASSIFICATIONS:

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

GROUP II
AWS-CWI Welding Inspector
Building / Construction Inspector
Licensed Grading Inspector
Reinforcing Steel
Reinforced Concrete
Pre-Tension Concrete
Post-Tension Concrete
Structural Steel and Welding Inspector
Glue-Lam and truss Joints
Truss-Type Joint Construction
Shear Wall and Floor System used as diaphragms
Concrete batch Plant
Spray-Applied Fireproofing
Structural masonry

Group III
Nondestructive Testing (NDT)

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS
CRAFT: LANDFILL WORKER (OPERATING ENGINEER)

DETERMINATION: SC-63-12-41-2019-1
ISSUE DATE: February 22, 2019
EXPIRATION DATE OF DETERMINATION: March 31, 2019* 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura Counties.

			Employer Payments				Straight-Time		Overtime Hourly Rate		
CLASSIFICATION (Journeyperson)	Basic Hourly Rate	Health and Welfare[a]	Pension	Vacation/ Holiday	Training	Other Payments[b]	Hours	Total Hourly Rate	Daily 1 1/2X	Saturday[c] 1 1/2X	Sunday/ Holiday 2X
Mechanic	$22.15	$4.21	$1.05	$1.78	$.06	$3.80	8	$33.05	$44.125	$44.125	$55.20
Lead Equipment Operator	20.15	4.12	.95	1.61	.06	3.44	8	30.33	40.405	40.405	50.48
Lead Truck Driver/ Equipment Operator	19.15	4.07	.90	1.52	.06	3.26	8	28.96	38.535	38.535	48.11
Truck Driver - End Dump/Walking Floor/Low Bed	18.15	4.02	.85	1.44	.06	3.08	8	27.60	36.675	36.675	45.75
Truck Driver - Roll Off/Transfer Station Loader Operator/Maintenance/ Fueler/Mechanic Helper	17.15	3.98	.80	1.35	.06	2.90	8	26.24	34.815	34.815	43.39
Scale House Load Checker/Water Truck Driver/Parts Runner	16.15	3.93	.75	1.27	.06	2.72	8	24.88	32.955	32.955	41.03
Laborer	12.00	3.70	.50	.85	.06	1.81	8	18.92	24.92	24.92	30.92
	12.00	3.61	.40	.68	.06	1.45	8	18.20	24.20	24.20	30.20

[a] Includes an amount for Sick Leave.
[b] Amount for employee stock ownership.
[c] Rate applies to the sixth consecutive day of work.

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

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm. 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.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: LIGHT FIXTURE MAINTENANCE

DETERMINATION: SC-830-61-1-2019-1
ISSUE DATE: February 22, 2019
EXPIRATION DATE OF DETERMINATION: April 1, 2019* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Division of Labor Statistics and Research at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

LOCALITY: All localities within **Riverside** county. For other counties please contact the Division of Labor Statistics and Research prior to Bid Advertisement at (415) 703-4774.

		Employer Payments				Straight-Time		Overtime Hourly Rate		
CLASSIFICATION	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Hours	Total Hourly Rate	Daily 1 1/2X	Saturday & Sunday 1 1/2X	Holiday 2X
Lighting Maintenance Service Person	$12.00	.29	----	.34	----	8	12.63	18.63	18.63	24.63

DETERMINATION: SC-830-61-2-2000-1
ISSUE DATE: February 22, 2000
EXPIRATION DATE OF DETERMINATION: April 1, 2000* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Division of Labor Statistics and Research at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

LOCALITY: All localities within **San Bernardino** county. For other counties please contact the Division of Labor Statistics and Research prior to Bid Advertisement at (415) 703-4774.

		Employer Payments				Straight-Time		Overtime Hourly Rate	
CLASSIFICATION	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Hours	Total Hourly Rate	Daily 1 1/2X	Sunday Holiday 1 1/2X
Lighting Maintenance Service Person	$13.56	2.43	.39	----	.50	8	16.88	23.66	23.66

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/DPreWageDetermination.htm. 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. Travel and/or subsistence requirements for each craft, classification or type of worker may be obtained from 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: FIRE SAFETY AND MISCELLANEOUS SEALING

DETERMINATION: SC-3-5-4-2019-1
ISSUE DATE: February 22, 2019
EXPIRATION DATE OF DETERMINATION: August 31, 2019** 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura counties.

CLASSIFICATION (JOURNEYPERSON)	Basic Hourly Rate[a]	Employer Payments: Health and Welfare	Pension	Vacation/ Holiday	Other Payment	Straight-Time Hours	Total Hourly Rate	Overtime Hourly Rate: Daily and Saturday 1 1/2X	Sunday and Holiday 2X	3X [e]
ASBESTOS WORKER										
Fire Safety Technician - Class I [c] (0-2000 hrs)	$17.58	$8.77[b]	-	$0.90	$0.05	8	$27.30	$36.09[d]	$44.88	$62.46
Fire Safety Technician - Class II [c] (2001-4000 hrs)	$22.53	$8.77[b]	-	$1.26	$0.05	8	$32.61	$43.875[d]	$55.14	$77.67
Fire Safety Technician - Class III[c] (4001-6000 hrs)	$24.04	$8.77[b]	$8.01	$1.33	$0.05	8	$42.20	$54.22[d]	$66.24	$90.28
Fire Safety Technician - Class IV[c] (6001 or more hrs)	$27.92	$8.77[b]	$8.01	$1.53	$0.05	8	$46.28	$60.24[d]	$74.20	$102.12

DETERMINATION: SC-204-X-18-2018-1
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: August 31, 2019** 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura counties.

CLASSIFICATION (JOURNEYPERSON)	Basic Hourly Rate[a]	Employer Payments: Health and Welfare	Pension	Vacation/ Holiday[g]	Training	Other Payment	Straight-Time Hours	Total Hourly Rate	Overtime Hourly Rate: Daily and Saturday 1 1/2X	Sunday and Holiday 2X	3X
PLUMBER											
Fire Safety Technician - Class I [c] (0 -2000 hrs)	$18.66	$7.60	-	-	$0.10	$0.95	8	$27.31	$36.64[f]	$45.97	$64.63
Fire Safety Technician - Class II [c] (2001-4000 hrs)	$23.97	$7.60	-	-	$0.10	$0.95	8	$32.62	$44.605 [f]	$55.98	$78.73
Fire Safety Technician - Class III[c] (4001-6000 hrs)	$27.30	$7.60	$5.77	-	$0.10	$0.95	8	$41.72	$55.37 [f]	$68.16	$93.74
Fire Safety Technician - Class IV[c] (6001 or more hrs)	$31.36	$7.60	$5.77	-	$0.10	$0.95	8	$45.78	$61.46 [f]	$75.78	$104.42

[a] Includes an amount per hour worked for Administrative Dues.
[b] Includes an amount for Occupational Health and Research.
[c] The 1st man on a job site shall be a Class IV Fire Safety Technician. A Class IV must be on a job site at all times.
[d] Rate applies to the first 2 daily overtime hours and the first 8 hours worked on Saturday. All other overtime is at the Sunday & Holiday rate.
[e] No work shall be performed on Labor Day, except in special cases of extreme emergency and then only when triple (3) times is paid.
[f] Rate applies to the first 2 daily overtime hours and the first 10 hours worked on Saturday. All other overtime is at the Sunday & Holiday rate.
[g] Vacation/Holiday shall be paid at time and one half for all overtime hours and is included in the Basic Hourly 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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: FIRE SAFETY AND MISCELLANEOUS SEALING (SHIFT)

DETERMINATION: SC-3-5-4-2019-1
ISSUE DATE: February 22, 2019
EXPIRATION DATE OF DETERMINATION: August 31, 2019** 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura counties.

CLASSIFICATION (JOURNEYPERSON)	Basic Hourly Rate[a]	Employer Payments: Health and Welfare	Pension	Vacation/ Holiday	Other Payment	Straight-Time Hours	Total Hourly Rate	Overtime Hourly Rate: Daily and Saturday 1 1/2X	Sunday and Holiday 2X	3X[g]
ASBESTOS WORKER										
Fire Safety Technician - Class I [c] (0-2000 hrs)	$17.58	$8.77[b]	-	$0.90	$0.05	d	$27.30	$36.09[e]	$44.88	$62.46
Fire Safety Technician - Class II [c] (2001-4000 hrs)	$22.53	$8.77[b]	-	$1.26	$0.05	d	$32.61	$43.875[e]	$55.14	$77.67
Fire Safety Technician - Class III[c] (4001-6000 hrs)	$24.04	$8.77[b]	$8.01	$1.33	$0.05	d	$42.20	$54.22[e]	$66.24	$90.28
Fire Safety Technician - Class IV[c] (6001 or more hrs)	$27.92	$8.77[b]	$8.01	$1.53	$0.05	d	$46.28	$60.24[e]	$74.20	$102.12

DETERMINATION: SC-204-X-18-2018-1
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: August 31, 2019** 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura counties.

CLASSIFICATION (JOURNEYPERSON)	Basic Hourly Rate[a]	Employer Payments: Health and Welfare	Pension	Vacation/ Holiday[h]	Training	Other Payment	Straight-Time Hours	Total Hourly Rate	Overtime Hourly Rate: Daily/ Saturday 1 1/2X	Sunday/ Holiday 2X	3X
PLUMBER											
Fire Safety Technician - Class I [c] (0 -2000 hrs)	$19.59	$7.60	-	-	$0.10	$0.95	8	$28.24	$38.035[f]	$47.83	$67.42
Fire Safety Technician - Class II [c] (2001-4000 hrs)	$25.11	$7.60	-	-	$0.10	$0.95	8	$33.76	$46.315[f]	$58.26	$82.15
Fire Safety Technician - Class III[c] (4001-6000 hrs)	$28.58	$7.60	$5.77	-	$0.10	$0.95	8	$43.00	$57.29[f]	$70.72	$97.58
Fire Safety Technician - Class IV[c] (6001 or more hrs)	$32.79	$7.60	$5.77	-	$0.10	$0.95	8	$47.21	$63.605[f]	$78.64	$108.71

[a] Includes an amount per hour worked for Administrative Dues.
[b] Includes an amount for Occupational Health and Research.
[c] The 1st man on a job site shall be a Class IV Fire Safety Technician. A Class IV must be on a job site at all times.
[d] When 2 or 3 shifts are employed, the 2nd shift shall work 7.5 hours for 8 hours pay; the 3rd shift shall work 7 hours for 8 hours pay.
[e] Rate applies to the first 2.5 daily overtime hours on the 2nd shift; first 3 daily overtime hours on the 3rd shift; and the first 7.5 hours (2nd shift) and first 7 hours (3rd shift) worked on Saturday. All other overtime is at the Sunday & Holiday rate.
[f] Rate applies to the first 2 daily overtime hours and the first 10 hours worked on Saturday. All other overtime is at the Sunday & Holiday rate.
[g] No work shall be performed on Labor Day, except in special cases of extreme emergency and then only when triple (3) times is paid.
[h] Vacation/Holiday shall be paid at time and one half for all overtime hours and is included in the Basic Hourly 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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #LABORER AND RELATED CLASSIFICATIONS

DETERMINATION: SC-23-102-2-2019-1
ISSUE DATE: February 22, 2019
EXPIRATION DATE OF DETERMINATION: June 30, 2019** 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

		Employer Payments					Straight-Time		Overtime Hourly Rates		
Classification [a] (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ and Holiday[d]	Training	Other Payment	Hours	Total Hourly Rate	Daily[b] 1 1/2X	Saturday[bc] 1 1/2X	Sunday and Holiday
CLASSIFICATION GROUPS											
Group 1	$34.24	7.32	8.03	4.84	0.69	0.61	8	55.73	72.850	72.850	89.97
Group 2	34.79	7.32	8.03	4.84	0.69	0.61	8	56.28	73.675	73.675	91.07
Group 3	35.34	7.32	8.03	4.84	0.69	0.61	8	56.83	74.500	74.500	92.17
Group 4	36.89	7.32	8.03	4.84	0.69	0.61	8	58.38	76.825	76.825	95.27
Group 5	37.24	7.32	8.03	4.84	0.69	0.61	8	58.73	77.350	77.350	95.97

# 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.

[a] For classification within each group, see page 14.
[b] Any hours worked over 12 hours in a single workday are double (2) time.
[c] Saturdays in the same work week may be worked at straight-time if job is shut down during work week due to inclement weather or similar Act of God, or a situation beyond the employers control.
[d] Includes an amount per hour worked 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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

CLASSIFICATION GROUPS

GROUP 1

Boring Machine Helper (Outside)
Certified Confined Space Laborer
Cleaning and Handling of Panel Forms
Concrete Screeding for Rough Strike-Off
Concrete, Water Curing
Demolition Laborer, the cleaning of brick if performed by an employee performing any other phase of demolition work, and the cleaning of lumber
Fiberoptic Installation, Blowing, Splicing, and Testing Technician on public right-of- way only
Fire Watcher, Limbers, Brush Loaders, Pilers and Debris Handlers
Flagman
Gas, Oil and/or Water Pipeline Laborer
Laborer, Asphalt-Rubber Material Loader
Laborer, General or Construction
Laborer, General Cleanup
Laborer, Jetting
Laborer, Temporary Water and Air Lines
Plugging, Filling of Shee-Bolt Holes; Dry Packing of Concrete and Patching
Post Hole Digger (Manual)
Railroad Maintenance, Repair Trackman and Road Beds; Streetcar and Railroad Construction Track Laborers
Rigging and Signaling
Scaler
Slip Form Raisers
Tarman and Mortar Man
Tool Crib or Tool House Laborer
Traffic Control by any method
Water Well Driller Helper
Window Cleaner
Wire Mesh Pulling - All Concrete Pouring Operations

GROUP 2

Asphalt Shoveler
Cement Dumper (on 1 yard or larger mixer and handling bulk cement)
Cesspool Digger and Installer
Chucktender
Chute Man, pouring concrete, the handling of the chute from readymix trucks, such as walls, slabs, decks, floors, foundations, footings, curbs, gutters and sidewalks
Concrete Curer-Impervious Membrane and Form Oiler
Cutting Torch Operator (Demolition)
Fine Grader, Highways and Street Paving, Airport, Runways, and similar type heavy construction
Gas, Oil and/or Water Pipeline Wrapper-Pot Tender and Form Man
Guinea Chaser
Headerboard Man-Asphalt
Installation of all Asphalt Overlay Fabric and Materials used for Reinforcing Asphalt
Laborer, Packing Rod Steel and Pans
Membrane Vapor Barrier Installer
Power Broom Sweepers (small)
Riprap, Stonepaver, placing stone or wet sacked concrete
Roto Scraper and Tiller
Sandblaster (Pot Tender)
Septic Tank Digger and Installer (leadman)

GROUP 2 (continued)

Tank Scaler and Cleaner
Tree Climber, Faller, Chain Saw Operator, Pittsburgh Chipper and similar type Brush Shredders
Underground Laborer, including Caisson Bellower

GROUP 3

Asphalt Installation of all fabrics
Buggymobile Man
Compactor (all types including Tampers, Barko, Wacker)
Concrete Cutting Torch
Concrete Pile Cutter
Driller, Jackhammer, 2 1/2 ft. drill steel or longer
Dri Pak-it Machine
Gas, Oil and/or Water Pipeline Wrapper - 6-inch pipe and over by any method, inside and out
Impact Wrench, Multi-Plate
Kettlemen, Potmen and Men applying asphalt, lay-kold, creosote, lime caustic and similar type materials
Laborer, Fence Erector
Material Hoseman (Walls, Slabs, Floors and Decks)
Operators of Pneumatic, Gas, Electric Tools, Vibrating Machines, Pavement Breakers, Air Blasting, Come-Alongs, and similar mechanical tools not separately classified herein; operation of remote controlled robotic tools in connection with Laborers work
Pipelayer's backup man, coating, grouting, making of joints, sealing, caulking, diapering and including rubber gasket joints, pointing and any and all other services
Power Post Hole Digger
Rock Slinger
Rotary Scarifier or Multiple Head Concrete Chipping Scarifier
Steel Headerboard Man and Guideline Setter
Trenching Machine, Hand Propelled

GROUP 4

Any Worker Exposed to Raw Sewage
Asphalt Raker, Luteman, Ironer, Asphalt Dumpman, and Asphalt Spreader Boxes (all types)
Concrete Core Cutter (walls, floors or ceilings), Grinder or Sander
Concrete Saw Man, Cutting Walls or Flat Work, Scoring old or new concrete
Cribber, Shorer, Lagging, Sheeting and Trench Bracing, Hand-Guided Lagging Hammer
Head Rock Slinger
High Scaler (including drilling of same)
Laborer, Asphalt-Rubber Distributor Bootman
Laser Beam in connection with Laborer's work
Oversize Concrete Vibrator Operator, 70 pounds and over
Pipelayer
Prefabricated Manhole Installer
Sandblaster (Nozzleman), Water Blasting, Porta Shot-Blast
Subsurface Imaging Laborer
Traffic Lane Closure, certified

GROUP 5

Blasters Powderman
Driller
Toxic Waste Removal
Welding, certified or otherwise in connection with Laborers' work

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: TUNNEL WORKER (LABORER)

DETERMINATION: SC-23-102-12-2018-1

ISSUE DATE: August 22, 2018

EXPIRATION DATE OF DETERMINATION: June 30, 2019** 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura Counties.

		Employer Payments					Straight-Time		Overtime Hourly Rate		
Classification (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday	Training	Other Payments	Hours	Total Hourly Rate	Daily 1 1/2X[c]	Saturday 1 1/2X[c]	Sunday and Holiday
Group I	$40.19	$7.32	$8.03	[a]$4.84	$0.69	$0.61	8	$61.68	$81.775	$81.775	$101.87
Group II	$40.51	$7.32	$8.03	[a]$4.84	$0.69	$0.61	8	$62.00	$82.255	$82.255	$102.51
Group III	$40.97	$7.32	$8.03	[a]$4.84	$0.69	$0.61	8	$62.40	$82.945	$82.945	$103.43
Group IV[b]	$41.66	$7.32	$8.03	[a]$4.84	$0.69	$0.61	8	$63.15	$83.980	$83.980	$104.81

[a] Includes an amount per hour worked for supplemental dues.

[b] The classification "Shaft and Raise Work" shall be applicable to all work from the entrance to the shaft or raise and including surge chambers. This classification shall apply to all work involving surge chambers up to ground level.

[c] All work performed over 12 hours in a single work day shall be paid for at double time (2x).

CLASSIFICATIONS

Group I
Batch Plant Laborer
Bottom Lander
Changehouseman
Dumpman
Outside Dumpman
Loading and Unloading Agitator Cars
Nipper
Pot Tender using mastic or other materials
Rollover Dumpman
Shotcrete Man (helper)
Subsurface Laborer (non-miner)
Swamper/Brakemen (Brakeman and Switchman on tunnel work)
Tool Man
Top Lander
Tunnel Materials Handling Man

Group II
Bull Gang Mucker
Trackman
Chemical Grout Jetman
Chucktender
Cabletender
Concrete crew-include Rodders and Spreaders
Grout Mixerman
Grout Pumpman
Operating of Trowling and/or Grouting Machines
Vibratorman
Jack Hammer Pneumatic Tools (except driller)

Group III
Blaster
Driller
Powderman
Cherry Pickerman
Grout Gunman
Jackleg Miner
Jumbo Man
Kemper and other Pneumatic Concrete Placer Operator
Miner - Tunnel (hand or machine)
Micro-Tunneling, Micro-Tunneling Systems
Nozzleman
Powderman-Primer House
Primer Man
Sandblaster
Segment Erector
Steel Form Raiser and Setter
Timberman, Retimberman, wood or steel
Tunnel Concrete Finisher

Group IV
Shaft and Raise Work[b]
Diamond Driller

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director - Research Unit at (415) 703-4774.

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

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

CRAFT: GUNITE WORKER (LABORER)

DETERMINATION: SC-102-345-1-2018-1
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for new rates after 10 days from the expiration date, if no subsequent determination is issued.
LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura counties.

		Employer Payments				Straight-Time		Overtime Hourly Rate				
Classification (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Other Payments	Hours	Total Hourly Rate	Daily 1 1/2X[b]	Daily 2X	Saturday[f] 1 1/2X[c]	Saturday[f] 2X	Sunday and Holiday
Ground Wire Man, Nozzleman, Rodman	$42.18[d]	7.32	7.00	[a] 5.80	0.09	8	62.39	83.48	104.57	83.48	104.57	104.57
Gunman	41.23[d]	7.32	7.00	[a] 5.80	0.09	8	61.44	82.055	102.67	82.055	102.67	102.67
Reboundman	37.69[d]	7.32	7.00	[a] 5.80	0.09	8	57.90	76.745	95.59	76.745	95.59	95.59
Entry-Level Gunite Worker Step 1[e] (0-1000 hours)	27.30[d]	4.40	6.11	[a] 5.80	0.06	8	43.67	57.32	70.97	57.32	70.97	70.97
Entry-Level Gunite Worker Step 2[e] (1001- 2000 hours)	29.30[d]	4.40	6.11	[a] 5.80	0.06	8	45.67	60.32	74.97	60.32	74.97	74.97

[a] Includes an amount per hour worked for Supplemental Dues.
[b] Rate applies to the first 3 overtime hours.
[c] Rate applies to the first 11 overtime hours.
[d]Employees working from a Bos'n's Chair or suspended from a rope or cable shall receive $0.40/hour above this rate.
[e]Ratio is one Entry- Level Gunite Worker for the 1st 4 Journeymen (although the Entry-Level Gunite Worker may be the 2nd worker on the job) and 1 Entry-Level Gunite Worker for every 4 Journeymen thereafter (the Entry-Level Gunite Worker may not be on the job until after all 4 Journeymen are on the job).
[f] In the event it is not reasonably possible to complete forty (40) hours of work on an eight (8) hour day shift, Monday through Friday, then the balance of the forty (40) hours may be worked on Saturday at the straight time rate.

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director - 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/DPreWageDetermination.htm. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director - Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: HOUSEMOVER (LABORER)

DETERMINATION: SC-102-507-1-2018-1
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019** 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties.

		Employer Payments					Straight-Time		Overtime Hourly Rate		
CLASSIFICATION (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday[a]	Training	Other Payments[b]	Hours	Total Hourly Rate	Daily[c] 1 1/2X	Saturday[c,d] 1 1/2X	Sunday/ Holiday 2X
Housemover	$34.29	7.32	8.03	4.84	0.69	0.51	8.0	55.68	72.825	72.825	89.97

[a] Includes Supplemental Dues contribution.
[b] Include an amount for Contract Administration Fund ($0.07), Contract Compliance Trust Fund ($0.30), Industry Fund ($0.08), and Laborers Trusts' Administrative Trust Fund ($0.06).
[c] Any hours over 12 hours in a single workday are double time.
[d] If the employee is unable to complete the forty (40) hours during the normal workweek, Monday through Friday, due to inclement weather or a situation beyond the employers control, then the balance of the forty (40) hours may be worked on Saturday at the straight-time rate in the same workweek.

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by containing 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/DPreWageDetermination.htm. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

CRAFT: #LANDSCAPE/IRRIGATION LABORER/TENDER

DETERMINATION: SC-102-X-14-2018-1
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: July 31, 2019** 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura counties.

		Employer Payments					Straight-Time		Overtime Hourly Rate		
CLASSIFICATION (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily[b] 1 1/2X	Saturday[b] 1 1/2X	Sunday/ Holiday 2X
Landscape/Irrigation Laborer	$32.43	$7.32	$8.03	$4.84[a]	$0.69	$0.48	8	$53.79	$70.005	$70.005	$86.22
Landscape Hydro Seeder	$33.53	$7.32	$8.03	$4.84[a]	$0.69	$0.48	8	$54.89	$71.655	$71.655	$88.42

DETERMINATION: SC-102-X-14-2018-1A
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: July 31, 2019* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for new rates after 10 days from the expiration date, if no subsequent determination is issued.

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

Landscape/Irrigation Tender[c]	$15.00	$2.25	$1.25	$1.00[a]	--	--	8	$19.50	$27.00	$27.00	$34.50

#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 per hour worked for Supplemental Dues.
[b] Rate applies to first 4 daily overtime hours and the first 12 hours on Saturday. All other time is paid at the Sunday and Holiday double-time rate.
[c] The first employee on the jobsite shall be a Landscape/Irrigation Laborer; the second employee on the jobsite must be an Apprentice or a Landscape/Irrigation Laborer; and the third and fourth employees may be Tenders. The fifth employee on the jobsite shall be a Landscape/Irrigation Laborer; the sixth employee must be an Apprentice or a Landscape/Irrigation Laborer ; and the seventh and eight employees may be Tenders. Thereafter, Tenders may be employed with Landscape/Irrigation Laborers in a 50/50 ratio on each jobsite. However, plant establishment may be performed exclusively by Landscape/Irrigation Tenders without the supervision of a Journeyman.

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the Travel and/or subsistence provisions for the current determinations on the Internet at http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm. Travel and/or Subsistence provisions 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[1] (LABORER)
(APPLIES ONLY TO ROUTINE TREE MAINTENANCE WORK, NOT CONSTRUCTION AND/OR LANDSCAPE CONSTRUCTION[2])

DETERMINATION: SC-102-X-20-2018-2
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019** 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura Counties.

		Employer Payments					Straight-Time		Overtime Hourly Rate	
CLASSIFICATION[a] (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily 1 1/2X[b]	Sunday/ Holiday 2X
Senior Tree Trimmer	$19.75	$2.35	$1.50	$2.02	-	$0.10	8	$25.72	$35.595	$45.47
Tree Trimmer	$17.75	$2.35	$1.50	$1.82	-	$0.10	8	$23.52	$32.395	$41.27
Groundsperson	$15.00	$2.35	$1.50	$1.67	-	$0.10	8	$20.62	$28.12	$35.62

[a] There shall be at least one Senior Tree Trimmer on crews of three or more.
[b] 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.

[1] 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.

[2] This determination does not apply to tree trimming, removal, or planting work performed on construction or landscape construction contracts.

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm. Travel and/or Subsistence provisions 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

CRAFT: ## LANDSCAPE MAINTENANCE LABORER
(APPLIES ONLY TO ROUTINE LANDSCAPE MAINTENANCE WORK NOT NEW LANDSCAPE CONSTRUCTION)[1]

DETERMINATION: SC-LML-2019-1
ISSUE DATE: February 22, 2019
EXPIRATION DATE OF DETERMINATION: March 31, 2019* 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.

		Employer Payments					Straight-Time		Overtime
LOCALITY:	Basic Hourly Rate	Health and Welfare	Pension	Vacation	Holiday	Training	Hours	Total Hourly Rate	1 1/2X
Imperial	$12.00	-	-	[a] 0.115	0.17	-	8	[b]12.285	[b]18.285
Inyo, Mono and San Bernardino	12.00	-	-	0.30	0.17	-	8	12.47	18.47
Kern	12.00	-	-	[c] 0.16	0.17	-	8	[b]12.33	[b]18.33
	12.00	-	-	[d] 0.27	0.46	-	8	[b]12.73	[b]18.73
Los Angeles	12.00	0.89	-	[e] 0.115	0.14	-	8	[b]13.145	[b]19.145
Orange	12.00	-	-	[f] 0.11	0.11	-	8	[b]12.22	[b]18.22
Riverside	12.00	-	-	[g] 0.20	0.16	-	8	[b]12.36	[b]18.36
San Diego	12.00	-	-	0.22	0.115	-	8	12.335	18.335
	12.00	-	-	0.24	0.12	-	8	12.36	18.36
San Luis Obispo	12.00	-	-	[k] 0.15	0.15	-	8	12.30	18.30
	12.00	-	-	[l] 0.16	0.16	-	8	12.32	18.32
Santa Barbara	12.00	-	-	[h] 0.12	0.12	-	8	[b]12.24	[b]18.24
	12.00	-	-	[i] 0.13	0.13	-	8	[b]12.26	[b]18.26
Ventura	12.00	-	-	0.115	0.16	-	8	12.275	18.275
	12.00	2.97	-	[j] 0.19	0.26	-	8	[b]15.42	[b]21.42

Craft is not apprenticeable.
NOTE: If there are two rates, the first rate is for routine work, the second rate is for complex work.

[a] $0.22 after 3 years of service.
[b] Computation is based on the first years of employment. This rate should be increased by any applicable vacation increase as stated in other footnotes.
[c] $0.31 after 2 years of service.
[d] $0.54 after 2 years of service: $0.81 after 3 years of service.
[e] $0.24 after 3 years of service: $0.37 after 7 years of service.
[f] $0.22 after 4 years of service.
[g] $0.40 after 3 years of service.
[h] $0.23 after 2 years of service.
[i] $0.27 after 2 years of service.
[j] $0.38 after 3 years of service.
[k] $0.29 after 2 years of service.
[l] $0.31 after 2 years of service.

[1] 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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: ASBESTOS AND LEAD ABATEMENT (LABORER)

DETERMINATION: SC-102-882-1-2019-1
ISSUE DATE: February 22, 2019
EXPIRATION DATE OF DETERMINATION: February 29, 2020** 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura Counties

		Employer Payments					Straight-Time		Overtime Hourly Rate		
Classification (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday[a]	Training	Other[b]	Hours	Total Hourly Rate	Daily 1 1/2X	Saturday[c] 1 1/2X	Sunday/ Holiday 2X
Asbestos and Lead Abatement Worker	$34.69	7.32	8.03	4.84	0.75	0.49	8	$56.12	$73.465	$73.465	$90.81

[a] Includes an amount for supplemental dues.
[b] Includes amounts for Center for Contract Compliance, Contract Administration Fund, Industry Fund, and Laborers' Trust Administrative Trust Fund.
[c] Saturdays in the same work week may be worked at straight-time if the job is shut down during the normal work week due to inclement weather, or reasons beyond the control of the employer.

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

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

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the Travel and/or subsistence provisions for the current determinations on the Internet at http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm. Travel and/or Subsistence provisions 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
(STRIPING, SLURRY AND SEAL COAT OPERATIONS-LABORER)

DETERMINATION: SC-23-102-6-2018-1
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019** 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura counties.

		Employer Payments					Straight-Time		Overtime Hourly Rates		
Classification (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday	Training	Other	Hours [b]	Total Hourly Rate	Daily 1 1/2X	6th & 7th Day [c] 1 1/2X	Holiday 2X
CLASSIFICATION GROUPS											
Group 1	$36.91	$7.32	$4.98	$5.08[a]	$1.31	$0.50	8	$56.10	$74.555	$74.555	$93.01
Group 2	38.21	7.32	4.98	5.08[a]	1.31	0.50	8	57.40	76.505	76.505	95.61
Group 3	40.22	7.32	4.98	5.08[a]	1.31	0.50	8	59.41	79.520	79.520	99.63
Group 4	41.96	7.32	4.98	5.08[a]	1.31	0.50	8	61.15	82.130	82.130	103.11

# 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.

[a] Includes an amount per hour worked for Supplemental Dues.
[b] Straight-time hours: 8 consecutive hours per day. 40 hours over 5 consecutive days, Monday through Sunday shall constitute a week's work at straight time.
[c] The sixth consecutive day in the same work week may be worked at straight-time if job is shut down during work week due to inclement weather.

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

CLASSIFICATION GROUPS:

Group 1
Protective coating, Pavement sealing (repairs and filling of cracks by any method to parking lots, game courts and playgrounds)
Installation of carstops
Traffic Control Person & Serviceman; including work of installing and protecting utility covers, traffic delineating devices, posting of no parking and notifications for public convenience
Asphalt Repair
Equipment Repair Technician

Group 2
Traffic Surface Abrasive Blaster
Pot Tender
Traffic Control Person/Certified Traffic Control Person
Repairing and filling of cracks and surface cleaning on streets, highways, and airports by any means, and other work not directly connected with the application of slurry seal
Slurry Seal Squeegeeman (finisher)

Group 3
Traffic Delineating Device Applicator
Traffic Protective System Installer
Pavement Marking Applicator
Slurry Seal Applicator Operator (Line Driver)
Shuttleman (loader/slurry machine operations) operation of all related machinery and equipment

Group 4
Traffic Striping Applicator
Slurry Seal Mixer Operator
Power Broom Sweeper (operation of all related machinery and equipment)

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: SC-23-203-2-2018-1
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019** 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura Counties.

		Employer Payments					Straight-Time		Overtime Hourly Rate		
CLASSIFICATION (JOURNEYPERSON)	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday	Training	Other Payments	Hours	Total Hourly Rate	Daily 1 1/2X	Saturday[a] 1 1/2X	Sunday/ Holiday 2X
Cement Mason, Curb and Gutter Machine Operator; Clary and Similar Type of Screed Operator (Cement only); Grinding Machine Operator (all types); Jackson Vibratory, Texas Screed and Similar Type Screed Operator; Scoring Machine Operator	$35.75	8.02	9.27	6.80[b]	0.64	0.27	8	60.75	78.625[c]	78.625[c]	96.50
Magnesite, magnesite-terrazzo and mastic composition, Epoxy, Urethanes and exotic coatings, Dex-O-Tex	$35.87	8.02	9.27	6.80[b]	0.64	0.27	8	60.87	78.805[c]	78.805[c]	96.74
Floating and Troweling Machine Operator	$36.00	8.02	9.27	6.80[b]	0.64	0.27	8	61.00	79.00[c]	79.00[c]	97.00

# 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.

[a] Saturday in the same work week may be worked at straight-time rate, up to 8 hours on Saturday or when the employee has worked a total of 40 hours in the work week, if it is not reasonably possible for any individual employee on a particular job site to complete 40 hours of work on a 8 hour day, Monday through Friday, due to inclement weather or similar act of God or a situation beyond the control of the contractor.

[b] Includes an amount for supplemental dues.

[c] Rate applies to the first 4 daily overtime hours and the first 12 hours worked on Saturday. All other time is paid at the double time (2X) rate.

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #TEAMSTER
(APPLIES ONLY TO WORK ON THE CONSTRUCTION SITE)

DETERMINATION: SC-23-261-2-2018-2
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019* 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: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties

			Employer Payments				Straight-Time		Overtime Hourly Rates		
Classification[c] (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday	Training[e]	Other Payments	Hours	Total Hourly Rate	Daily[d] 1 1/2X	Saturday[d] 1 1/2X	Sunday/ Holiday 2X
Group I	30.59	17.87	6.00	3.05[a]	1.67	.45	8	59.63	74.925	74.925	90.22
Group II	30.74	17.87	6.00	3.05[a]	1.67	.45	8	59.78	75.15	75.15	90.52
Group III	30.87	17.87	6.00	3.05[a]	1.67	.45	8	59.91	75.345	75.345	90.78
Group IV	31.06	17.87	6.00	3.05[a]	1.67	.45	8	60.10	75.63	75.63	91.16
Group V	31.09	17.87	6.00	3.05[a]	1.67	.45	8	60.13	75.675	75.675	91.22
Group VI	31.12	17.87	6.00	3.05[a]	1.67	.45	8	60.16	75.72	75.72	91.28
Group VII	31.37	17.87	6.00	3.05[a]	1.67	.45	8	60.41	76.095	76.095	91.78
Group VIII	31.62	17.87	6.00	3.05[a]	1.67	.45	8	60.66	76.47	76.47	92.28
Group IX	31.82	17.87	6.00	3.05[a]	1.67	.45	8	60.86	76.77	76.77	92.68
Group X	32.12	17.87	6.00	3.05[a]	1.67	.45	8	61.16	77.22	77.22	93.28
Group XI	32.62	17.87	6.00	3.05[a]	1.67	.45	8	61.66	77.97	77.97	94.28
Subjourneyman[b]											
0-2000 hours	16.80	17.87	6.00	1.90[a]	1.67	.45	8	44.69	53.09	53.09	61.49
2001-4000 hours	18.80	17.87	6.00	2.15[a]	1.67	.45	8	46.94	56.34	56.34	65.74
4001-6000 hours	20.80	17.87	6.00	2.40[a]	1.67	.45	8	49.19	59.59	59.59	69.99
Over 6000 hours and thereafter at journeyman rates											

# 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.

[a] Includes an amount for Supplemental Dues.

[b] Subjourneyman may be employed at a ratio of one subjourneyman for every five journeymen.

[c] For classifications within each group, see page 21A.

[d] Rate applies to the first 4 daily overtime hours on weekdays and the first 12 hours on Saturday. All other overtime is paid at the Sunday/Holiday double-time rate.

[e] Includes $0.60 for Apprentice Program Fund and $1.07 for Teamster Training and Upgrading Trust.

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at http://www.dir.ca.gov/oprl/DPreWageDetermination.htm. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

DETERMINATION: SC-23-261-2-2018-2

Group I
Warehouseman and Teamster

Group II
Driver of Vehicle or Combination of Vehicles - 2 axles
Traffic Control Pilot Car, excluding moving heavy equipment permit load
Truck Mounted Power Broom

Group III
Driver of Vehicle or Combination of Vehicles - 3 axles
Bootman
Cement Mason Distribution Truck
Fuel Truck Driver
Water Truck - 2 axles
Dump Truck of less than 16 yards water level
Erosion Control Driver

Group IV
Driver of Transit Mix Truck-Under 3 yds
Dumpcrete Truck Less than 6 1/2 yards water level
Truck Repairman Helper

Group V
Water Truck 3 or more axles
Warehouseman Clerk
Slurry Truck Driver

Group VI
Driver of Transit Mix Truck - 3 yds or more
Dumpcrete Truck 6 1/2 yds water level and over
Driver of Vehicle or Combination of Vehicles - 4 or more axles
Driver of Oil Spreader Truck
Dump Truck 16 yds to 25 yds water level
Side Dump Trucks
Flow Boy Dump Trucks

Group VII
A Frame, Swedish Crane or Similar
Forklift Driver
Ross Carrier Driver
Truck Greaser and Tireman - $0.50 additional for Tireman
Pipeline and Utility Working Truck Driver, including Winch Truck and Plastic Fusion, limited to Pipeline and Utility Work
Working Truck Driver

Group VIII
Dump Truck of 25 yds to 49 yards water level
Truck Repairman
Water Pull Single Engine
Welder

Group IX
Truck Repairman Welder
Low Bed Driver, 9 axles or over

Group X
Water Pull Single Engine with attachment
Dump Truck and Articulating - 50 yards or more water level

Group XI
Water Pull Twin Engine
Water Pull Twin Engine with attachments
Winch Truck Driver - $0.25 additional when operating a Winch or similar special attachments

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #TEAMSTER (SPECIAL SHIFT)
(APPLIES ONLY TO WORK ON THE CONSTRUCTION SITE)

DETERMINATION: SC-23-261-2-2018-2
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019* 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: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties

		Employer Payments					Straight-Time		Overtime Hourly Rates		
Classification[c] (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday	Training[e]	Other Payments	Hours	Total Hourly Rate	Daily[d] 1 1/2X	Saturday[d] 1 1/2X	Sunday/ Holiday 2X
Group I	31.09	17.87	6.00	3.05[a]	1.67	.45	8	60.13	75.675	75.675	91.22
Group II	31.24	17.87	6.00	3.05[a]	1.67	.45	8	60.28	75.90	75.90	91.52
Group III	31.37	17.87	6.00	3.05[a]	1.67	.45	8	60.41	76.095	76.095	91.78
Group IV	31.56	17.87	6.00	3.05[a]	1.67	.45	8	60.60	76.38	76.38	92.16
Group V	31.59	17.87	6.00	3.05[a]	1.67	.45	8	60.63	76.425	76.425	92.22
Group VI	31.62	17.87	6.00	3.05[a]	1.67	.45	8	60.66	76.47	76.47	92.28
Group VII	31.87	17.87	6.00	3.05[a]	1.67	.45	8	60.91	76.845	76.845	92.78
Group VIII	32.12	17.87	6.00	3.05[a]	1.67	.45	8	61.16	77.22	77.22	93.28
Group IX	32.32	17.87	6.00	3.05[a]	1.67	.45	8	61.36	77.52	77.52	93.68
Group X	32.62	17.87	6.00	3.05[a]	1.67	.45	8	61.66	77.97	77.97	94.28
Group XI	33.12	17.87	6.00	3.05[a]	1.67	.45	8	62.16	78.72	78.72	95.28
Subjourneyman[b]											
0-2000 hours	16.80	17.87	6.00	1.90[a]	1.67	.45	8	44.69	53.09	53.09	61.49
2001-4000 hours	18.80	17.87	6.00	2.15[a]	1.67	.45	8	46.94	56.34	56.34	65.74
4001-6000 hours	20.80	17.87	6.00	2.40[a]	1.67	.45	8	49.19	59.59	59.59	69.99
Over 6000 hours and thereafter at journeyman rates											

#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.

[a] Includes an amount for Supplemental Dues.

[b] Subjourneyman may be employed at a ratio of one subjourneyman for every five journeymen.

[c] For classifications within each group, see page 21A.

[d] Rate applies to the first 4 daily overtime hours and the first 12 hours on Saturday. All other overtime is paid at the Sunday/Holiday double-time rate.

[e] Includes $0.60 for Apprentice Program Fund and $1.07 for Teamster Training and Upgrading Trust.

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at http://www.dir.ca.gov/oprl/DPreWageDetermination.htm. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #TEAMSTER (SECOND SHIFT)
(APPLIES ONLY TO WORK ON THE CONSTRUCTION SITE)

DETERMINATION: SC-23-261-2-2018-2
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019* 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: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties

		Employer Payments					Straight-Time		Overtime Hourly Rates		
Classification[c] (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday	Training[f]	Other Payments	Hours[d]	Total Hourly Rate	Daily[e] 1 1/2X	Saturday[e] 1 1/2X	Sunday/ Holiday 2X
Group I	31.59	17.87	6.00	3.05[a]	1.67	.45	8	60.63	76.425	76.425	92.22
Group II	31.74	17.87	6.00	3.05[a]	1.67	.45	8	60.78	76.65	76.65	92.52
Group III	31.87	17.87	6.00	3.05[a]	1.67	.45	8	60.91	76.845	76.845	92.78
Group IV	32.06	17.87	6.00	3.05[a]	1.67	.45	8	61.10	77.13	77.13	93.16
Group V	32.09	17.87	6.00	3.05[a]	1.67	.45	8	61.13	77.175	77.175	93.22
Group VI	32.12	17.87	6.00	3.05[a]	1.67	.45	8	61.16	77.22	77.22	93.28
Group VII	32.37	17.87	6.00	3.05[a]	1.67	.45	8	61.41	77.595	77.595	93.78
Group VIII	32.62	17.87	6.00	3.05[a]	1.67	.45	8	61.66	77.97	77.97	94.28
Group IX	32.82	17.87	6.00	3.05[a]	1.67	.45	8	61.86	78.27	78.27	94.68
Group X	33.12	17.87	6.00	3.05[a]	1.67	.45	8	62.16	78.72	78.72	95.28
Group XI	33.62	17.87	6.00	3.05[a]	1.67	.45	8	62.66	79.47	79.47	96.28
Subjourneyman[b]											
0-2000 hours	16.80	17.87	6.00	1.90[a]	1.67	.45	8	44.69	53.09	53.09	61.49
2001-4000 hours	18.80	17.87	6.00	2.15[a]	1.67	.45	8	46.94	56.34	56.34	65.74
4001-6000 hours	20.80	17.87	6.00	2.40[a]	1.67	.45	8	49.19	59.59	59.59	69.99
Over 6000 hours and thereafter at journeyman rates											

#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.

[a] Includes an amount for Supplemental Dues.

[b] Subjourneyman may be employed at a ratio of one subjourneyman for every five journeymen.

[c] For classifications within each group, see page 21A.

[d] The third shift shall work 6.5 hours, exclusive of meal period, for which 8 hours straight-time shall be paid at the non-shift rate, Monday through Friday.

[e] Rate applies to the first 4 daily overtime hours and the first 12 hours on Saturday. All other overtime is paid at the Sunday/Holiday double-time rate.

[f] Includes $0.60 for Apprentice Program Fund and $1.07 for Teamster Training and Upgrading Trust.

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at http://www.dir.ca.gov/oprl/DPreWageDetermination.htm. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: # HORIZONTAL DIRECTIONAL DRILLING (LABORER)

DETERMINATION: SC-102-1184-1-2018-1
ISSUE DATE: August 22, 2018
EXPIRATION DATE OF DETERMINATION: June 30, 2019** 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 Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura Counties.

		Employer Payments					Straight-Time		Overtime Hourly Rate		
Classification (Journeyperson)	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday[a]	Training	Other Payments	Hours	Total Hourly Rate	Daily 1 1/2x	Saturday[b] 1 1/2x	Sunday/ Holiday 2x
GROUP I											
(Drilling Crew Laborer)	$35.70	$7.32	$4.38	$3.37	$0.40	$0.98	8	$52.15	70.000	70.000	$87.85
GROUP II											
(Vehicle Operator/Hauler)	$35.87	$7.32	$4.38	$3.37	$0.40	$0.98	8	$52.32	70.255	70.255	$88.19
GROUP III											
(Horizontal Directional Drill Operator)	$37.72	$7.32	$4.38	$3.37	$0.40	$0.98	8	$54.17	73.030	73.030	$91.89
GROUP IV											
(Electronic Tracking Locator, Subsurface Imaging Laborer)	$39.72	$7.32	$4.38	$3.37	$0.40	$0.98	8	$56.17	76.030	76.030	$95.89

# 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.

[a] Includes an amount for Supplemental Dues.

[b] In the event, due to inclement weather, major equipment breakdown, or similar Act of God, it is not reasonably possible to complete forty (40) hours of work Monday through Friday, then the balance of the forty (40) hours may be worked on Saturday at the straight-time rate.

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/DPreWageDetermination.htm. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director - Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director - Research Unit at (415) 703-4774.

Appendix B
CONSTRUCTION PROJECT PLANS
ASPHALT RUBBER COMPOSITE LAYER OVERLAY
ALONG W 11TH STREET FROM N "D" TO OLD SR-86

ASPHALT RUBBER COMPOSITE LAYER OVERLAY ALONG W 11TH STREET FROM N "D" TO OLD SR-86 BID 2019-10

IN THE CITY OF IMPERIAL, COUNTY OF IMPERIAL, STATE OF CALIFORNIA.

STREET IMPROVEMENT GENERAL NOTES:

1. CITY ENCROACHMENT PERMIT CONDITIONS AND PROVISIONS SHALL TAKE PRECEDENCE OVER THE APPROVED PLANS AND SPECIFICATIONS FOR ANY CONFLICTS.

2. THE STRUCTURAL SECTION SHALL BE IN ACCORDANCE WITH CITY OF IMPERIAL STANDARDS (OR CALTRANS IF IN STATE RIGHT OF WAY) AND AS APPROVED BY THE DEVELOPMENT SERVICES DEPARTMENT DIRECTOR (OR CALTRANS).

3. APPROVAL OF THESE IMPROVEMENT PLANS AS SHOWN DOES NOT CONSTITUTE APPROVAL OF ANY CONSTRUCTION OUTSIDE THE PROJECT BOUNDARY.

4. ALL UNDERGROUND UTILITIES WITHIN THE STREET RIGHT–OF–WAY SHALL BE CONSTRUCTED, CONNECTED AND TESTED PRIOR TO CONSTRUCTION OF BERM, CURB, CROSS–GUTTER AND PAVING.

5. THE EXISTENCE AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO OTHER EXISTING FACILITIES EXCEPT AS SHOWN ON THESE PLANS. HOWEVER, THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING FACILITY SHOWN HEREON AND ANY OTHER WHICH IS NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

6. LOCATION AND ELEVATION OF IMPROVEMENTS TO BE MET BY WORK TO BE DONE SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK. CONTRACTOR WILL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES.

7. UTILITIES COORDINATION NO LESS THAN 3 WORKING DAYS PRIOR TO ANY EXCAVATION OR TRENCHING, EACH CONTRACTOR DOING SUCH WORK SHALL CONTACT THE FOLLOWING AGENCIES SO THAT EXISTING UNDERGROUND UTILITIES MAY BE LOCATED. THE AGENCY MAY REQUIRE AN INSPECTOR TO BE PRESENT.

1. CITY OF IMPERIAL PUBLIC WORKS DEPT.	(760) 355–1152
2. IMPERIAL IRRIGATION DISTRICT (POWER)	(760) 339–9280
3. IMPERIAL IRRIGATION DISTRICT (WATER)	(760) 339–9263
4. PACIFIC BELL	(800) 442–4133
5. THE GAS CO.	(800) 422–4133/(800) 227–2600
6. CABLE COMPANY	TO BE DETERMINED

EXISTING UNDERGROUND UTILITIES BEFORE EXCAVATING FOR THIS CONTRACT, VERIFY LOCATION OF UNDERGROUND UTILITIES. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS ONLY AND MAY NOT REFLECT ALL EXISTING UTILITIES. LOCATION OF ALL EXISTING UTILITIES SHALL BE CONFIRMED BY FIELD MEASUREMENTS BY CONTRACTOR PRIOR TO CONSTRUCTION OF WORK. CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHER EXISTING LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. ACCURATE VERIFICATION AS TO SIZE, LOCATION AND DEPTH OF EXISTING UNDERGROUND SERVICES SHALL BE THE CONTRACTORS REPSONSIBILITY. THE CONTRACTOR SHALL NOTIFY THE SOUTHERN CALIFORNIA GAS COMPANY, PACIFIC BELL, TELEPHONE COMPANY, IMPERIAL IRRIGATION DISTRICT AND ANY OTHER AFFECTED UTILITY AGENCIES PRIOR TO STARTING HIS WORK WITH UTILITY REPRESENTATIVES. FOR LOCATION OF UNDERGROUND UTILITIES AND APPURTENANCES, CONTACT "UNDERGROUND SERVICE ALERT": AT 1–800 422 4133

8. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE UTILITY AGENCIES, ADVISE THEM OF THE PROPOSED IMPROVEMENTS AND BEAR THE COST OF RELOCATIONS, IF NEEDED.

9. CONSTRUCT A PUBLIC STREET LIGHT SYSTEM CONFORMING TO APPROPRIATE STANDARDS AND STREET LIGHT SPECIFICATIONS. POWER SOURCES AND RUNS SHALL BE SHOWN ON THE "AS–BUILT" IMPROVEMENT DRAWINGS. ALL POWER SOURCES SHALL BE LOCATED WITHIN THE DEDICATED RIGHT–OF–WAY EASEMENT.

10. NO PAVING SHALL BE DONE UNTIL EXISTING POWER POLES ARE RELOCATED OUTSIDE THE AREAS TO BE PAVED.

11. PRIVATE ROAD IMPROVEMENTS SHOWN HEREON ARE FOR INFORMATION ONLY. CITY OFFICIALS SIGNATURE HEREON DOES NOT CONSTITUTE APPROVAL OR RESPONSABILITY OF ANY KIND FOR THE DESIGN OR CONSTRUCTION OF THESE PRIVATE IMPROVEMENTS.

12. ALL SIGNS TO BE ALUMINUM WITH 3M HIGH INTENSITY TYPE REFLECTIVE FACE OR EQUIVALENT.

13. CONTRACTOR WILL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY STRIPING, PAVEMENT MARKERS, OR LEGENDS OBLITERATED BY THE CONSTRUCTION OF THIS PROJECT.

14. THE CONTRACTOR SHALL DO ALL NEW STRIPING AND SANDBLASTING OF REDUNDANT STRIPING.

15. THE CONSTRUCTION OF ONE PCC STANDARD DRIVEWAY PER LOT, LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER OF WORK. PCC SURFACING OF DRIVEWAY TO EXTEND FROM CURB TO PROPRTY LINE UNLESS OTHERWISE SHOWN.

16. THE CONTRACTOR SHALL BE RESPONSIBLE TO SECURE AN ENCROACHMENT PERMIT FROM THE CITY OF IMPERIAL PUBLIC WORKS DEPARTMENT FOR ANY EXCAVATION OR CONSTRUCTION WITHIN CITY ROAD RIGHT–OF–WAY. FOR INSPECTIONS, 24 HOUR MINIMUM NOTICE IS REQUIRED, (760) 482–4462. ADDITIONALLY, UNDERGROUND SERVICE ALERT (USA) MUST BE CALLED TWO WORKING DAYS BEFORE THE CONTRACTOR MAY EXCAVATE. THEY'RE CONTACT NUMBER 1–800–227–2600. ALL WORK AND MATERIALS ARE SUBJECT TO THE INSPECTION AND APPROVAL FROM THE CITY OF IMPERIAL PUBLIC WORKS DEPARTMENT OR THEIR REPRESENTATIVE.

17. NO REVISIONS OF ANY KIND SHALL BE MADE TO THESE PLANS WITHOUT THE PRIOR WRITTEN APPROVAL OF BOTH THE CITY ENGINEER (OR HIS REPRESENTATIVE) AND THE ENGINEER OF RECORD. A REPRODUCIBLE AS–BUILT PLAN SET WILL BE PROVIDED TO THE CITY OF IMPERIAL PUBLIC WORKS DEPARTMENT AS A CONDITION OF SUBSTANTIAL CONSTRUCTION COMPLETION AND PRIOR TO ACCEPTANCE.

18. ALL WORK AND MATERIAL SHALL CONFORM TO THESE PLANS AND SPECIFICATIONS, THE CITY OF IMPERIAL PUBLIC WORKS DEPARTMENT STANDARDS AND ENCROACHMENT PERMIT CONDITIONS, ANY REFERENCED STANDARDS AND SPECIFICATIONS AND THE SPECIFICATIONS & THE REQUIREMENTS OF THE AGENCIES REFERRED TO HEREIN. ALL WORK SHOWN OR INDICATED BY THESE PLANS SHALL BE COMPLETED IN ACCORDANCE WITH THE STANDARDS, POLICIES AND REGULATIONS OF THE CITY OF IMPERIAL; WHERE, OR IF, CONFLICTS OCCUR, THEN THE CITY OF IMPERIAL REQUIREMENTS SHALL GOVERN.

19. UNLESS SPECIFICALLY INDICATED OTHERWISE METHODS EMPLOYED AND MATERIAL USED IN THE CONSTRUCTION OF ALL OFFSITE IMPROVEMENTS SHALL CONFORM TO THE APPLICABLE PROVISIONS OF THE "STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED JULY 1999". ALL WORK IS SUBJECT TO INSPECTION AND APPROVAL AS REQUIRED.

20. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DIVISION OF SAFETY AND TO ADHERE TO ALL PROVISIONS OF THE STATE CONSTRUCTION SAFETY ORDERS AND STANDARDS.

21. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A GENERAL CONSTRUCTION ACTIVITY STORM WATER PERMIT FROM THE STATE WATER RESOURCES CONTROL BOARD DIVISION OF WATER QUALITY, CONTACT "STATE WATER RESOURCES CONTROL BOARD, DIVISION OF WATER QUALITY, ATTENTION: STORM WATER PERMIT UNIT, P.O. BOX 1977, SACRAMENTO, CALIFORNIA, 95812.

22. CONSTRUCTION PROJECTS DISTURBING MORE THAN ONE ACRE MUST OBTAIN A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT. OWNER/DEVELOPERS ARE REQUIRED TO FILE A NOTICE OF INTENT (NOI) WITH THE STATE WATER RESOURCES CONTROL BOARD, PREPARE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND MONITORING PLAN FOR THE SITE.

23. AS DETERMINED BY THE CITY OF IMPERIAL PUBLIC WORKS DEPARTMENT DIRECTOR/ROAD COMIMISIONER, THE DEVELOPER IS RESPONSIBLE, FOR A MINIMUM, FOR ROAD IMPROVEMENTS TO CENTERLINE, AND MAY BE REQUIRED TO RECONSTRUCT EXISTING PAVEMENT, INCLUDING BASE, AND MATCHING OVERLAY REQUIRED TO MEET THE STRUCTURAL STANDARDS FOR THE CURRENT ASSIGNED TRAFFIC INDEX.

24. EXISTING STORM DRAIN PIPES/CULVERTS WHETHER TO BE CONNECTED TO. EXTENDED, ADJUSTED, DRAINED TO, OR JUST IN PROJECT VICINITY SHALL BE REPAIRED AND/OR CLEANED TO MAKE THEN FUNCTIONAL AND ACCEPTABLE AS DIRECTED BY THE CITY OF IMPERIAL PUBLIC WORKS DEPARTMENT DIRECTOR.

25. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE CURRENT WORK AREA TRAFFIC CONTROL HANDBOOK OR AS DIRECTED BY THE CITY IF IMPERIAL PUBLIC WORKS DEPARTMENT TRAFFIC ENGINEER.

26. ANY EXISTING SURVEY MONUMENTS OR CITY RECOGNIZED BENCHMARKS SHALL BE PROTECTED BY THE CONTRACTOR. SHOULD ANY SUCH MONUMENTS OR BENCHMARKS BE REMOVED, DAMAGED, OBLITERATED OR ALTERED BY THE CONTRACTORS OPERATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER RESETTING OF THE SAME AS PER THE SUBDIVISION MAP ACT, THE PROFESSIONAL LAND SURVEYORS ACT AND THE SATISFACTION OF THE CITY SURVEYOR/ DIRECTOR DEPARTMENT.

27. THE NOTES LISTED ABOVE ARE MINIMUM LIST. THIS DOES NOT RELIEVE THE ENGINEER FROM COMPILING ADDITIONAL NOTES THAT MAY BE REQUIRED FOR THE PROJECT.

TRAFFIC CONTROL PLAN NOTE:

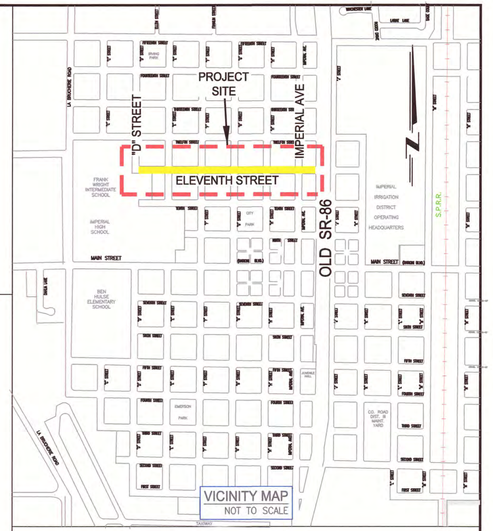
IT IS RESPONSIBILITY OF THE CONTRACTOR TO SUBMIT THE TRAFFIC CONTROL PLAN FOR THIS PROJECT AT LEAST TWO (2) WEEKS PRIOR TO THE START OF CONSTRUCTION.

WATER POLLUTION CONTROL PLAN NOTE:

THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTAL A WATER POLLUTION CONTROL PLAN

SHEET INDEX:

1 TITLE SHEET
2 SITE PLAN
3 STRIPING PLAN
4 DETAIL SHEET "A"
5 DETAIL SHEET "B"



LEGEND:

- RIGHT OF WAY LINE
- BASELINE
- EXIST. AC PAVEMENT
- PROPOSED OVERLAY AREA
- EXIST GAS LINE
- EXIST ELECTRIC OVERHEAD LINE
- EXIST TELEPHONE LINE
- EXIST SPOT ELEVATION
- EXIST SLOPE

CALL BEFORE YOU DIG — UNDERGROUND SERVICE ALERT CALL: TOLL FREE 811 — TWO WORKING DAYS BEFORE YOU DIG

NO.	REVISIONS:	APPROVED	DATE

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans.
All changes to the plans must be in writing and must be approved by the preparer of these plans.

APPROVED FOR CONSTRUCTION BY: CITY OF IMPERIAL DIRECTOR OF PUBLIC WORKS

JACKIE LOPER — 10-15-19 DATE

CITY OF IMPERIAL
420 South Imperial Avenue
Imperial, CA 92251
Ph: (760) 355-3840 • Fax: (760)355-4718

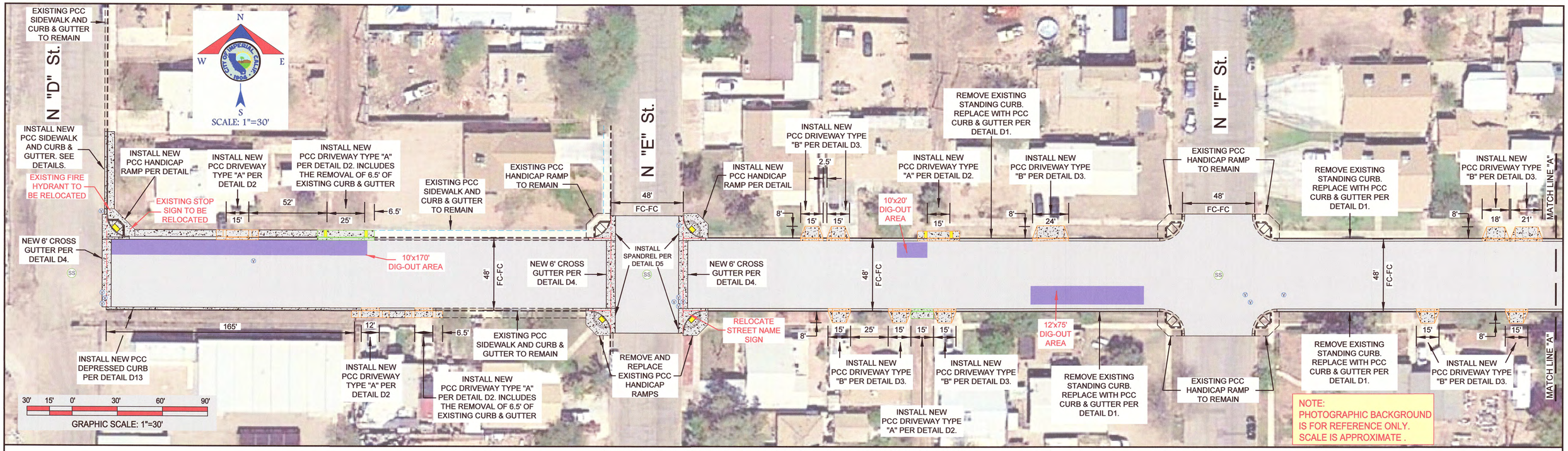
COMMUNITY DEVELOPMENT DEPARTMENT

TITLE SHEET

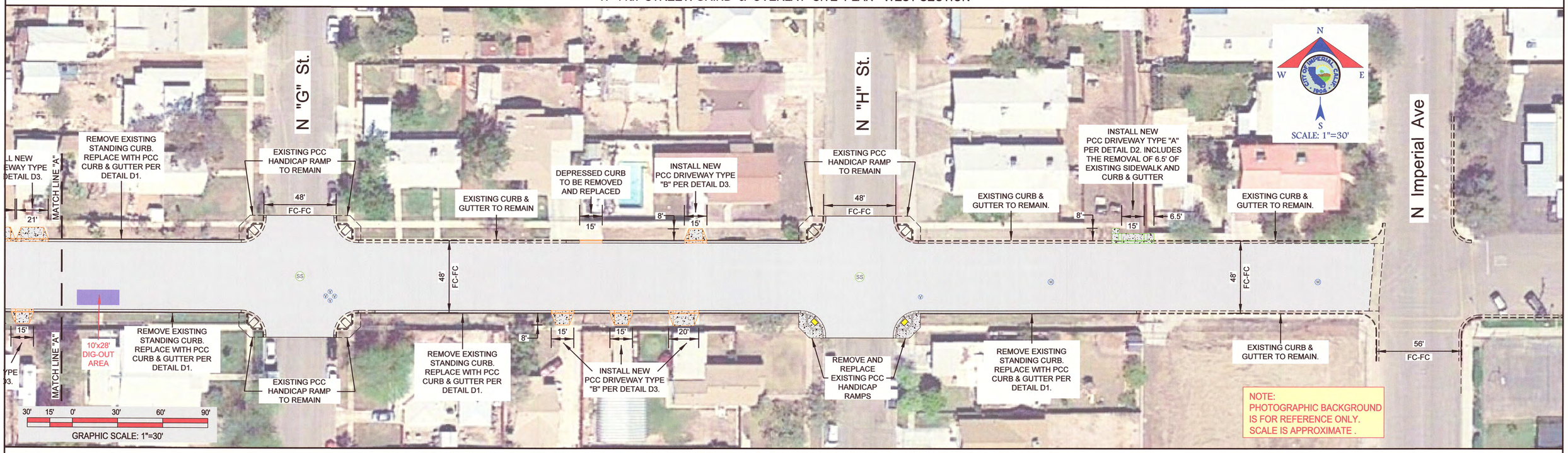
ASPHALT RUBBER COMPOSITE LAYER OVERLAY ALONG W 11TH STREET FROM N "D" TO OLD SR-86 BID 2019-10

DATE: 10/11/2019

SHEET 1 OF 5 SHEETS



W 11th STREET: GRIND & OVERLAY SITE PLAN - WEST SECTION



W 11th STREET: GRIND & OVERLAY SITE PLAN - EAST SECTION

NO.	REVISIONS:	APPROVED	DATE

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans.
All changes to the plans must be in writing and must be approved by the preparer of these plans.

APPROVED FOR CONSTRUCTION BY: CITY OF IMPERIAL DIRECTOR OF PUBLIC WORKS

JACKIE LOPER — DATE 10-15-19

CITY OF IMPERIAL
420 South Imperial Avenue
Imperial, CA 92251
Ph: (760) 355-3840 • Fax: (760)355-4718

COMMUNITY DEVELOPMENT DEPARTMENT

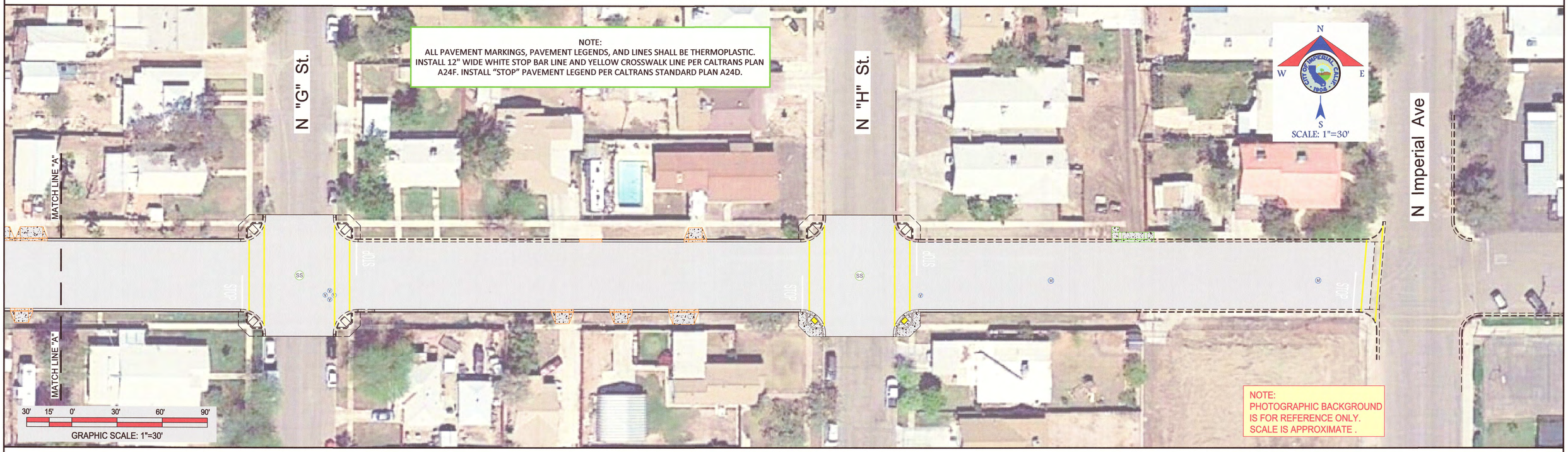
SITE PLAN

ASPHALT RUBBER COMPOSITE LAYER OVERLAY ALONG W 11TH STREET FROM N "D" TO OLD SR-86
BID 2019-10

DATE: 10/11/2019

SHEET 2 OF 5 SHEETS

W 11th STREET: STRIPING PLAN - WEST SECTION



W 11th STREET: STRIPING PLAN - EAST SECTION

NO.	REVISIONS:	APPROVED	DATE

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.

APPROVED FOR CONSTRUCTION BY: CITY OF IMPERIAL DIRECTOR OF PUBLIC WORKS

JACKIE LOPER — 10-15-19 DATE

CITY OF IMPERIAL
420 South Imperial Avenue
Imperial, CA 92251
Ph: (760) 355-3840 • Fax: (760)355-4718

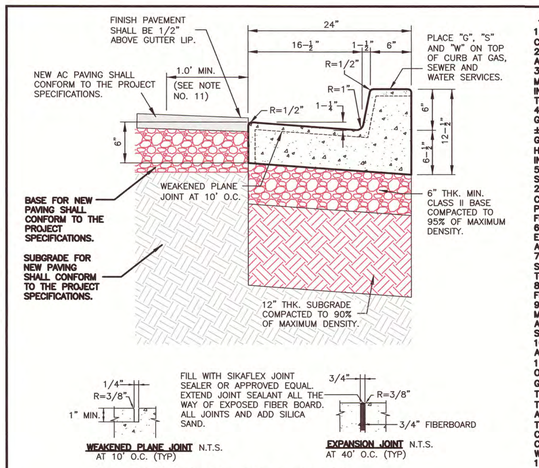
COMMUNITY DEVELOPMENT DEPARTMENT

STRIPING PLAN

ASPHALT RUBBER COMPOSITE LAYER OVERLAY ALONG W 11TH STREET FROM N "D" TO OLD SR-86
BID 2019-10

DATE: 10/11/2019

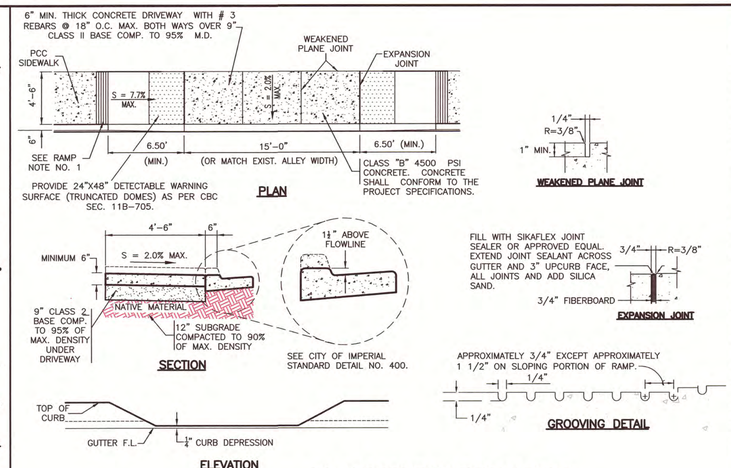
SHEET 3 OF 5 SHEETS



D1 - PCC CURB AND GUTTER DETAIL

NOTES:

1.–EXPANSION JOINTS TO BE INSTALLED AT ALL B.C.'S, E.C.'S, CURB RETURNS AND STRUCTURES IN ADDITION TO @ 40' O.C.
2.–PLACE WEAKENED PLANE JOINTS EVERY 10 LINEAR FEET ALONG THE CURB.
3.–PLACE EXPANSION JOINTS EVERY 40 FEET. EXPANSION JOINT MATERIAL TO BE COMPOSED OF 3/4" (MIN.) FIBER BOARD INSTALLED ACROSS SECTION OF CURB. THE CURB FACE AND TOP OF CURB SHALL RECEIVE A DOUBLE TROWEL FINISH.
4.–THE CURB EDGES SHALL BE PLACED TRUE TO LINE AND GRADE. VERTICAL ELEVATIONS SHALL NOT VARY MORE THAN ±0.01' WITH A MAXIMUM VARIANCE OF 0.02' FROM DESIGN GRADE OCCURRING IN ANY GIVEN 100 FOOT SECTION. THE HORIZONTAL CURB EDGES SHALL NOT VARY MORE THAN 1/4 INCH IN ANY GIVEN 100 FOOT SECTION.
5.–CURB AND GUTTER SHALL BE CLASS 3 CONCRETE WHICH SHALL ATTAIN A COMPRESSIVE STRENGTH OF 4,000 PSI AFTER 28 DAYS OF CURING IN ACCORDANCE WITH ASTM C39/C39M–99 AND SHALL CONTAIN 1–1/2 LBS. OF POLYPROPYLENE FIBER PER CUBIC YARD. POLYPROPYLENE FIBER BY FIBERMESH CO., FORTA MONO, OR APPROVED EQUAL.
6.–CURING COMPOUND SHALL BE SPRAYED UNIFORMLY ON EXPOSED SURFACES. HYDRO–CURE CLEAR CC–309–1W, OR APPROVED EQUAL.
7.–ALL METAL FORM STAKES MUST HAVE PROTECTIVE DEVICES SUCH AS "MUSHROOMS" INSTALLED AT ALL TIMES DURING USE, TO ADEQUATELY INSURE PUBLIC SAFETY.
8.–ALL EXPOSED SURFACES TO HAVE A SMOOTH TROWEL FINISH. DRY SACK FINISH WILL NOT BE ALLOWED.
9.–WHEN CURB AND GUTTER IS PLACED BY AN EXTRUSION MACHINE, MINOR FINISHING SHALL BE DONE TO PROVIDE AN ACCEPTABLE FINISH AND THE WEAKENED PLANE JOINT MAY BE SAWCUT.
10.–WIDTH OF STANDARD STREET SECTIONS SHOWN ON PLANS ARE TO CURB LINES UNLESS OTHERWISE INDICATED.
11.– WHEN OCCURS, SAWCUT, REMOVE AND REPLACE 1.0' MIN. OF EXISTING AC PAVEMENT TO INSTALL NEW PCC CURB AND GUTTER. IF THE EXISTING AC SECTION IS SMALLER THAN 3", THEN PROVIDE 3" OF NEW AC PAVEMENT AS A MINIMUM, IF THE SECTION IS GREATER THAN 3", THEN MATCH WITH EXISTING ASPHALT. IF THE EXISTING BASE IS DISTURBED OR IS ABSENT, THEN REMOVE AND REPLACE WITH 9" OF CLASS II BASE COMPACTED TO 90% OF MAX. DENSITY, AND IN THIS CASE, COMPACTION TEST WILL BE REQUIRED BY THE CITY OF IMPERIAL WITH NO EXCEPTIONS.
12.–APPLY ONE COAT OF W.R. MEADOWS SEALTIGHT 1100 RESIN–BASED, WATER EMULSION CONCRETE CURING COMPOUND OVER ALL CONCRETE SURFACE.



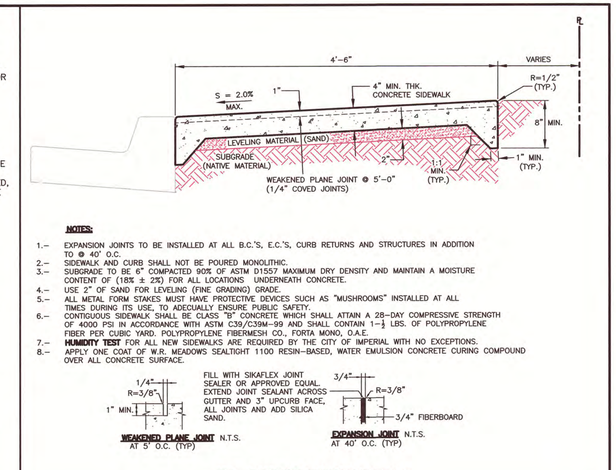
D2 - PCC DRIVEWAY TYPE "A" DETAIL

DRIVEWAY/APPROACH NOTES:

1.– SUBGRADE TO BE 12" COMPACTED TO 90% OF MAXIMUM DENSITY AND MAINTAIN A MOISTURE CONTENT OF (18% ± 2%) FOR ALL LOCATIONS UNDERNEATH CONCRETE.
2.– WEAKENED PLANE JOINTS REQUIRED AS SHOWN ON DRAWING.
3.– WIDTH AND LOCATION AS DIRECTED BY THE CITY ENGINEER OR HIS REPRESENTATIVE.
4.– ENCROACHMENT PERMIT IS REQUIRED BY THE CITY OF IMPERIAL COMMUNITY DEVELOPMENT DEPT. FOR ALL NEW DRIVEWAY APPROACHES.
5.– ALL METAL FORM STAKES MUST HAVE PROTECTIVE DEVICES SUCH AS "MUSHROOMS" INSTALLED AT ALL TIMES DURING USE, TO ADEQUATELY INSURE PUBLIC SAFETY.
6.– **COMPACTION TEST** FOR CLASS II BASE AND **HUMIDITY TEST** FOR SUBGRADE AT ALL NEW DRIVEWAY APPROACHES ARE REQUIRED BY THE CITY OF IMPERIAL WITH NO EXCEPTIONS.
7.–APPLY ONE COAT OF W.R. MEADOWS SEALTIGHT 1100 RESIN–BASED, WATER EMULSION CONCRETE CURING COMPOUND OVER ALL CONCRETE SURFACE.

HANDICAP RAMP NOTES:

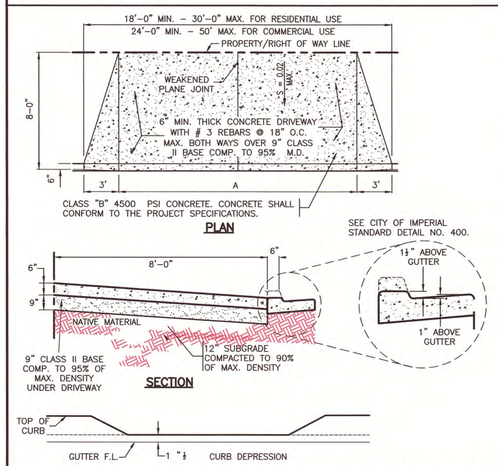
1.– THE RAMP SHALL HAVE A 12" WIDE BORDER WITH 1/4" GROOVES APPROXIMATELY 3/4" IN CENTER. SEE GROOVING DETAIL. THE SURFACE OF RAMP SHALL HAVE A TRANSVERSE BROOMED SURFACE TEXTURE ROUGHER THAN THE SURROUNDING SIDEWALK EXCEPT WHEN LOCATED IN CENTER OF CURB RETURN.
2.– ACCESS RAMP SHALL BE CONSTRUCTED WITH 5" THICK OVER 8" OF CLASS II AGGREGATE BASE.
3.– RAMPS LOCATED OTHER THAN SHOWN, SHALL BE APPROVED BY THE CITY ENGINEER.
4.– EXPANSION JOINTS TO BE INSTALLED AT BOTH RAMP ENDS.
5.– HANDICAP RAMP AND CURB SHALL NOT BE POURED MONOLITHIC.
6.– SUBGRADE TO BE 8" COMPACTED 90% OF ASTM D1557 MAXIMUM DRY DENSITY AND MAINTAIN A MOISTURE CONTENT OF (18% ± 2%) FOR ALL LOCATIONS UNDERNEATH CONCRETE.
7.– USE 2" OF SAND FOR LEVELING (FINE GRADING) GRADE.
8.– ALL METAL FORM STAKES MUST HAVE PROTECTIVE DEVICES SUCH AS "MUSHROOMS" INSTALLED AT ALL TIMES DURING ITS USE, TO ADEQUATELY ENSURE PUBLIC SAFETY.
9.– HANDICAP RAMP SHALL BE CLASS "B" CONCRETE WHICH SHALL ATTAIN A 28–DAY COMPRESSIVE STRENGTH OF 4000 PSI IN ACCORDANCE WITH ASTM C39/C39M–99 AND SHALL CONTAIN 1–1/2 LBS. OF POLYPROPYLENE FIBER PER CUBIC YARD. POLYPROPYLENE FIBERMESH CO., FORTA MONO, O.A.E.
10.– **HUMIDITY TEST** FOR SUBGRADE AT ALL NEW HANDICAP RAMPS ARE REQUIRED BY THE CITY OF IMPERIAL WITH NO EXCEPTIONS.



NOTES:

1.– EXPANSION JOINTS TO BE INSTALLED AT ALL B.C.'S, E.C.'S, CURB RETURNS AND STRUCTURES IN ADDITION TO @ 40' O.C.
2.– SIDEWALK AND CURB SHALL NOT BE POURED MONOLITHIC.
3.– SUBGRADE TO BE 6" COMPACTED 90% OF ASTM D1557 MAXIMUM DRY DENSITY AND MAINTAIN A MOISTURE CONTENT OF (18% ± 2%) FOR ALL LOCATIONS UNDERNEATH CONCRETE.
4.– USE 2" OF SAND FOR LEVELING (FINE GRADING) GRADE.
5.– ALL METAL FORM STAKES MUST HAVE PROTECTIVE DEVICES SUCH AS "MUSHROOMS" INSTALLED AT ALL TIMES DURING ITS USE, TO ADECUALLY ENSURE PUBLIC SAFETY.
6.– CONTIGUOUS SIDEWALK SHALL BE CLASS "B" CONCRETE WHICH SHALL ATTAIN A 28–DAY COMPRESSIVE STRENGTH OF 4000 PSI IN ACCORDANCE WITH ASTM C39/C39M–99 AND SHALL CONTAIN 1–1/2 LBS. OF POLYPROPYLENE FIBER PER CUBIC YARD. POLYPROPYLENE FIBERMESH CO., FORTA MONO, O.A.E.
7.– **HUMIDITY TEST** FOR ALL NEW SIDEWALKS ARE REQUIRED BY THE CITY OF IMPERIAL WITH NO EXCEPTIONS.
8.– APPLY ONE COAT OF W.R. MEADOWS SEALTIGHT 1100 RESIN–BASED, WATER EMULSION CONCRETE CURING COMPOUND OVER ALL CONCRETE SURFACE.

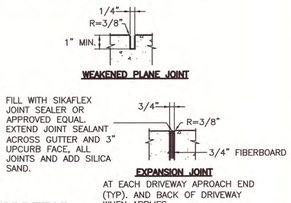
D6 - PCC SIDEWALK DETAIL

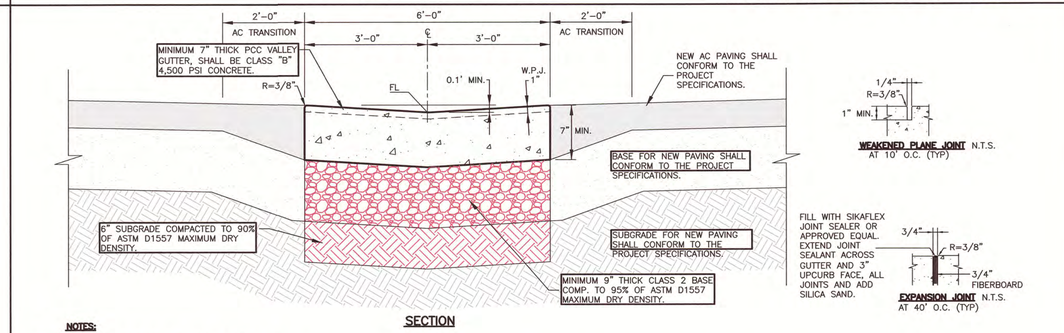


D3 - PCC DRIVEWAY TYPE "B" DETAIL

NOTES:

1.– SUBGRADE TO BE 12" COMPACTED TO 90% OF MAXIMUM DENSITY AND MAINTAIN A MOISTURE CONTENT OF (18% ± 2%) FOR ALL LOCATIONS UNDERNEATH CONCRETE.
2.– WEAKENED PLANE JOINTS REQUIRED ON DRIVEWAY CENTER LINE.
3.– WIDTH AND LOCATION AS DIRECTED BY OWNER AND APPROVED BY THE CITY ENGINEER OR HIS REPRESENTATIVE.
4.– ENCROACHMENT PERMIT IS REQUIRED BY THE CITY OF IMPERIAL PLANNING AND DEVELOPMENT DEPT. FOR ALL NEW DRIVEWAY APPROACHES . FOR FUTURE MAINTENANCE OF DRIVEWAY APPROACH AND SIDEWALK IS THE RESPONSIBILITY OF FRONTING LANDOWNER.
5.– ALL METAL FORM STAKES MUST HAVE PROTECTIVE DEVICES SUCH AS "MUSHROOMS" INSTALLED AT ALL TIMES DURING USE, TO ADEQUATELY INSURE PUBLIC SAFETY.
6.– 6"X6"X10/10 W.W.M. CAN BE INSTALLED INSTEAD OF #3 REBARS ON EXISTING DRIVEWAYS TO BE REPLACED. **FOR RESIDENTIAL USE ONLY**
7.– **COMPACTION TEST** FOR CLASS II BASE AND **HUMIDITY TEST** FOR SUBGRADE AT ALL NEW DRIVEWAY APPROACHES ARE REQUIRED BY THE CITY OF IMPERIAL WITH NO EXCEPTIONS.
8.–APPLY ONE COAT OF W.R. MEADOWS SEALTIGHT 1100 RESIN–BASED, WATER EMULSION CONCRETE CURING COMPOUND OVER ALL CONCRETE SURFACE.

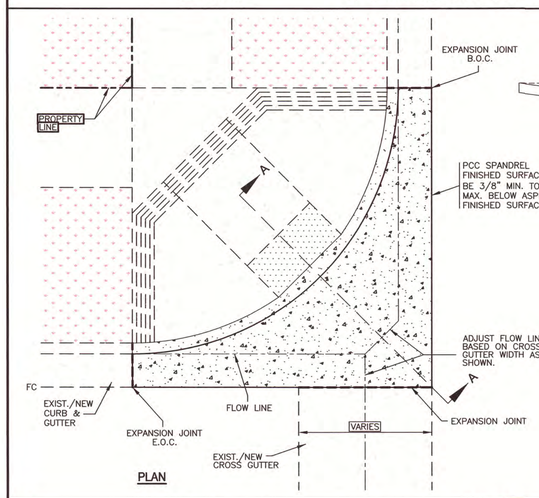


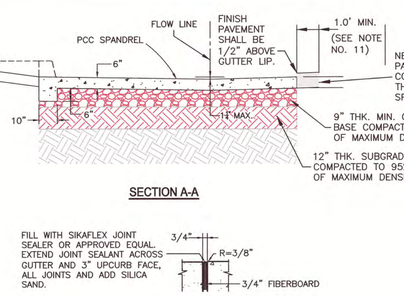


NOTES:

1.– EXPANSION JOINTS TO BE INSTALLED @ 40' O.C.
2.– WEAKENED PLANE JOINTS TO BE PROVIDED @ 10' O.C.
3.– SUBGRADE TO BE 6" THK. COMPACTED 90% OF ASTM D1557 MAX. DRY DENSITY AND MAINTAIN A MOISTURE CONTENT OF (18% ± 2%) FOR ALL LOCATIONS UNDERNEATH CONCRETE.
4.– ALL METAL FORM STAKES MUST HAVE PROTECTIVE DEVICES SUCH AS "MUSHROOMS" INSTALLED AT ALL TIMES DURING ITS USE, TO ADECUATELLY ENSURE PUBLIC SAFETY.
5.– VALLEY GUTTER SHALL BE CLASS "B" CONCRETE WHICH SHALL ATTAIN A 28–DAY COMPRESSIVE STRENGTH OF 4,500 PSI IN ACCORDANCE WITH ASTM C39/C39M–99 AND SHALL CONTAIN 1–½ LBS. OF POLYPROPYLENE FIBER PER CUBIC YARD. POLYPROPYLENE FIBERMESH CO., FORTA MONO, O.A.E.
6.– ALL METAL FORM STAKES MUST HAVE PROTECTIVE DEVICES SUCH AS "MUSHROOMS" INSTALLED AT ALL TIMES DURING ITS USE, TO ADEQUATELY ENSURE PUBLIC SAFETY.
7.– APPLY ONE COAT OF W.R. MEADOWS SEALTIGHT 1100 RESIN–BASED, WATER EMULSION CONCRETE CURING COMPOUND OVER ALL CONCRETE SURFACE.
8.– **COMPACTION TEST** FOR CLASS II BASE AND **HUMIDITY TEST** FOR SUBGRADE ARE REQUIRED BY THE CITY OF IMPERIAL.

D4 - PCC CROSS GUTTER DETAIL

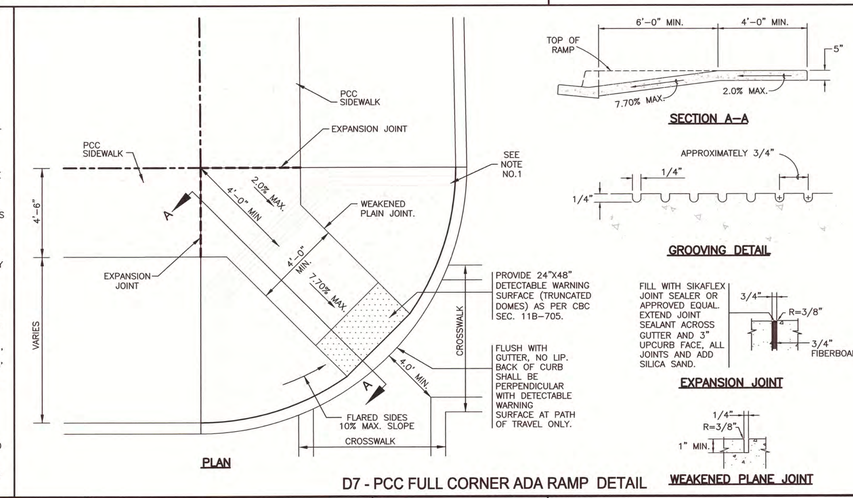




D5 - PCC SPANDREL DETAIL

NOTES:

1.– CURB RETURN SHALL BE FORMED AND POURED TOGETHER WITH PCC SPANDREL (MONOLITHIC).
2.– PCC SPANDREL SHALL BE CONSTRUCTED WITH 6" THICK OVER 9" OF CLASS II AGGREGATE BASE.
3.– PCC SPANDREL SHALL BE ALIGNED WITH EXISTING/NEW CURB AND GUTTER AND IT SHALL START AT B.O.C. AND FINISH AT E.O.C.
PCC SPANDRELS LOCATED/COMFORMED OTHER THAN SHOWN, SHALL BE SUBMITED FOR REVIEW AND APPROVAL BY THE CITY OF IMPERIAL ENGINEERING DIVISION STAFF.
4.– EXPANSION JOINTS TO BE INSTALLED AT BOTH SPANDREL ENDS AS SHOWN.
5.– SUBGRADE TO BE 9" COMPACTED 95% OF ASTM D1557 MAXIMUM DRY DENSITY AND MAINTAIN A MOISTURE CONTENT OF (18% ± 2%) FOR ALL LOCATIONS UNDERNEATH CONCRETE.
6.– ALL METAL FORM STAKES MUST HAVE PROTECTIVE DEVICES SUCH AS "MUSHROOMS" INSTALLED AT ALL TIMES DURING ITS USE, TO ADEQUATELY ENSURE PUBLIC SAFETY.
PCC SPANDREL SHALL BE DOWELLED ONLY TO EXISTING CURB AND GUTTER WITH 2 (TWO) #4 REBARS CENTERED VERTICALLY AND HORIZONTALLY AT GUTTER PORTION ONLY AND KEEP A DISTANCE OF 12" BETWEEN DOWELLS, EMBEDDED 6" MIN. EACH SIDE. EPOXY COAT REQUIRED FOR DOWELLS.
10.– PCC SPANDREL SHALL BE CLASS "B" CONCRETE WHICH SHALL ATTAIN A 28–DAY COMPRESSIVE STRENGTH OF 4500 PSI IN ACCORDANCE WITH ASTM C39/C39M–99 AND SHALL CONTAIN 1–1/2 LBS. OF POLYPROPYLENE FIBER PER CUBIC YARD. POLYPROPYLENE FIBERMESH CO., FORTA MONO, O.A.E.
11.– WHEN OCCURS, SAWCUT, REMOVE AND REPLACE 1.0' MIN. OF EXISTING AC PAVEMENT TO INSTALL NEW PCC SPANDREL. IF THE EXIST. AC SECTION IS SMALLER THAN 3", THEN PROVIDE 3" OF NEW AC PAVEMENT AS A MINIMUM, IF THE SECTION IS GREATER THAN 3", THEN MATCH WITH EXISTING ASPHALT. IF EXISTING BASE IS DISTURBED, THEN REMOVE AND REPLACE WITH 9" OF CLASS II BASE COMPACTED TO 90% OF MAX. DENSITY, AND IN THIS CASE, **COMPACTION TEST** WILL BE REQUIRED BY THE CITY OF IMPERIAL WITH NO EXCEPTIONS.
12.– 7.–APPLY ONE COAT OF W.R. MEADOWS SEALTIGHT 1100 RESIN–BASED, WATER EMULSION CONCRETE CURING COMPOUND OVER ALL CONCRETE SURFACE.



D7 - PCC FULL CORNER ADA RAMP DETAIL

NOTES:

1.– THE RAMP SHALL HAVE A 12" WIDE BORDER WITH 1/4" GROOVES APPROXIMATELY 3/4" IN CENTER. SEE GROOVING DETAIL. THE SURFACE OF RAMP SHALL HAVE A TRANSVERSE BROOMED SURFACE TEXTURE ROUGHER THAN THE SURROUNDING SIDEWALK EXCEPT WHEN LOCATED IN CENTER OF CURB RETURN.
2.– WHEN RAMP IS LOCATED IN CENTER OF CURB RETURN, IT SHALL BE TRANSVERSE BROOMED ALIGNED PARALLEL TO CROSSWALK WITH 1/4" GROOVES APPROXIMATELY 3/4" ON CENTER. SEE GROOVING DETAIL. GROOVES SHALL BE ALIGNED PARALLEL TO CROSSWALK LINES OR PARALLEL TO THE PROLONGATION OF CURBS WHEN THERE ARE NO CROSSWALK LINES.
3.– ACCESS RAMP SHALL BE CONSTRUCTED WITH 5" THICK OVER 8" OF CLASS II AGGREGATE BASE.
4.– RAMPS LOCATED OTHER THAN SHOWN, SHALL BE APPROVED BY THE CITY ENGINEER.
5.– EXPANSION JOINTS TO BE INSTALLED AT BOTH RAMP ENDS.
6.– HANDICAP RAMP AND CURB SHALL NOT BE POURED MONOLITHIC.
7.– SUBGRADE TO BE 8" COMPACTED 90% OF ASTM D1557 MAXIMUM DRY DENSITY AND MAINTAIN A MOISTURE CONTENT OF (18% ± 2%) FOR ALL LOCATIONS UNDERNEATH CONCRETE.
8.– USE 2" OF SAND FOR LEVELING (FINE GRADING) GRADE.
9.– ALL METAL FORM STAKES MUST HAVE PROTECTIVE DEVICES SUCH AS "MUSHROOMS" INSTALLED AT ALL TIMES DURING ITS USE, TO ADEQUATELY ENSURE PUBLIC SAFETY.
10.– HANDICAP RAMP SHALL BE CLASS "B" CONCRETE WHICH SHALL ATTAIN A 28–DAY COMPRESSIVE STRENGTH OF 4000 PSI IN ACCORDANCE WITH ASTM C39/C39M–99 AND SHALL CONTAIN 1–1/2 LBS. OF POLYPROPYLENE FIBER PER CUBIC YARD. POLYPROPYLENE FIBERMESH CO., FORTA MONO, O.A.E.
11.–APPLY ONE COAT OF W.R. MEADOWS SEALTIGHT 1100 RESIN–BASED, WATER EMULSION CONCRETE CURING COMPOUND OVER ALL CONCRETE SURFACE.

NO.	REVISIONS:	APPROVED	DATE

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.

APPROVED FOR CONSTRUCTION BY: CITY OF IMPERIAL DIRECTOR OF PUBLIC WORKS

JACKIE LOPER — DATE 10-15-19

CITY OF IMPERIAL
420 South Imperial Avenue
Imperial, CA 92251
Ph: (760) 355-3840 • Fax: (760)355-4718

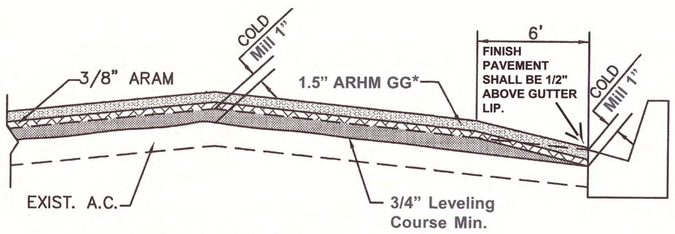
COMMUNITY DEVELOPMENT DEPARTMENT

DETAIL SHEET "A"

ASPHALT RUBBER COMPOSITE LAYER OVERLAY ALONG W 11TH STREET FROM N "D" TO OLD SR-86 BID 2019-10

DATE: 10/11/2019

SHEET 4 OF 5 SHEETS

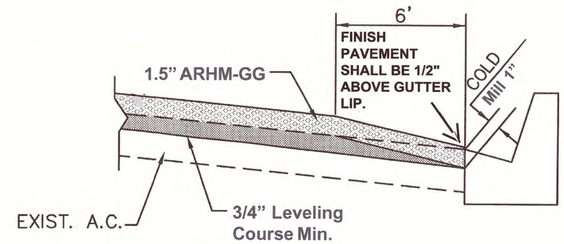


*EXCEPT AS OTHERWISE SPECIFIED

SYSTEM 3

ARHM-GG ON ARAM OVER LEVELING COURSE

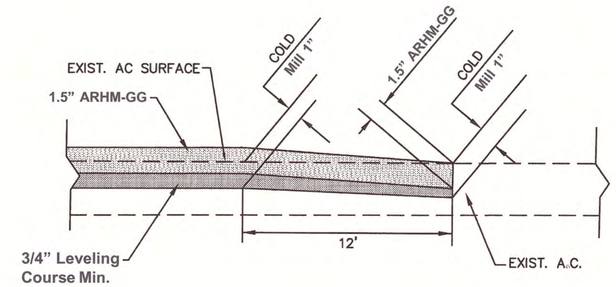
DETAIL 8



INTERSECTION APPROACH SYSTEM 3

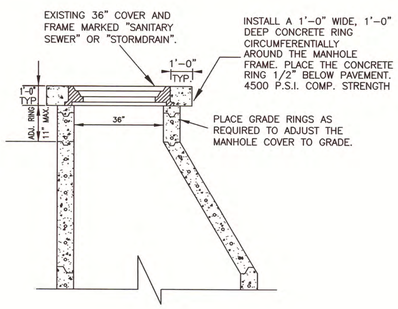
CROSS-SECTION

DETAIL 9

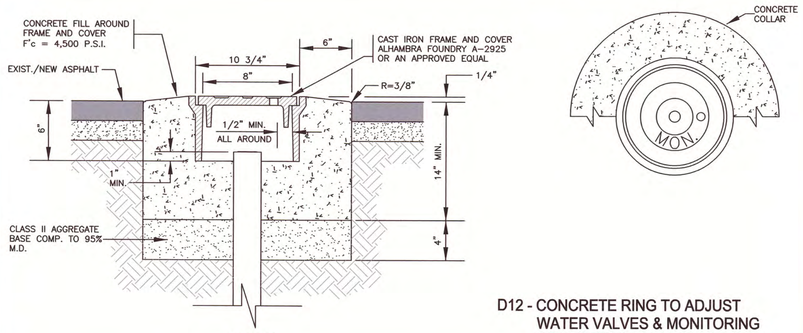


TERMINATION JOIN SYSTEM 3 INTERSECTION

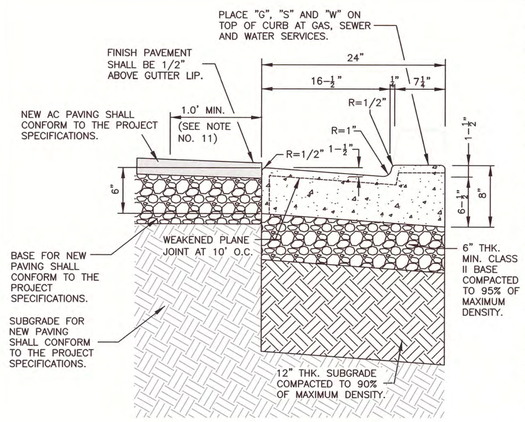
DETAIL 10

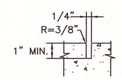


D11 - CONCRETE RING TO ADJUST SANITARY SEWER & STORMDRAIN MANHOLES DETAIL.

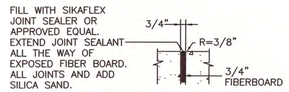


D12 - CONCRETE RING TO ADJUST WATER VALVES & MONITORING WELL DETAIL.





WEAKENED PLANE JOINT
AT 10' O.C. (TYP)
N.T.S.



EXPANSION JOINT
AT 40' O.C. (TYP)
N.T.S.

NOTES:

1.–EXPANSION JOINTS TO BE INSTALLED AT ALL B.C.'S, E.C.'S, CURB RETURNS AND STRUCTURES IN ADDITION TO @ 40' O.C.
2.–PLACE WEAKENED PLANE JOINTS EVERY 10 LINEAR FEET ALONG THE CURB.
3.–PLACE EXPANSION JOINTS EVERY 40 FEET. EXPANSION JOINT MATERIAL TO BE COMPOSED OF 3/4" (MIN.) FIBER BOARD INSTALLED ACROSS SECTION OF CURB. THE CURB FACE AND TOP OF CURB SHALL RECEIVE A DOUBLE TROWEL FINISH.
4.–THE CURB EDGES SHALL BE PLACED TRUE TO LINE AND GRADE. VERTICAL ELEVATIONS SHALL NOT VARY MORE THAN ±0.01' WITH A MAXIMUM VARIANCE OF 0.02' FROM DESIGN GRADE OCCURRING IN ANY GIVEN 100 FOOT SECTION. THE HORIZONTAL CURB EDGES SHALL NOT VARY MORE THAN 1/4 INCH IN ANY GIVEN 100 FOOT SECTION.
5.–CURB AND GUTTER SHALL BE CLASS 3 CONCRETE WHICH SHALL ATTAIN A COMPRESSIVE STRENGTH OF 4,500 PSI AFTER 28 DAYS OF CURING IN ACCORDANCE WITH ASTM C39/C39M–99 AND SHALL CONTAIN 1–1/2 LBS. OF POLYPROPYLENE FIBER PER CUBIC YARD. POLYPROPYLENE FIBER BY FIBERMESH CO., FORTA MONO, OR APPROVED EQUAL.
6.–CURING COMPOUND SHALL BE SPRAYED UNIFORMLY ON EXPOSED SURFACES. HYDRO–CURE CLEAR CC–309–1W, OR APPROVED EQUAL.
7.–ALL METAL FORM STAKES MUST HAVE PROTECTIVE DEVICES SUCH AS "MUSHROOMS" INSTALLED AT ALL TIMES DURING USE, TO ADECUALY INSURE PUBLIC SAFETY.
8.–ALL EXPOSED SURFACES TO HAVE A SMOOTH TROWEL FINISH. DRY SACK FINISH WILL NOT BE ALLOWED.
9.–WHEN CURB AND GUTTER IS PLACED BY AN EXTRUSION MACHINE, MINOR FINISHING SHALL BE DONE TO PROVIDE AN ACCEPTABLE FINISH AND THE WEAKENED PLANE JOINT MAY BE SAWCUT.
10.–WIDTH OF STANDARD STREET SECTIONS SHOWN ON PLANS ARE TO CURB LINES UNLESS OTHERWISE INDICATED.
11.– WHEN OCCURS; SAWCUT, REMOVE AND REPLACE 1.0' MIN. OF EXISTING AC PAVEMENT TO INSTALL NEW PCC CURB AND GUTTER. IF THE EXISTING AC SECTION IS SMALLER THAN 3", THEN PROVIDE 3" OF NEW AC PAVEMENT AS A MINIMUM, IF THE SECTION IS GREATER THAN 3", THEN MATCH WITH EXISTING ASPHALT. IF THE EXISTING BASE IS DISTURBED OR IS ABSENT, THEN REMOVE AND REPLACE WITH 9" OF CLASS II BASE COMPACTED TO 90% OF MAX. DENSITY, AND IN THIS CASE, COMPACTION TEST WILL BE REQUIRED BY THE CITY OF IMPERIAL WITH NO EXCEPTIONS.
12.–APPLY ONE COAT OF W.R. MEADOWS SEALTIGHT 1100 RESIN–BASED, WATER EMULSION CONCRETE CURING COMPOUND OVER ALL CONCRETE SURFACE.

D13 - PCC DEPRESSED CURB DETAIL

NO.	REVISIONS:	APPROVED	DATE

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APPROVED FOR CONSTRUCTION BY: CITY OF IMPERIAL
DIRECTOR OF PUBLIC WORKS

JACKIE LOPER — DATE 10-15-19

CITY OF IMPERIAL
420 South Imperial Avenue
Imperial, CA 92251
Ph: (760) 355-3840 • Fax: (760)355-4718

COMMUNITY DEVELOPMENT DEPARTMENT

DETAIL SHEET "B"

ASPHALT RUBBER COMPOSITE LAYER OVERLAY ALONG W 11TH STREET FROM N "D" TO OLD SR-86
BID 2019-10

DATE: 10/11/2019

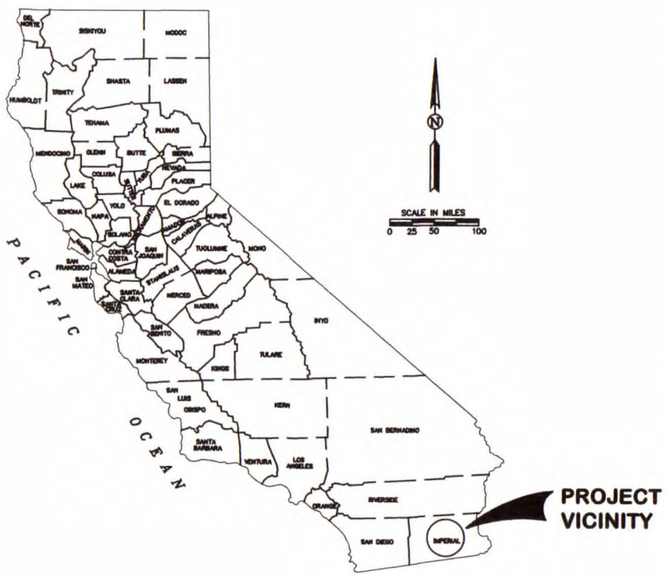
SHEET 5 OF 5 SHEETS

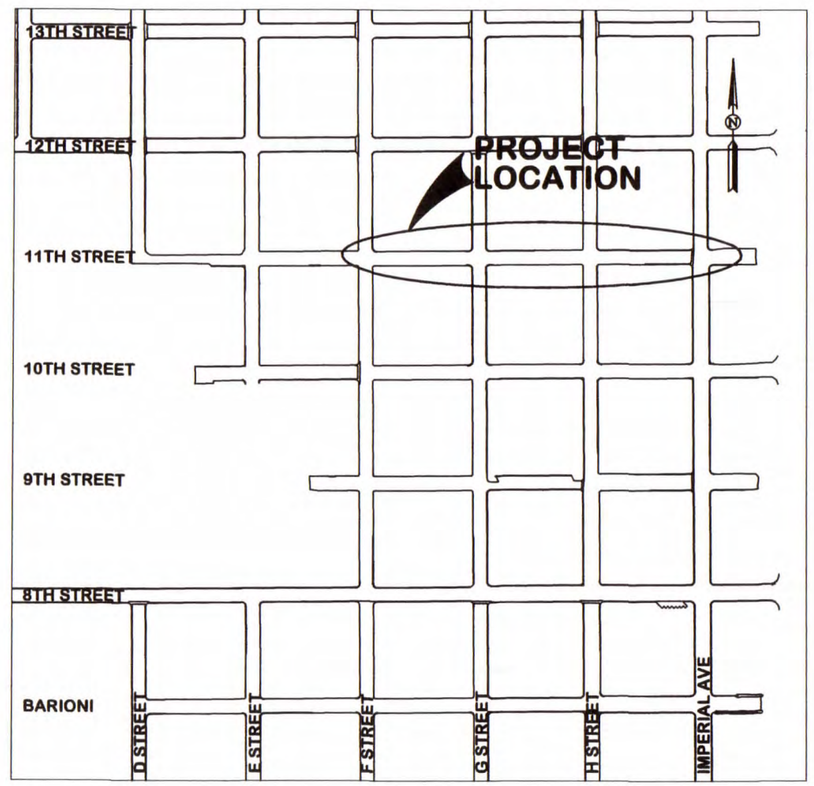
Appendix C

CONSTRUCTION PROJECT PLANS
"IMPROVEMENT PLANS FOR STORM DRAIN ALONG 11TH STREET FROM F STREET TO OLD SR-86"
prepared by Alfred Civil Engineering

CITY OF IMPERIAL

IMPROVEMENT PLANS FOR STORM DRAIN ALONG 11TH STREET FROM F STREET TO OLD SR-86





LOCATION MAP

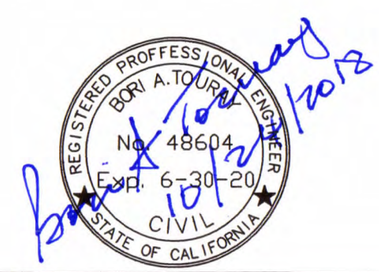
NO SCALE

LIST OF DRAWINGS

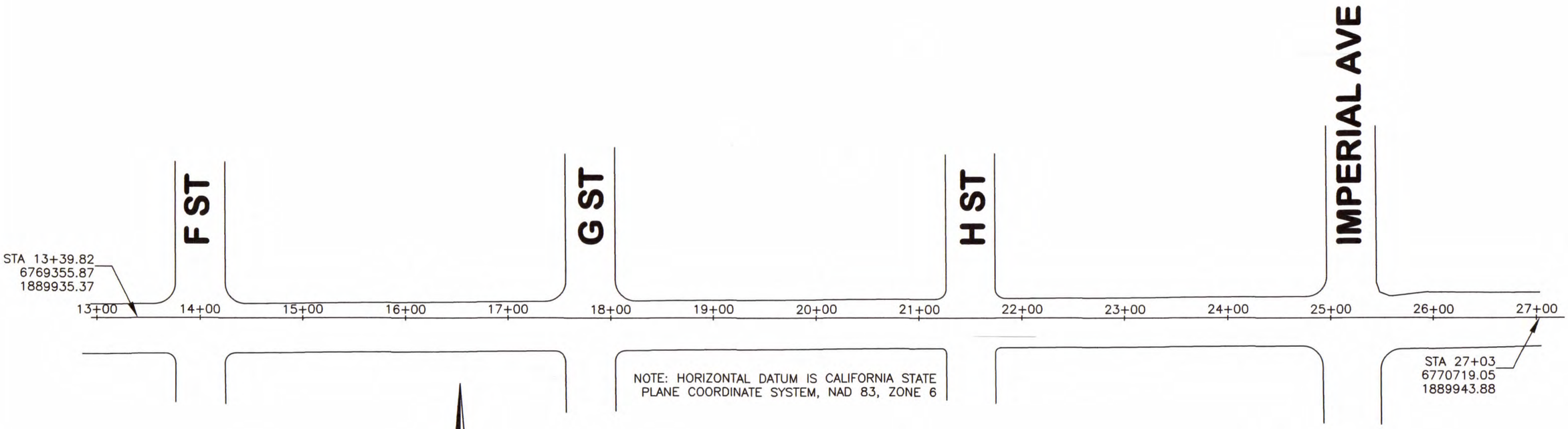
1. COVER SHEET
2. HORIZONTAL CONTROL
3. PLAN AND PROFILE (SHEET 1 OF 2)
4. PLAN AND PROFILE (SHEET 2 OF 2)

GENERAL NOTES

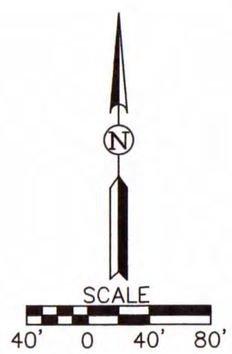
1. CONTACT THE FIELD ENGINEER 48 HOURS PRIOR TO ANY OF THIS WORK.
2. ALL WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF STANDARD SPECIFICATIONS.
3. THE CONTRACTOR SHALL NOTIFY DIGALERT AT 811 A MINIMUM OF 48 HOURS PRIOR TO START OF CONSTRUCTION.
4. ALL PAVING REMOVAL SHALL BE SAWCUT AT THE FIELD ENGINEER'S DIRECTION.
5. THE PROTECTION AND ADJUSTMENT OF ALL UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND/OR RELOCATE ALL TRAFFIC SIGNS AS REQUIRED BY THE FIELD ENGINEER.
7. REPORTS OF COMPACTION SHALL BE SUBMITTED TO AND ACCEPTED BY THE FIELD ENGINEER PRIOR TO PLACING ANY PAVING.
8. IN THE EVENT THAT EXISTING STRIPING IS OBLITERATED BY CONSTRUCTION, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPLACE SAID STRIPING.
9. BEFORE FORMS HAVE BEEN SET AND 24 HOURS PRIOR TO THE PLACEMENT OF ANY CONCRETE, THE CONTRACTOR SHALL ADJUST ALL NECESSARY UTILITIES TO GRADE AND OBTAIN APPROVAL FROM THE FIELD ENGINEER.
10. SEAL COAT OR SLURRY SEAL IS REQUIRED IF THE FIELD ENGINEER DEEMS THE FINISHED SURFACE IS TOO ROUGH AND OPEN TEXTURED.
11. PRIOR TO DELIVERY OF STORM DRAIN PIPES, CONTACT FIELD ENGINEER FOR D-LOAD TEST APPROVAL.
12. ELEVATIONS ARE BASED ON THE FIELD SURVEY DATA PROVIDED BY THE CITY OF IMPERIAL.
13. ADJUST ALL MANHOLES TO GRADE AFTER PLACING FINAL LIFT OF ASPHALT.
14. CERTIFICATION BY A LICENSED SURVEYOR OR REGISTERED CIVIL ENGINEER SHALL BE SUBMITTED PRIOR TO FINAL ACCEPTANCE CERTIFYING THAT THE STORM DRAIN SYSTEM WAS INSTALLED ON GRADE PER APPROVED PLAN.

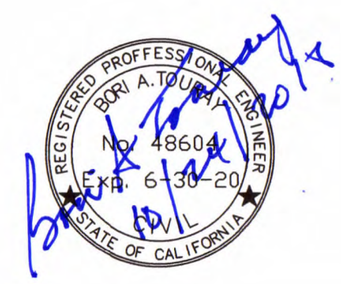


CITY OF IMPERIAL **PLANNING AND DEVELOPMENT DEPARTMENT** **420 SOUTH IMPERIAL AVE, IMPERIAL CA 92251**	DESIGNED BY: BAT DRAWN BY: AE CHWCKED BY: BAT	**Alfred Civil Engineering** 7604 SOQUEL WAY CITRUS HEIGHT, CA 95610 TEL: (916)241-5309 BORI TOURAY, P.E. ENGINEER OF RECORD	**IMPROVEMENT PLANS FOR STORM DRAIN ALONG 11TH STREET FROM F STREET TO OLD SR-86** **COVER SHEET**	DATE: OCT 22, 18 SHEET 1 OF 4



NOTE: HORIZONTAL DATUM IS CALIFORNIA STATE PLANE COORDINATE SYSTEM, NAD 83, ZONE 6





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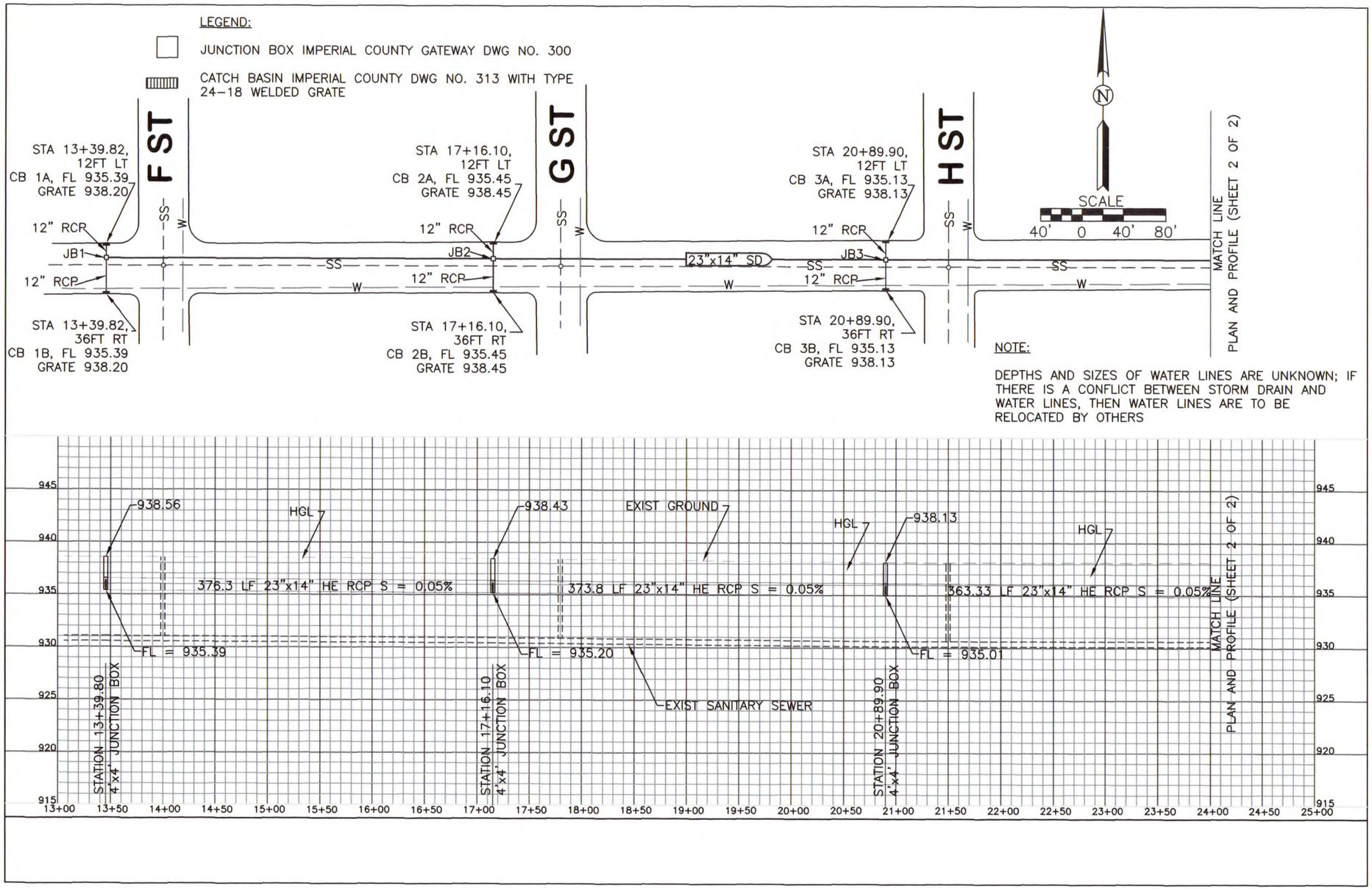

REGISTERED PROFESSIONAL ENGINEER
BORI A. TOURAY
No. 48604
Exp. 6-30-20
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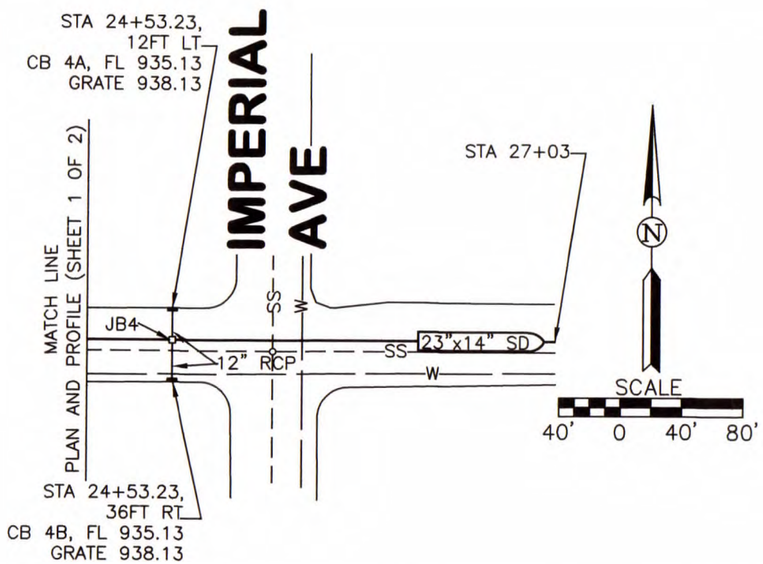
STATE OF CALIFORNIA

CITY OF IMPERIAL PLANNING AND DEVELOPMENT DEPARTMENT 420 SOUTH IMPERIAL AVE, IMPERIAL CA 92251	DESIGNED BY: BAT DRAWN BY: AE CHWCKED BY: BAT	Alfred Civil Engineering 7604 SOQUEL WAY CITRUS HEIGHT, CA 95610 TEL: (916)241-5309 BORI TOURAY, P.E. ENGINEER OF RECORD	IMPROVEMENT PLANS FOR STORM DRAIN ALONG 11TH STREET FROM F STREET TO OLD SR-86 PLAN AND PROFILE (SHEET 1 OF 2)	DATE: OCT 22, 18 SHEET 3 OF 4



JUNCTION BOX DATA			
JUNCTION BOX	X	Y	Z
JB1	4	4	3.17
JB2	4	4	3.25
JB3	4	4	3.12
JB4	4	4	3.30

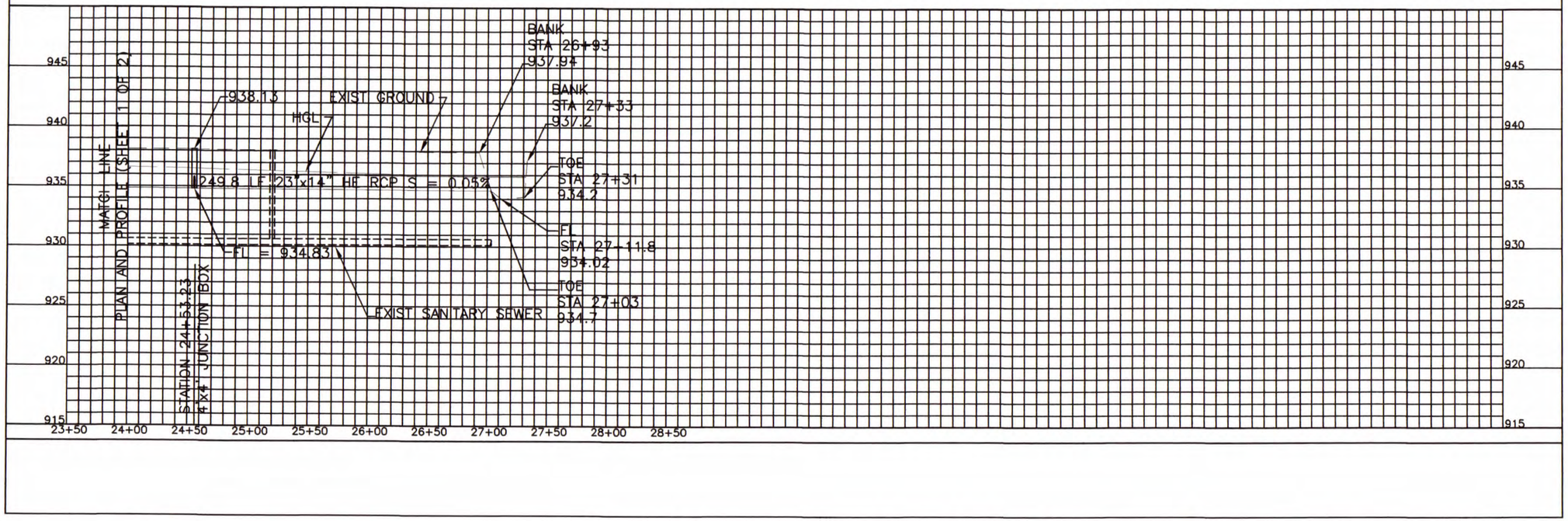
LEGEND:

JUNCTION BOX IMPERIAL COUNTY GATEWAY DWG NO. 300

CATCH BASIN IMPERIAL COUNTY DWG NO. 313 WITH TYPE 24-18 WELDED GRATE

NOTE:

DEPTHS AND SIZES OF WATER LINES ARE UNKNOWN; IF THERE IS A CONFLICT BETWEEN STORM DRAIN AND WATER LINES, THEN WATER LINES ARE TO BE RELOCATED BY OTHERS



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Bori A. Touray 10/22/2018

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Special Provisions

for

Storm Drain System along 11th Street

Between F Street & Old SR-86

REGISTERED PROFESSIONAL ENGINEER
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Exp. 6-30-20
CIVIL
STATE OF CALIFORNIA

10/24/2018

Section 1

EXISTING FACILITIES

1-1 PROTECTION

Existing facilities within the rights-of-way and construction areas that do not interfere with the work shall be protected from damage. Existing improvements, utilities, and adjacent property shall be protected from damage resulting from Contractor's operations. All trees, lawn, shrubbery, fences, walls, irrigation systems, and other improvements including, but not limited to, existing pavements, sidewalks, street improvements and underground utilities and other improvements not to be removed shall be protected from damage by Contractor throughout the construction period.

Contractor shall be responsible for repairing damage to existing improvements or replacing in kind at the Engineer's option.

All signs and street marking damage due to Contractor's operation shall be replaced in kind by Contractor. In the case of partial damage to lane stripes and traffic lettering the whole stripe or letter shall be replaced. Temporary markings and striping shall be installed within three (3) working days of damage. All painted or other disfiguring marks on the pavement, sidewalk or gutters shall be removed by Contractor before the work has been accepted.

1-2 MAINTAINING WATER, SEWER, AND DRAINAGE FLOWS

Contractor shall be responsible for maintaining all existing water, sewer, and drainage facilities within the limits of the project until new improvements are complete and functioning.

Should Contractor desire City forces to cut and repair existing water, sewer, or drain services, Contractor shall contact the Engineer at least three (3) working days in advance to schedule and coordinate the work. No compensation will be paid to Contractor for the repair by City crews of any water service laterals or sewer services accidentally or purposely cut by Contractor and all such work performed by City crews at the request of Contractor shall be at Contractor's expense. Any work performed or materials provided by City crews to repair and maintain existing drainage systems shall be at Contractor's expense or shall be deducted from amounts owed to Contractor. Unless otherwise noted, the

location, alignment, and depth of existing underground utilities as shown on the Plans is taken from public records and no responsibility is assumed for the accuracy thereof. For the most part, underground utility services are shown on the Plans.

Contractor shall restore surfaces in kind (using the same material as existing) unless otherwise noted on the Plans or Special Provisions.

1-3 PAYMENT

There will be no separate payment for existing utilities work as described in this section but full compensation will be considered as included in the bid for items of work Contractor deems appropriate.

Section 2

STORM DRAIN MANHOLES (INCLUDES JUNCTION BOXES)

2-1 CONSTRUCTION OF MANHOLES

Storm drain manholes shall be watertight structures constructed by placing precast concrete sections on a poured or precast concrete base.

1. Precast Concrete Sections

Manhole barrels, pre-cast bases, cones, flat top lids, and grade rings shall conform to the requirements of ASTM C 478.

2. Concrete Bases, General

Concrete manhole bases may be either cast in place or pre-cast of a type and manufacture as approved by the Engineer. Unless otherwise approved by the Engineer, a minimum of twelve-inches (12") of clean crushed rock shall be placed and compacted below the base to provide a firm foundation.

3. Joining Precast Manhole Sections

City Engineer approved preformed plastic sealing compound shall be used for joining all precast manhole sections. Prior to application of preformed plastic sealing compound, all joint surfaces shall be thoroughly cleaned. The sealing compound shall be protected from dirt during placing. Ends of the compound shall be joined end-to-end and not joined by overlapping. Sufficient compound shall be used to cause a visual "squeeze-out" of compound material when adjacent sections are seated. Squeeze-out on the inside of the manhole shall be neatly trimmed flush with the inside surface.

All surface irregularities in the interior manhole surface shall be grouted smooth. In areas of high groundwater, the external joint of each barrel section and of the barrel/cone connection shall be sealed with an external rubber sealing sleeve as manufactured by Infi-Shield Inc. or equal. The seal shall be made of neoprene and EPDM rubber and have a minimum thickness of 60 mils. Material shall conform to specifications of ASTM C 923, ASTM C 443, and ASTM F 477.

Rubber seal shall be attached to manhole using a non-hardening butyl rubber mastic applied to the top and bottom of sleeve in accordance with

manufacturer's instructions. Seal shall overlap joint a minimum of 2-inches and shall be continuous around the perimeter of the barrel section and overlapped a minimum of 5-inches. "High groundwater" will be considered a location where the groundwater reaches the level of the manhole barrel during a typical rainy season.

2-2 PAYMENT

On unit price Proposals, payment for manholes shall be at the unit price bid per manhole. This price shall include full compensation for all necessary excavation, form work, pre-cast and cast-in-place concrete, furnishing all other material and doing all work necessary to construct the manholes complete in place to the dimensions shown on the Plans or in these Specifications.

Section 3

DRAIN INLETS, GUTTER DRAINS AND DITCH BOXES

3-1 DRAIN INLETS

Drain inlets shall conform to Plans and these Specifications. Drain inlets shall be pre-cast. Hand forming of concrete will not be allowed.

3-2 DRAIN INLET GRATE AND HOOD

The grate shall conform to Plans and these Specifications. Joints and connections between grate frame, hood and vertical walls of drain inlet shall be smooth and continuous, with a slight broom finish or equivalent. If steel, surfaces shall be covered with an asphaltic paint.

3-3 WATER QUALITY MARKING

Drain inlet installation shall include a permanent storm water quality marking conforming to City standards.

3-4 PAYMENT

Payment for drain inlets will be at the price bid per each and will be considered full compensation for removal and disposal of existing drain inlets; excavation, material and labor necessary to construct this inlets and all other work necessary to construct the drain inlets complete in place as shown on the Plans.

Section 4

LAYING STORM DRAIN PIPE

4-1 EXCAVATION

Trench excavation for drain pipe shall conform to the following requirements:

Minimum trench width for single 23"X14" Horizontal Elliptical RCP along Imperial Avenue shall be the outside pipe horizontal axis plus 12 inches.

Maximum trench width for single 23"X14" Horizontal Elliptical RCP along Imperial Avenue shall be the outside pipe horizontal axis plus 16 inches.

Minimum trench width for dual 23"X14" Horizontal Elliptical RCP along Seventh Street shall be the two times the outside pipe horizontal axis plus 1 foot distance between the pipes plus 12 inches.

Maximum trench width for single 23"X14" Horizontal Elliptical RCP along Seventh Street shall be the two times the outside pipe horizontal axis plus 1 foot distance between the pipes plus 24 inches.

At a minimum, the depth of excavation shall be three inches (3") below the outside vertical axis of the barrel or one inch (1") below the outside vertical axis of the bell, whichever is deeper.

4-2 DEWATERING

Contractor shall be responsible for the control, removal, and disposal of any groundwater that may be encountered in the course of excavating and backfilling trenches or placing pipe. Whenever water or over-saturated soil conditions exist which may interfere with proper installation, trenches shall be dewatered to a level twelve inches (12") below the trench bottom before placement of any pipe or material. Contractor shall properly dispose of any water from dewatering operations.

4-3 PIPE MATERIALS/TYPES

Drain pipe shall conform to ASTM C 507 for horizontal elliptical pipe Class V. The type, class and size of pipe are shown on the Plans and/or in the list of quantities contained within the Proposal.

4-4 LAYING PIPE

Laying drain pipe shall conform to the Plans, Special Provisions, manufacturer's recommendations, and as directed by the Engineer.

1. Manhole connections

All connections to the manholes not cast as part of the manhole base shall be made by use of a coring machine. The annular space between the outside of the pipe and the manhole shall be sealed by using a flexible annular space filler such as "Kor n' Seal Cavity O-Ring" by NPC Inc. or approved equal.

2. Bedding

Bedding shall be a minimum of 3-inch thick clean crushed rock and shall be placed in accordance with these Specifications and the pipe manufacturer's recommendations. The bedding material shall provide uniform support of the full length of the pipe to a width of at least fifty percent (50%) of the pipe internal diameter. Initial backfill shall be brought to uniformity on each side of the pipe to prevent distortion or displacement. Consolidation under pipe haunches shall be accomplished by shovel slicing or rodding to assure all voids are filled. Remaining initial backfill shall be placed in lifts and then consolidated with vibratory equipment to insure proper compaction. Ponding and jetting methods of achieving compaction will not be allowed.

3. Special foundation treatment

Whenever the bottom of the trench is soft or rocky, or, in the opinion of the Engineer, otherwise unsuitable as a foundation for pipe bedding, the unsuitable material shall be removed to a minimum depth of six inches (6") and replaced with Type D clean crushed rock.

As an alternate to, or in addition to, the bedding materials specified above, the Engineer may direct Contractor to furnish and place geotextile fabric below the bedding materials. The geotextile material shall be a high modulus woven fabric, and shall be inert to commonly encountered chemicals, rot-proof, and resistant to ultraviolet light, insects and rodents. The geotextile fabric shall have a minimum grab tensile strength of two hundred pounds (200 lbs.) in any direction as measured in accordance with ASTM D 4632, a Mullen burst strength of at least four hundred pounds per square inch (400 psi) per square inch per ASTM D 3786, and an Equivalent Opening Size no larger than the U.S. Standard Sieve Number 50 as determined by ASTM D 4751. Geotextile fabric shall be Mirafi 600X or equal. Each roll of fabric shall be handled and placed in accordance with the manufacturer's recommendations. Furnishing and placing of geotextile fabric will be paid for as extra work.

If material more than twelve inches (12") below the typical trench bottom is ordered removed by the Engineer, the excavation below that point and the imported material required to backfill the trench to that elevation will be paid as extra work unless otherwise specified in the Special Provisions.

4. Trench backfill

a. Initial backfill

Initial Backfill shall be provided by Contractor and shall be placed in accordance with these Specifications and the pipe manufacturer's

recommendations. Initial backfill shall be the material between the top of the bedding material and six inches (6") above the top of the bell or barrel if the pipe does not have a bell. Unless otherwise indicated in the Special Provisions, initial backfill shall be granular material consisting of imported clean crushed rock.

Initial backfill shall be placed immediately after pipe joints have been completed, inspected and passed by the Engineer. The material shall be carefully placed so as not to disturb or damage the pipe, and shall be brought up evenly on both sides. Initial backfill material shall be placed in layers not exceeding eight inches (8") in depth before compaction at or near optimum moisture content. Contractor shall place initial backfill by shovel slicing, tamping, and/or vibratory compaction in order to produce firmly compacted material under the haunches of the pipe. Compaction shall be by mechanical pneumatic or vibratory compaction equipment approved by the Engineer. Care shall be used to avoid dislodging the pipe. No wedging or blocking of the pipe will be permitted. Ponding and jetting methods of achieving compaction shall not be allowed.

Sand shall not be used as initial backfill material.

b. Trench backfill

Unless otherwise approved by Engineer, trench backfill shall be provided, and placed to grade by Contractor, in accordance with these Specifications and the pipe manufacturer's recommendations. Trench backfill shall be the material between the initial backfill and the top of trench or subgrade. The material for trench backfill may be of job excavated, native material provided that such material is free of organic materials or other unsuitable materials as determined by the Engineer that may cause voids or depressions to develop during or after placement of the backfill. Rocks, stones and solid earth chunks exceeding three inches (3") in greatest dimension shall be removed from the trench backfill material.

Trench backfill material shall be placed in layers not exceeding eight inches (8") in depth before compaction at or near optimum moisture content. Until the total backfill above the top of the pipe exceeds three feet (3'), machine-placed backfill material shall not be allowed to "freefall" more than two feet (2').

Unless otherwise shown on the Plans or specified in the Special Provisions, compaction of all backfill material shall be by mechanical pneumatic or vibratory compaction equipment. Minimum relative compaction of the trench backfill material shall be ninety percent (90%) when tested according to ASTM D 1557, except that the top six inches (6") below the subgrade shall be compacted to a relative compaction of ninety-five percent (95%). Compaction testing will be performed by the Engineer and the cost thereof will be borne by the City, except that retests of areas which fail to meet the required compaction shall be charged to Contractor and deducted from any payment due Contractor for work performed under the terms of the Proposal.

Ponding and jetting methods of achieving compaction shall not be allowed.

Upon written request by Contractor, and upon approval of the Engineer, the trench may completely backfilled to the bottom of the AC pavement with slurry cement.

c. Unsuitable material/import

If the portion of existing, native material removed in the excavation of trenches to be used for backfill is determined by the Engineer to be unsuitable for backfill not due to any action or negligence of Contractor nor because native material is inadequately protected from inclement weather, Contractor shall remove unsuitable material and import and place suitable backfill material.

The cost for this item shall be paid separately and it includes all associated costs including hauling away unsuitable material, disposal, and transportation and material cost for import material, except that the cost of placing and compacting import material is not included in this item but is included in the item for placing pipe. The quantity of "Unsuitable Material/Import" and the cost thereof shall not include that native material which is removed from the trench in the area wherein the pipe bedding, initial backfill, aggregate base course, asphalt concrete or the pipe itself is placed. Such material, whether unsuitable or not, and its replacement material of whatever kind shall be included in the cost of the pipe.

The cost for replacing unsuitable material rendered unsuitable due to any act or omission of Contractor or due to inclement weather shall be borne by Contractor and there will be no compensation therefore.

Trench import material shall be placed in accordance with "Trench Backfill" herein.

d. Unstable trench

Contractor may assume that trench side walls may be maintained, without shoring, at a slope of three-quarter vertical to one horizontal (3/4:1). When trench side slopes are not able to be maintained at this slope due to unstable materials or excessively high ground water or both, as determined by the Engineer, and not based on improper or insufficient dewatering nor because of inadequate shoring and not due to any action or negligence of Contractor, the trench shall be considered an unstable trench. When such unstable trenches are encountered, as defined herein, additional effort and materials will be paid for as extra work unless otherwise directed in the Special Provisions.

4-6 PAYMENT

Payment for drain pipe will be at a price bid per lineal foot which will include full compensation for pavement cutting and removal, excavation, trenching, dewatering, removal and disposal of existing pipe, bedding, furnishing and laying of pipe, initial backfill, trench backfill, manhole connections, temporary paving, final paving and all other work necessary to construct the drain pipe complete in place as shown on the Plans.

Measurement of such lineal footage shall be the total distance along the centerline of the pipe from the centerline of manhole to centerline of manhole and shall include the straight run of all tees where used.

Payment for clean crushed rock or bedding material provided for use shall be considered as included in the price paid for laying pipe, unless otherwise indicated in the Special Provisions.

The cost of removing and replacing pavement over trenches shall be included in the price bid for the pipe in place, unless otherwise set forth in the Special Provisions.

Manholes and drain inlets are paid for as a separate item.