

DEPARTMENT OF TRANSPORTATION

ESC/OE MS #43
1727 30TH Street, 2ND Floor
Sacramento, CA 95816



October 13, 2000

08-SBd-10-15.4/16.9
08-340804
HP21STPL-5307(005)N

Addendum No. 3

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in SAN BERNARDINO COUNTY IN AND NEAR FONTANA FROM 0.2 MILE EAST OF CITRUS AVENUE OVERCROSSING TO 0.7 MILE EAST OF SIERRA AVENUE OVERCROSSING.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on October 26, 2000. The original bid opening date was previously postponed under Addendum No.2 dated September 25, 2000.

This addendum is being issued to revise the Project Plans, the Notice to Contractors and Special Provisions, the Proposal and Contract and the Federal Minimum Wages with Modification Number 10 dated 9-29-00. A copy of the modified wage rates are available for the contractor's use on the Internet Site:

http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addendum_page.html

Project Plan Sheet 63, "CONSTRUCTION DETAILS PORTLAND CEMENT CONCRETE PAVEMENT (UNDOWELED TRANSVERSE JOINTS)," is deleted.

Project Plan Sheet 173, "CONSTRUCTION DETAILS OVERHEAD SIGNS - LIGHT WEIGHT MOUNTING DETAILS," is revised to "CONSTRUCTION DETAILS OVERHEAD SIGNS - LIGHT WEIGHT LIGHT FIXTURE MOUNTING DETAILS."

Project Plan Sheet 248, "DRAINAGE DETAILS," referral to " (see Std Plan D89 for details not shown) " is revised to "see Construction Details C-72."

Project Plan Sheet 249, "DRAINAGE DETAILS," referral to " (see Std Plan D87) " is deleted.

Project Plan Sheet 250, "DRAINAGE DETAILS," referral to "see Std Plan D-94" and "see Std Plan D-94A" are revised to "see construction Details C-73."

Project Plan Sheet 251, "DRAINAGE DETAILS," referral to "see Std Plan D99" and "see Std Plan D99A type 6" are revised to "see Construction details C-82."

Project Plan Sheet 253, "DRAINAGE DETAILS," referral to "see Std Plan D-77" is revised to "see Construction Details C-64 and C-65."

Project Plan Sheet 254, "DRAINAGE DETAILS," referrals to "SEE CALTRANS STD PLAN D73" and "see Std Plan B7-11" are revised to "see Construction Details C-61" and "see Construction Details C-176" respectively. Note 12, referral to "step detail per Standard Plan D72 and D75" is revised to "step detail per Construction details C-177 and C-178."

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Project Plan Sheet 255, "DRAINAGE DETAILS," referral to "see Std Plan B7-11" is revised to "see Construction Details C-176". Note 13A, referral to "STEP details per Standard Plan D72 and D75" is revised to "step detail per Construction details C-177 and C-178."

Project Plan Sheet 257, "DRAINAGE DETAILS," referral to "per caltrans Std D77B" is revised to " see Construction Details C-65."

Project Plan Sheet 329, "SUMMARY OF QUANTITIES," the "ROADWAY QUANTITIES SUMMARY" table is revised as follows:

341 CY "REMOVE BASE AND SURFACING" for Sierra Avenue is added.

The quantities "REMOVE BASE AND SURFACING" for WB Entrance Ramp, WB Exit Ramp, EB Exit Ramp, EB entrance Ramp and "TOTAL" are revised to 92 CY, 259 CY, 88 CY, 183 CY and 963 CY respectively.

Project Plan Sheet 329, "SUMMARY OF QUANTITIES," the "REMOVE CONCRETE" table is revised as follows:

The quantity "REMOVE CURB" is revised to 56 CY.
The quantity "REMOVE CURB AND GUTTER" is revised to 49 CY.
The quantity "REMOVE SIDEWALK" is revised to 12.9 CY.
The quantity "TOTAL" is revised to 125.1 CY.

Project Plan Sheet 338, "OVERHEAD SIGN LOCATION AND FORMAT," referral to " S40R/DETAIL B MOUNTING" is revised to "see Construction Details C-146, DETAIL B."

Project Plan Sheet 340, "SIGN STRUCTURE DETAIL," referral to "FOR MOUNTING BRACKET ASSEMBLY DETAILS CALTRANS STANDARD PLAN S40R" is revised to " FOR MOUNTING BRACKET ASSEMBLY DETAILS CONSTRUCTION DETAILS C-146."

Project Plan Sheet 341, "SIGN STRUCTURES FRAME AND FOUNDATIONS DETAIL," referral to "FOR DETAILS NOT SHOWN SEE S18B" is revised to " FOR DETAILS NOT SHOWN SEE CONSTRUCTION DETAILS C-140."

In the Special Provisions, Section 10-1.02, "ORDER OF WORK," is revised as attached.

In the Special Provisions, Section 10-1.25G, "REMOVE ASPHALT CONCRETE DIKE," is revised as attached.

In the Special Provisions, Section 10-1.38, "CONCRETE PAVEMENT," is revised as attached.

In the Special Provisions, Section 10-1.52, "SIGN STRUCTURES," is revised as attached.

In the Special Provisions, Section 10-1.74, "RETAINING WALL TYPE 6B," is added as attached.

In the Special Provisions, Section 10-3.26, "INNERDUCT," is revised as attached.

In the Special Provisions, Section 13, "RAILROAD RELATIONS AND INSURANCE REQUIREMENTS," is added as attached.

In the Proposal and Contract, the Engineer's Estimate Items 32 and 42 are revised, Items 182, 183, 184 and 185 are added and Item 181 is deleted as attached.

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To Proposal and Contract book holders:

Replace pages 4, 5 and 12 of the Engineer's Estimate in the Proposal with the attached revised pages 4, 5 and 12 of the Engineer's Estimate. The revised Engineer's Estimate is to be used in the bid.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This office is sending this addendum by UPS overnight mail to Proposal and Contract book holders to ensure that each receives it.

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

NICK YAMBAO, Chief
Office of Plans, Specifications & Estimates
Division of Office Engineer

Attachments

10-1.02 ORDER OF WORK

Order of work shall conform to the provisions in Section 5-1.05, "Order of Work," of the Standard Specifications and these special provisions.

The first order of work shall be to place the order for the traffic signal and fiber optic equipment. The Contractor shall furnish the Engineer with a statement from the vendor that the order for said equipment has been received and accepted by said vendor.

The uppermost layer of new pavement shall not be placed until all underlying conduits and loop detectors have been installed.

Prior to commencement of the traffic signal functional test at any location, all items of work related to signal control shall be completed and roadside signs and all pavement delineation and pavement markings shall be in place at that location.

During this contract six call boxes within the project limits will be reset by others. The Engineer will schedule such work. The existing call boxes are located at the following locations:

BOX NO.	LOCATION
1	RT of STA 576+11 Centerline Route 10
2	LT of STA 578+00 Centerline Route 10
3	RT of STA 629+00 Centerline Route 10
4	LT of STA 630+38 Centerline Route 10
5	LT of STA 603+60 Centerline Route 10
6	RT of STA 604+42 Centerline Route 10

The Contractor shall protect such call boxes from damage during construction work near them. The Contractor shall give at least two weeks notice to the Engineer when such pull boxes need to be reset based on his work schedule. The Engineer will arrange to have reset operations completed in a timely manner so the work schedule will not be adversely affected. If the Engineer determines resetting the pull boxes shall be done by the Contractor, such work shall be done as extra work, as provided in Section 4-1.03D of the Standard Specifications.

Attention is directed to "Aerially Deposited Lead," "Clearing and Grubbing," "Material with Aerially Deposited Lead," "Maintaining Traffic" and "Temporary Pavement Delineation" of these special provisions and to the stage construction sheets of the plans.

Attention is directed to "Progress Schedule (Critical Path)" of these special provisions regarding the submittal of a general time-scaled logic diagram within 10 days after approval of the contract. The diagram shall be submitted prior to performing any work that may be affected by any proposed deviations to the construction staging of the project.

The work shall be performed in conformance with the stages of construction shown on the plans. Nonconflicting work in subsequent stages may proceed concurrently with work in preceding stages, provided satisfactory progress is maintained in said preceding stages of construction. Temporary pavement on this project at all locations during stage construction shall be 0.67 feet thick Asphalt Concrete.

Temporary railing (Type K) and temporary crash cushion modules shall be secured in place prior to commencing work for which the temporary railing and crash cushions are required.

In each stage, after completion of the preceding stage, the first order of work shall be the removal of existing pavement delineation as directed by the Engineer. Pavement delineation removal shall be coordinated with new delineation so that lane lines are provided at all times on traveled ways open to public traffic.

Before obliterating any pavement delineation that is to be replaced on the same alignment and location, as determined by the Engineer, such pavement delineation shall be referenced by the Contractor, with a sufficient number of control points to reestablish the alignment and location of the new pavement delineation. The references shall also include the limits or changes in striping pattern, including one- and two-way barrier lines, limit lines, crosswalks and other pavement markings. Full compensation for referencing pavement delineation shall be considered as included in the contract prices paid for new pavement delineation and no additional compensation will be allowed therefor.

At locations exposed to public traffic where metal beam guard railing or barriers are to be constructed, or reconstructed, the Contractor shall schedule his operations so that at the end of each working day there shall be no post holes open nor shall there be any railing or barrier posts installed without the blocks and rail elements assembled and mounted thereon.

Attention is directed to "Bridge Removal" elsewhere in these special provisions.

10-1.25G REMOVE ASPHALT CONCRETE DIKE

Existing asphalt concrete dike, where shown on the plans to be removed, shall be removed.

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

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

The dike may be buried in embankments in the same manner as provided for burying concrete in embankments in Section 15-3, "Removing Concrete," of the Standard Specifications.

Payment for asphalt concrete dike removal is limited to removals adjacent to Sierra Avenue from approximate station 8+21 to station 17+89. Removing asphalt concrete dike adjacent to the existing ramps is considered as included in the contract price paid per cubic yard for roadway excavation at these locations and no additional compensation will be made therefor.

10-1.38 CONCRETE PAVEMENT

Portland cement concrete pavement shall conform to the provisions in Section 40, "Portland Cement Concrete Pavement," of the Standard Specifications and these special provisions.

The concrete for pavement shall contain a minimum of 517 pounds of portland cement per cubic yard.

An air-entraining admixture conforming to the requirements in Section 90-4, "Admixtures," of the Standard Specifications shall be added to the concrete at the rate required to result in an air content of 6 ($\pm 1/2$) percent in the freshly mixed concrete.

Transverse weakened plane joints across portland cement concrete shoulders shall be continuous with such joints across the traveled way. Longitudinal joints shall be constructed between portland cement concrete shoulders and adjacent traffic lanes, and tie bars shall be installed at such joints as provided herein.

Tie bars shall be installed at longitudinal joints between portland cement concrete shoulders and adjacent traffic lanes and at transverse contact joints, as shown on the plans. Tie bars shall be deformed reinforcing steel bars conforming to the specifications of ASTM Designation: A 615, Grade 40 or 60, ASTM Designation: A 616, Grade 50 or 60, or ASTM Designation: A 706 and shall be epoxy coated as specified in Section 52-1.02B, "Epoxy-coated Bar Reinforcement," of the Standard Specifications.

The joint detail for transverse and longitudinal joints, as shown on the plans, shall apply only to all weakened plane joints. All weakened plane joints shall be constructed by the sawing method. In addition to sawing weakened plane joints, secondary saw cuts shall be made along the transverse and longitudinal weakened plane joints to the width and depth shown on the plans to accommodate joint seal. The secondary saw cuts shall be made when the portland cement concrete pavement has cured a minimum of 3 days and the concrete has hardened sufficiently to prevent spalling and raveling during sawing operations and after any grinding of pavement surface in the area of the joint has been completed. Should grinding or grooving be required over or adjacent to any joint after silicone joint sealant has been placed, the joint materials shall be completely removed and replaced at the Contractor's expense.

In not less than 7 days after the placement of concrete pavement and not more than 4 hours before placing backer rods and joint sealant materials, the top one inch of the joint walls shall be cleaned by the dry sand blast method and other means as necessary to completely remove from the joint all objectionable material such as soil, asphalt, curing compound, paint and rust. After cleaning the joint, all traces of sand, dust and loose material shall be removed from and near the joint by the use of a vacuum device. Surface moisture shall be removed at the joints by means of compressed air or moderate hot compressed air or other means, approved by the Engineer. Drying procedures that leave a residue or film on the joint wall shall not be used.

Backer rod shall be installed as shown on the plans and shall be an expanded, closed-cell polyethylene foam that is compatible with the joint sealant so that no bond or adverse reaction occurs between the rod and sealant. Backer rod shall be installed when the temperature of the portland concrete pavement is above the dew point of the air and when the air temperature is 40° F. or above. Backer rod shall be installed when the joints to be sealed have been properly patched, cleaned and dried, as determined by the Engineer. Methods of placing backer rod which leave a residue or film on the joint walls shall not be used.

Immediately after placement of the backer rod, low modulus silicone joint sealant shall be placed in the clean, dry, prepared joints as shown on the plans. The silicone sealant shall be applied by a mechanical device with a nozzle shaped to fit inside the joint to introduce the sealant from inside the joint. Adequate pressure shall be applied to the sealant to ensure that the sealant material is extruded evenly and that full continuous contact is made with the joint walls. After application of the sealant the surface of the sealant shall be recessed as shown on the plans.

Any failure of the joint material in either adhesion or cohesion of the material will be cause for rejection of the joint. The finished surface of silicone joint sealant shall conform to the dimensions and allowable tolerances shown on the plans. Rejected joint materials or joint material whose finished surface do not conform to the dimensions shown on the plans, as determined by the Engineer, shall be repaired or replaced, at the Contractor's expense, with joint material that conforms to the requirements.

Low modulus silicone joint sealant shall be furnished in a one part silicone formulation. Acid cure sealants shall not be used. The compound shall be compatible with the surface to which it is applied and shall conform to the following requirements:

Specification	Test Method	Requirement
Tensile stress, 150% elongation, 7-day cure at 77° ± 3° F. and 45% to 55% R.H. ^e	ASTM D 412 (Die C)	45 psi max.
Flow at 77° ± 3° F.	ASTM C 639 ^a	shall not flow from channel
Extrusion Rate at 77° ± 3° F.	ASTM C 603 ^b	75-250 gms/min.
Specific Gravity	ASTM D 792 Method A	1.01 to 1.51
Durometer Hardness, at 0° F., Shore A, cured 7 days at 77° ± 3° F.	ASTM C 661	10 to 25
Ozone and Ultraviolet Resistance, after 5,000 hrs.	ASTM C 793	No chalking, cracking or bond loss
Tack free at 77° ± 3° F. and 45% to 55% R.H. ^e	ASTM C 679	less than 75 minutes
Elongation, 7 day cure at 77° ± 3° F. and 45% to 55% R.H. ^e	ASTM D 412 (Die C)	500 percent min.
Set to touch, at 77° ± 3° F. and 45% to 55% R.H. ^e	ASTM D 1640	less than 75 minutes
Shelf Life, from date of shipment	—	6 months min.
Bond, to concrete mortar-concrete briquets, air cured 7 days at 77° ± 3° F.	AASHTO T 132 ^c	50 psi min.
Movement capability and adhesion. 100 percent extension at 0° F. after, air cured 7 days at 77° ± 3° F., and followed by 7 days in water at 77° ± 3° F.	ASTM C 719 ^d	No adhesive or cohesive failure after 5 cycles

Notes:

- a ASTM C 639 Modified (15 percent slope channel A).
- b ASTM C 603, through 1/8 inch opening at 50 psi.
- c Mold briquets in accordance with AASHTO Designation: T 132, sawed in half and bonded with a 1/16 inch maximum thickness of sealant and tested in accordance with AASHTO Designation: T 132. Briquets shall be dried to constant weight at $100 \pm 5^\circ$ C.
- d Movement Capability and Adhesion: Prepare 1' x 1" x 3" concrete blocks in accordance with ASTM Designation: C 719. A sawed face shall be used for bond surface. Seal 2 inches of block leaving 1/2 inch on each end of specimen unsealed. The depth of sealant shall be 3/8 inch and the width 1/2 inch.
- e R.H. equals relative humidity.

The silicone joint sealant shall be formulated to cure rapidly enough to prevent flow after application on grades of up to 15 percent.

A Certificate of Compliance shall be furnished to the Engineer in accordance with the provisions of Section 6-1.07, "Certificates of Compliance," of the Standard Specifications. Said certificate shall also be accompanied with a certified test report of the results of the required tests performed on the sealant material within the previous 12 months prior to proposed use. Said certificate and accompanying test report shall be provided for each lot of silicone joint sealant prior to use on the project.

After each joint is sealed, all surplus joint sealer on the pavement surface shall be removed. Traffic will not be permitted over the sealed joints until the sealant is track free and set sufficiently to prevent embedment of roadway debris into the sealant.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in sealing pavement joints complete in place, including sawing and preparing the joints in the concrete pavement, furnishing and installing backer rod, repairing and patching spalled or raveled sawed joints, and replacing or repairing rejected joints and for furnishing and placing epoxy-coated tie bars in portland cement concrete pavement shall be considered as included in the contract price paid per cubic yard for concrete pavement and no separate payment will be made therefor.

Full compensation for furnishing and placing epoxy-coated tie bars in portland cement concrete pavement shall be considered as included in the contract price paid per cubic yard for concrete pavement and no separate payment will be made therefor.

10-1.52 SIGN STRUCTURES

Sign structures and foundations for overhead signs shall conform to the provisions in Section 56-1, "Overhead Sign Structures," of the Standard Specifications and these special provisions.

The second paragraph in Section 56-1.02C, "Bolts, Nuts and Washers," of the Standard Specifications is amended to read:

Headed anchor bolts for sign foundations shall conform to the specifications of ASTM Designation: A 449 Grade B with S1 supplementary requirements.

At the option of the Contractor, nonheaded anchor bolts for sign foundations shall conform either to the specifications of ASTM Designation: A 307, Grade C or to the provisions in AASHTO Designation: M 314, Grade 36 or 55 with S1 supplementary requirements. When nonheaded anchor bolts conforming to the specifications of ASTM Designation: A 307, Grade C are furnished, the end of each fabricated anchor bolt shall be either coded by end stamping as required in ASTM Designation: A 307 or the end that projects from the concrete shall be permanently coded with a green color by the manufacturer.

Where cast-in-drilled-hole concrete pile sign foundations are to be constructed in slag aggregate embankments, the diameter of the pile shall be increased to provide at least 3 inches of concrete cover over the reinforcing steel. Cast-in-drilled-hole concrete piles constructed with the additional dimension specified herein will be measured and paid for at the contract price per linear foot for the size of cast-in-drilled-hole concrete pile (sign foundation) shown on the plans for that location.

Full compensation for additional cost of constructing cast-in-drilled-hole concrete pile sign foundations in slag aggregate embankments, including the increased quantity of portland cement concrete, and any increased drilling cost, shall be considered as included in the contract price paid per linear foot for the size of cast-in-drilled-hole concrete pile (sign foundation) shown on the plans and no additional compensation will be allowed therefor.

Tubular sign structure shall be galvanized and not painted.

Graffiti abatement on sign structures shall include placement of concertina razor wire on the overhead sign structures as directed by the Engineer. Furnishing and placing the concertina razor wire will be paid for as extra work as provided in

10-1.74 RETAINING WALL TYPE 6B

Retaining wall Type 6B, consisting of a reinforced concrete footing and a reinforced concrete masonry unit stem, as shown on the plans, shall conform to the provisions in Section 51, "Concrete Structures," and Section 52, "Reinforcement," of the Standard Specifications and these special provisions.

Wall stems shall be constructed of reinforced concrete masonry units.

Hollow load-bearing concrete masonry units shall conform to ASTM Designation: C 90, Type II, and shall be of uniform color and size.

Portland cement for grout and mortar shall conform to Section 90-2.01, "Portland Cement," of the Standard Specifications or shall conform to ASTM Designation: C 150, Type II.

Hydrated lime shall conform to ASTM Designation: C 207, Type S.

Mortar sand shall be commercial quality.

Caulking, for sealing expansion joints, shall be a non-sag polysulfide or polyurethane material conforming to the provisions in Federal Specification TT-S-230, Type II.

Mortar for laying masonry units shall consist, by volume, of one part portland cement, 0 to 1/2 parts of hydrated lime, and 2 1/4 to 3 parts of mortar sand. Sufficient water shall be added to make a workable mortar. Each batch of mortar shall be accurately measured and thoroughly mixed. Mortar shall be freshly mixed as required. Mortar shall not be re-tempered more than one hour after mixing.

Aggregate for grout used to fill masonry units shall consist of fine aggregate and coarse aggregate conforming to the provisions in Section 90-2.02, "Aggregates," of the Standard Specifications. At least 20 percent of the aggregate shall be coarse aggregate. The Contractor shall determine the grading except that between 90 percent and 100 percent of the combined grading shall pass the 1/2 inch sieve.

At the option of the Contractor, grout for filling masonry units may be proportioned either by volume or weight. Grout shall contain only enough water to cause it to flow and fill the voids without segregation. The maximum amount of free water shall not exceed 0.7 times the weight of the cement.

Grout proportioned by volume shall consist of at least one part portland cement and 4.5 parts aggregate. Aggregate volumes shall be based on a loose, air-dry condition.

Grout proportioned by weight shall contain at least 564 pounds of portland cement per cubic yard.

Concrete masonry unit construction shall be true and plumb. Recesses in the units for horizontal reinforcement shall be provided.

Cleanout openings shall be provided at the bottoms of all cells where height of wall is in excess of 4 feet. The cleanouts shall be sealed before filling with grout, after inspection.

Mortar joints shall be approximately 3/8 inch wide. Units shall be laid with full mortar coverage of the face in both the vertical and horizontal joints, except where weep holes are specified. Vertical joints shall be shoved tight. Exposed joints shall be concave, tooled smooth.

All cells in the hollow unit masonry shall be filled solidly with grout. All grout shall be consolidated at time of pouring by puddling or vibrating. The top lift of grout shall be placed approximately one inch below the top of the units, to provide for cement mortar cap.

No backfill material shall be deposited against the back of Type 6B retaining walls until the grout has developed a strength of not less than 1,500 pounds per square inch in compression, or until the grout has been in place for 28 days, whichever occurs first.

The cement mortar cap shall conform to the provisions for mortar.

Splashing, staining or spotting on the exposed face of the wall stem shall be removed.

Pay quantities of the reinforced concrete masonry unit stem for retaining walls Type 6B will be determined by the square feet of completed wall stem, including the cap, measured along the horizontal length and the height from the top of footing to the top of the wall.

The contract price paid per square foot for retaining wall stem (Type 6B) shall include full compensation for furnishing all labor, materials, (including reinforcement), tools, equipment, and incidentals, and for doing all the work involved in constructing the reinforced concrete masonry unit retaining wall stems, complete in place, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

Measurement and payment of concrete for footing and reinforcement for footing and wall stem shall conform to the provisions in Sections 51, "Concrete Structures," and 52, "Reinforcement," of the Standard Specifications.

10-3.26 INNERDUCT

Innerduct shall be installed wherever fiber optic cable is installed in conduit, except conduit housing Type D fiber optic cable. Wherever 4-inch conduit is required, four one inch innerducts shall be installed.

Innerduct consists of an extruded flexible annealed polyethylene tubing that is installed inside electrical conduit, and which in turn the fiber optic cable is installed. Innerduct within a conduit run shall be continuous without splices or joints. Innerduct for this project shall be continuous longitudinally ribbed inside and outside.

Unless otherwise shown on the plans, innerduct for this project shall be nominal 19 mm inside diameter, with wall thickness of $2000\mu\text{m} \pm 80\mu\text{m}$, and shall meet the following requirements:

Polyethylene for innerduct shall have a density of $0.955 \pm 0.005 \text{ gm/cm}^3$ (ASTM Standard D-1505), and shall conform to the applicable portions of ASTM Designations: D 3485, D 3035, D 2239, and D 2447, and the applicable portions of NEMA TC7 and TC2. Tensile yield strength shall be 3300 psi, minimum (ASTM D-638).

The innerduct shall be shipped on reels marked with the manufacturer, the contract number, and the size and length of the innerduct. The product on reels shall be covered with aluminized material to protect colors from UV deterioration during shipment and storage.

Immediately prior to installing innerducts, all conduits shall be blown out with compressed air until all foreign material is removed. After cables, conductors and/or innerduct have been installed, the ends of innerducts shall be sealed with an approved type of sealing plugs.

A manufacturer recommended lubricant shall be applied between the innerducts and the conduit during installation to reduce friction.

Installation procedures shall conform to the procedures specified by the innerduct manufacturer. If the innerduct is installed using mechanical assistance, a dynamometer shall be used to record installation tension and a tension limiting device shall be used to prevent exceeding the maximum pulling tension during installation. The tension shall be set to the manufacturer's maximum limit. The maximum pulling tension shall be recorded for each innerduct run. The innerduct shall not be stressed beyond the minimum bending radius allowed by either the innerduct or fiber optic cable manufacturer.

Immediately prior to installing cables, innerduct shall be blown out with compressed air until all foreign material is removed. After cables have been installed, the ends of innerducts shall be sealed with an approved type of rubber conduit plug.

Each innerduct shall be one continuous unit within a conduit run.

SECTION 13. RAILROAD RELATIONS AND INSURANCE REQUIREMENTS

SECTION 13-1. RELATIONS WITH RAILROAD COMPANY

13-1.01 GENERAL.-- The term "Railroad" shall be understood to mean the Union Pacific Railroad Company.

It is expected that the Railroad will cooperate with the Contractor to the end that the work may be handled in an efficient manner. However, except for the additional compensation provided for hereinafter for delays in completion of specific unit of work to be performed by the Railroad, the Contractor shall have no claim for damages, extension of time, or extra compensation in the event his work is held up by any of the work to be performed by the Railroad.

The Contractor must understand the Contractor's right to enter Railroads property is subject to the absolute right of Railroad to cause the Contractor's work on Railroad's property to cease if, in the opinion of Railroad, Contractor's activities create a hazard to Railroad's property, employees, and/or operations.

13-1.02 RAILROAD REQUIREMENTS.-- The contractor shall notify Mr. Richard C. Gonzales, Senior Manager Industry and Public Projects, 19100 Slover Avenue, Bloomington, CA 92316, telephone (909) 873-3264 (FAX 909-873-3298) and the State's Engineer, in writing, at least 10 working days before performing any work on, or adjacent to the property or tracks of the Railroad.

The Contractor shall cooperate with the Railroad where work is over or under the tracks, or within the limits of Railroad property, in order to expedite the work and to avoid interference with the operation of railroad equipment.

The Contractor shall comply with the rules and regulations of Railroad or the instructions of its representatives in relation to the proper manner of protecting the tracks and property of Railroad and the traffic moving on such tracks, as well as the wires, signals and other property of Railroad, its tenants or licensees, at and in the vicinity of the work during the period of construction.

The Contractor shall perform his work in such manner and at such times as shall not endanger or interfere with the safe operation of the tracks and property of Railroad and traffic moving on such tracks, as well as wires, signals and other property of Railroad, its tenants or licensees, at or in the vicinity of the work.

The Contractor shall take protective measures necessary to keep railroad facilities, including track ballast, free of sand or debris resulting from his operations. Any damage to railroad facilities resulting from Contractor's operations will be repaired or replaced by Railroad and the cost of such repairs or replacement shall be deducted from the contractor's progress and final pay estimates.

The Contractor shall contact the Railroad's "Call Before You Dig" at least 48 hours prior to commencing work, at 1-800-336-9193 (a 24 hour number) to determine location of fiber optics. If a telecommunications system is buried anywhere on or near railroad property, the Contractor will co-ordinate with the Railroad and the Telecommunication Company(ies) to arrange for relocation or other protection of the system prior to beginning any work on or near Railroad Property.

The Contractor shall not pile or store any materials nor park any equipment closer than 25'- 0" to the centerline of the nearest track, unless directed by Railroad's representative.

The Contractor shall also abide by the following temporary clearances during the course of construction:

12'-0" horizontally from centerline of track
21'-0" vertically above top of rail

The temporary vertical construction clearance above provided will not be permitted until authorized by the Public Utilities Commission. It is anticipated that authorization will be received not later than fifteen days after the approval of the contract by the Attorney General. In the event authorization is not received by the time specified, and, if in the opinion of the Engineer, the Contractor's operations are delayed or interfered with by reason of authorization not being received by the said time, the State will compensate the Contractor for such delay to the extent provided in Section 8-1.09, "Right of Way Delays," of the Standard Specifications and not otherwise.

Walkways with railing shall be constructed by Contractor over open excavation areas when in close proximity of tracks, and railings shall not be closer than 8'-6" horizontally from centerline of the nearest track, if tangent, or 9'-6" if curved.

Any infringement on the above temporary construction clearances due to the Contractor's operations shall be submitted to the Railroad by way of State's Engineer, and shall not be undertaken until approved by the Railroad, and until the State's Engineer has obtained any necessary authorization from any governmental body or bodies having jurisdiction thereover. No extension of time or extra compensation will be allowed in the event the Contractor's work is delayed pending Railroad approval and governmental authorization.

When the temporary vertical clearance is less than 22'-6" above top of rail, Railroad shall have the option of installing tell-tales or other protective devices Railroad deems necessary for protection of Railroad trainmen or rail traffic.

Three sets of plans and calculations approved by the Engineer, showing details of construction affecting the Railroad's tracks and property not included in the contract plans, including but not limited to shoring and falsework, shall be submitted to the Railroad for approval. Shoring and falsework design shall be in accordance with Southern Pacific Lines (SPL) Guidelines for shoring and falsework, latest edition, issued by the Railroad's Office of Chief Engineer. Shoring and falsework plans and calculations shall be prepared and signed by a registered professional engineer. This work shall not be undertaken until such time as the Railroad has given such approval, review by Railroad may take up to six (6) weeks after receipt of all necessary information.

The Contractor shall notify the Engineer in writing, at least 25 calendar days but not more than 40 days in advance of the starting date of installing temporary work with less than permanent clearance at each structure site. The Contractor will not be permitted to proceed with work across railroad tracks unless this requirement has been met. No extension of time or extra compensation will be allowed in the event that the Contractor's work is delayed because of his failure to comply with the requirements in this paragraph.

Private crossings at grade over tracks of Railroad for the purpose of hauling earth, rock, paving or other materials will not be permitted. If the Contractor, for the purpose of constructing highway-railway grade separation structures, including construction ramps thereto, desires to move equipment or materials across Railroad's tracks, Contractor must first obtain permission from Railroad. Should Railroad approved the crossing, Contractor may be required to execute a private crossing agreement. By this agreement, the Contractor would be required to bear the cost of the crossing surface, together with any warning devices that might be required. Contractor shall furnish his own employees as flagmen to control movements of vehicles on the private roadway and shall take all measures necessary to prevent the use of such roadway by unauthorized persons and vehicles.

No blasting will be permitted by Contractor unless approved by the Railroad.

The Contractor shall, upon completion of the work covered by this contract to be performed by Contractor upon the premises or over or beneath the tracks of Railroad, promptly remove from the premises of Railroad all of Contractor's tools, implements and other materials, whether brought upon said premises by said Contractor or any subcontractor, employee or agent of Contractor or of any subcontractor, and cause said premises to be left in a clean and presentable condition.

All under track pipeline installations shall be constructed in accordance with Railroad's current standards which may be obtained from Railroad. The general guidelines are as follows:
 Edges of jacking or boring pit excavations shall be kept a minimum of 20 feet from the centerline of the nearest track. If the pipe to be installed under the track is four (4) inches in diameter or less, the top of the pipe shall be at least 42 inches below base of rail. If the pipe diameter is greater than four (4) inches in diameter, it must be encased and the top of the steel pipe casing shall be at least 66 inches below base of rail. Installation of any pipe or conduit under Railroad's tracks is to be done by dry bore and jack method. No hydraulic jacking or boring will be permitted. Care is to be exercised so as not to damage any underground facilities of Railroad.

13-1.03 PROTECTION OF RAILROAD FACILITIES

(1). Upon advance notification of not less than 72 hours by Contractor, Railroad representatives, conductors, flagmen or watchmen will be provided by Railroad to protect its facilities, property and movements of its trains or engines. In general, Railroad will furnish such personnel or other protective devices:

- (a) When any part of any equipment is standing or being operated within 25 feet, measured horizontally, from centerline of any track on which trains may operate, or when any erection or construction activities are in progress within such limits, regardless of elevation above or below track.
- (b) For any excavation below elevation of track subgrade if, in the opinion of Railroad's representative, track or other Railroad facilities may be subject to settlement or movement.
- (c) During any clearing, grubbing, grading or blasting in proximity to Railroad which, in the opinion of Railroad's representative, may endanger Railroad facilities or operations.
- (d) During any of Contractor's operations when, in the opinion of Railroad's representatives, Railroad facilities, including, but not limited to, tracks, buildings, signals, wire lines or pipe lines, may be endangered.

(2) The cost of flagging and inspection provided by Railroad during the period of constructing that portion of the project located on or near Railroad property, as deemed necessary for the protection of Railroad's facilities and trains, will be borne by the State for a period of 175 working days beginning on the date work commences on or near property of Railroad. The Contractor shall pay to the State liquidated damages in the sum of \$500 per day for each day in excess of the above 175 working days the Contractor works on or near Railroad property, and which requires flagging protection of Railroad's facilities and trains.

13-1.04 WORK BY RAILROAD.- Railroad will furnish or cause to be furnished as necessary due to construction, labor materials, tools and equipment to perform certain works including relocation of telephone, telegraphy and signal lines and appurtenances and will perform any other work in connection therewith.

The work by Railroad will be performed by its own forces and is not a part of the work under this contract.

(a) The Railroad will perform preliminary engineering inspection and flagging as specified in Section 13-1.03 "Protection of Railroad Facilities".

(b) Install and relocate signals, communication, and electrical facilities.

13-1.05 DELAYS DUE TO WORK BY RAILROAD.--No delays due to work by Railroad is anticipated.

Unit of Work	Minimum Required Notice, Calendar Days	Performance, Days
1. Install and relocate signals, communication & electrical facilities	5	120

13-1.06 LEGAL RELATIONS.- The provisions of this section, "Relations with Railroad Company" and the provisions of the following section, "Railroad Protective Insurance," of these special provisions shall inure directly to the benefit of Railroad

SECTION 13-2. RAILROAD PROTECTIVE INSURANCE

The term "Railroad" shall be understood to mean the Union Pacific Railroad Company.

In addition to any other form of insurance or bonds required under the terms of the contract and specifications, the Contractor will be required to carry insurance of the kinds and in the amounts hereinafter specified.

Such insurance shall be approved by the Railroad before any work is performed on Railroad's property and shall be carried until all work required to be performed on or adjacent to the Railroad's property under the terms of the contract is satisfactorily completed as determined by the Engineer, and thereafter until all tools, equipment and materials have been removed from Railroad's property and such property is left in a clean and presentable condition.

The insurance herein required shall be obtained by the successful bidder and he shall furnish the Railroad Agreements Branch, MS # 9, Engineering Service Center, Department of Transportation, State of California, 1801 30th Street, Sacramento, California 95816, with two completed certificates, in the form attached hereto, signed by the insurance company or its authorized agent or representative, reflecting the existence of each of the policies required by 1 and 2 below including coverage for X, C and U and completed operations hazards, the original policy of insurance and one certified copy thereof required by 3 below. Railroad Agreements Branch Engineer will convey one of the certificates of policy certifying 1 and 2 and the original policy of insurance required by 3 to Railroad upon receipt from successful bidder. Engineer will notify successful bidder whether Railroad approves the insurance policies.

Certificate of insurance shall guarantee that the policy under 1 and 2 will not be amended, altered, modified or canceled insofar as the coverage contemplated hereunder is concerned, without at least thirty (30) days notice mailed by registered mail to the Railroad Agreements Branch Engineer and to Railroad.

Full compensation for all premiums which the Contractor is required to pay on all the insurance described hereinafter shall be considered as included in the prices paid for the various items of work to be performed under the contract, and no additional allowance will be made therefor or for additional premiums which may be required by extensions of the policies of insurance.

The approximate ratio of the estimated cost of the work over or under or within 50 feet of Railroad's tracks to the total estimated cost is 0.33. Approximate daily train traffic is 1 passenger train and 50 freight trains.

1. Contractor's Public Liability and Property Damage Liability Insurance

The Contractor shall, with respect to the operations he performs within or adjacent to Railroad's property, carry regular Contractor's Public Liability and Property Damage Liability Insurance providing for the same limits as specified for Railroad's Protective Public Liability and Property Damage Liability insurance to be furnished for and in behalf of Railroad as hereinafter provided.

If any part of the work within or adjacent to Railroad's property is subcontracted, the Contractor in addition to carrying the above insurance shall provide the above insurance on behalf of the subcontractors to cover their operations.

2. Contractor's Protective Public Liability and Property Damage Liability Insurance.

The Contractor shall, with respect to the operations performed for him by subcontractors who do work within or adjacent to Railroad's property, carry in his own behalf regular Contractor's Protective Public Liability and Property Damage Liability Insurance providing for the same limits as specified for Railroad's Protective Public Liability and Property Damage Liability Insurance to be furnished for and on behalf of Railroad as hereinafter provided.

3. Railroad's Protective Public Liability and Property Damage Liability Insurance

The Contractor shall, with respect to the operations he performs within or adjacent to Railroad's property or that of any of his subcontractors who do work within or adjacent to Railroad's property perform, have issued and furnished in favor of Railroad, Policy or policies of insurance in the Railroad Protective Liability Form as hereinafter specified.

Railroad Protective Liability Form

(Name of Insurance Company)

DECLARATIONS

Item 1. Named Insured:

Union Pacific Railroad Company
1416 Dodge Street - Mail Code 10049
Omaha, Nebraska 68179

Item 2. Policy Period: From _____ to _____ 12:01 a.m., Standard Time, at the designated job site as stated herein.

Item 3. The insurance afforded is only with respect to such of the following coverage's as are indicated in Item 6 by specific premium charge or charges. The limit of the company's liability against such coverage or coverage's shall be as stated herein, subject to all the terms of this policy having reference thereto.

Coverage's		Limits of Liability	
		Each Occurrence	Aggregate
A	Bodily Injury Liability	\$2,000,000	
B	Property Damage Liability	Combined	\$6,000,000 for
&	and Physical Damage to	Single	Coverage's
C	Property	Limit	A, B & C

Item 4. Name and Address of Contractor:

Item 5. Name and Address of Governmental Authority for whom the work by the Contractor is being performed: State of California, acting by and through its Department of Transportation, P.O. Box 942874, Sacramento, California 94274-0001.

Item 6. Designation of the Job Site and Description of Work:

FOR CONSTRUCTION ON

Premium Bases	Rates per \$100 of Cost		Advance Premiums	
	Coverage A	Coverage's B & C	Coverage A	Coverage's B & C
Contract Cost	\$	\$	\$	\$
Rental Cost	\$	\$	\$	\$

Countersigned _____ 19__ by _____

_____ Title

POLICY

(Name of Insurance Company)

A _____ insurance company, herein called the company, agrees with the insured, named in the declarations made a part hereof, in consideration of the payment of the premium and in reliance upon the statements in the declaration made by the named insured and subject to all of the terms of this policy:

INSURING AGREEMENTS

I. Coverage A--Bodily Injury Liability.

To pay on behalf of the insured all sums which the insured shall become legally obligated to pay as damages because of bodily injury, sickness, or disease, including death at any time resulting therefrom, hereinafter called "bodily injury," either (1) sustained by any person arising out of acts or omissions at the designated job site which are related to or are in connection with the work described in Item 6 of the declarations, or (2) sustained at the designated job site by the Contractor or any employee of the Contractor, or by any employee of the Governmental Authority specified in Item 5 of the Declarations, or by any designated employee of the insured whether or not arising out of such acts or omissions.

Coverage B--Property Damage Liability.

To pay on behalf of the insured all sums which the insured shall become legally obligated to pay as damages because of physical injury to or destruction of property, including loss of use of any property due to such injury or destruction, hereinafter called "property damage," arising out of acts or omissions at the designated job site which are related to or are in connection with the work described in Item 6 of the declarations.

Coverage C--Physical Damage to Property.

To pay for direct and accidental loss of or damage to rolling stock and their contents, mechanical construction equipment, or motive power equipment, hereinafter called "loss," arising out of acts or omissions at the designated job site which are related to or are in connection with the work described in Item 6 of the declarations; provided such property is owned by the named insured or is leased or entrusted to the named insured under a lease or trust agreement.

II. Definitions.

- (a) **Insured.**--The unqualified word "insured" includes the named insured and also includes any executive officer, director or stockholder thereof while acting within the scope of his duties as such.
- (b) **Contractor.**--The word "contractor" means the Contractor designated in Item 4 of the declarations and includes all subcontractors of said Contractor but shall not include the named insured.
- (c) **Designated employee of the insured.**--The words "designated employee of the insured" mean:
 - (1) any supervisory employee of the insured at the job site,
 - (2) any employee of the insured while operating, attached to or engaged on work trains or other railroad equipment at the job site which are assigned exclusively to the Contractor, or
 - (3) any employee of the insured not within (1) or (2) who is specifically loaned or assigned to the work of the Contractor for prevention of accidents or protection of property, the cost of whose services is borne specifically by the Contractor or by governmental authority.
- (d) **Contract.**--The word "contract" means any contract or agreement to carry a person or property for a consideration or any lease, trust or interchange contract or agreement respecting motive power, rolling stock or mechanical construction equipment.

III. Defense, Settlement, Supplementary Payments.

With respect to such insurance as is afforded by this policy under Coverage's A and B, the company shall:

- (a) defend any suit against the insured alleging such bodily injury or property damage and seeking damages which are payable under the terms of this policy, even if any of the allegations of the suit are groundless, false or fraudulent; but the company may make such investigation and settlement of any claim or suit as it deems expedient;
- (b) pay, in addition to the applicable limits of liability:
 - (1) all expenses incurred by the company, all costs taxed against the insured in any such suit and all interest on the entire amount of any judgment therein which accrues after entry of the judgment and before the company has paid or tendered or deposited in court that part of the judgment which does not exceed the limit of the company's liability thereon;
 - (2) Premiums on appeal bonds required in any such suit, premiums on bonds to release attachments for an amount not in excess of the applicable limit of liability of this policy, but without obligation to apply for or furnish any such bonds;
 - (3) expenses incurred by the insured for such immediate medical and surgical relief to others as shall be imperative at the time of the occurrence;
 - (4) all reasonable expenses, other than loss of earnings, incurred by the insured at the company's request.

IV. Policy Period, Territory.

This policy applies only to occurrences and losses during the policy period and within the United States of America, its territories or possessions, or Canada.

EXCLUSIONS

This policy does not apply:

- (a) to liability assumed by the insured under any contract or agreement except a contract as defined herein;
- (b) to bodily injury or property damage caused intentionally by or at the direction of the insured;
- (c) to bodily injury, property damage or loss which occurs after notification to the named insured of the acceptance of the work by the governmental authority, other than bodily injury, property damage or loss resulting from the existence or removal of tools, uninstalled equipment and abandoned or unused materials;
- (d) under Coverage's A(1), B and C, to bodily injury, property damage or loss, the sole proximate cause of which is an act or omission of any insured other than acts or omissions of any designated employee of any insured;
- (e) under Coverage A, to any obligation for which the insured or any carrier as his insurer may be held liable under any workmen's compensation, unemployment compensation or disability benefits law, or under any similar law; provided that the Federal Employers' Liability Act, U.S. Code (1946), Title 45, Sections 51-60, as amended, shall for the purposes of this insurance be deemed not to be any similar law;
- (f) under Coverage B, to injury to or destruction of property (1) owned by the named insured or (2) leased or entrusted to the named insured under a lease or trust agreement.
- (g) 1. Under any liability coverage, to injury, sickness, disease, death or destruction
 - (a) with respect to which an insured under the policy is also an insured under a nuclear energy liability policy issued by Nuclear Energy Liability Insurance Association, Mutual Atomic Energy Liability Underwriters or Nuclear Insurance Association of Canada, or would be an insured under any such policy but for its termination upon exhaustion of its limit of liability; or
 - (b) resulting from the hazardous properties of nuclear material and with respect to which (1) any person or organization is required to maintain financial protection pursuant to the Atomic Energy Act of 1954, or any law amendatory thereof, or (2) the insured is, or had this policy not been issued would be, entitled to indemnity from the United States of America, or any agency thereof, under any agreement entered into by the United States of America, or any agency thereof, with any person or organization.
- 2. Under any medical payments coverage, or under any Supplementary Payments provision relating to immediate medical or surgical relief, to expenses incurred with respect to bodily injury, sickness, disease or death resulting from the hazardous properties of nuclear material and arising out of the operation of a nuclear facility by any person or organization.
- 3. Under any liability coverage, to injury, sickness, disease, death or destruction resulting from the hazardous properties of nuclear material, if
 - (a) the nuclear material (1) is at any nuclear facility owned by, or operated by or on behalf of, an insured or (2) has been discharged or dispersed therefrom;

(b) the nuclear material is contained in spent fuel or waste at any time possessed, handled, used, processed, stored, transported or disposed of by or on behalf of an insured; or

(c) the injury, sickness, disease, death or destruction arises out of the furnishing by an insured of services, materials, parts or equipment in connection with the planning, construction, maintenance, operation or use of any nuclear facility, but if such facility is located within the United States of America, its territories or possessions or Canada, this exclusion (c) applies only to injury to or destruction of property at such nuclear facility.

4. As used in this exclusion:

"hazardous properties" include radioactive, toxic or explosive properties;

"nuclear material" means source material, special nuclear material or byproduct material;

"source material", "special nuclear material", and "byproduct material" have the meanings given them in the Atomic Energy Act of 1954 or in any law amendatory thereof;

"spent fuel" means any fuel element or fuel component, solid or liquid, which has been used or exposed to radiation in a nuclear reactor;

"waste" means any waste material (1) containing byproduct material and (2) resulting from the operation by any person or organization of any nuclear facility included within the definition of nuclear facility under paragraph (a) or (b) thereof;

"nuclear facility" means

(a) any nuclear reactor,

(b) any equipment or device designed or used for (1) separating the isotopes of uranium or plutonium, (2) processing or utilizing spent fuel, or (3) handling, processing or packaging waste,

(c) any equipment or device used for the processing, fabricating or alloying of special nuclear material if at any time the total amount of such material in the custody of the insured at the premises where such equipment or device is located consists of or contains more than 25 grams of plutonium or uranium 233 or any combination thereof, or more than 250 grams of uranium 235,

(d) any structure, basin, excavation, premises or place prepared or used for the storage or disposal of waste, and includes the site on which any of the foregoing is located, all operations conducted on such site and all premises used for such operations;

"nuclear reactor" means any apparatus designed or used to sustain nuclear fission in a self-supporting chain reaction or to contain a critical mass of fissionable material;

with respect to injury to or destruction of property, the word "injury" or "destruction" includes all forms of radioactive contamination of property.

(h) under Coverage C, to loss due to nuclear reaction, nuclear radiation or radioactive contamination, or to any act or condition incident to any of the foregoing.

CONDITIONS

(The conditions, except conditions 3, 4, 5, 7, 8, 9, 10, 11 and 12, apply to all coverages. Conditions 3, 4, 5, 7, 8, 9, 10, 11 and 12, apply only to the coverage noted thereunder.)

1. Premium.--The premium bases and rates for the hazards described in the declarations are stated therein. Premium bases and rates for hazards not so described are those applicable in accordance with the manuals in use by the company.

The term "contract cost" means the total cost of all work described in Item 6 of the declarations.

The term "rental cost" means the total cost to the Contractor for rental of work trains or other railroad equipment, including the remuneration of all employees of the insured while operating, attached to or engaged thereon. The advance premium stated in the declarations is an estimated premium only. Upon termination of this policy the earned premium shall be computed in accordance with the company's rules, rates, rating plans, premiums and minimum premiums applicable to this insurance. If the earned premium thus computed exceeds the estimated advance premium paid, the company shall look to the Contractor specified in the declarations for any such excess; if less, the company shall return to the said Contractor the unearned portion paid.

In no event shall payment of premium be an obligation of the named insured.

2. Inspection.--The named insured shall make available to the company records of information relating to the subject matter of this insurance.

The company shall be permitted to inspect all operations in connection with the work described in Item 6 of the declarations.

3. Limits of Liability, Coverage A.--The limit of bodily injury liability stated in the declarations as applicable to "each person" is the limit of the company's liability for all damages, including damages for care and loss of services, arising out of bodily injury sustained by one person as the result of any one occurrence; the limit of such liability stated in the declarations as applicable to "each occurrence" is, subject to the above provision respecting each person, the total limit of the company's liability for all such damage arising out of bodily injury sustained by two or more persons as the result of any one occurrence.

4. Limits of Liability, Coverage's B and C.--The limit of liability under Coverages B and C stated in the declarations as applicable to "each occurrence" is the total limit of the company's liability for all damages and all loss under Coverage B and C combined arising out of physical injury to, destruction or loss of all property of one or more persons or organizations, including the loss of use of any property due to such injury or destruction under Coverage B, as the result of any one occurrence.

Subject to the above provision respecting "each occurrence," the limit of liability under Coverage's B and C stated in the declarations as "aggregate" is the total limit of the company's liability for all damages and all loss under Coverage's B and C combined arising out of physical injury to, destruction or loss of property, including the loss of use of any property due to such injury or destruction under Coverage B.

Under Coverage C, the limit of the company's liability for loss shall not exceed the actual cash value of the property, or if the loss is of a part thereof the actual cash value of such part, at time of loss, nor what it would then cost to repair or replace the property or such part thereof with other of like kind and quality.

5. Severalty of Interests, Coverage's A and B.-- The term "the insured" is used severally and not collectively, but the inclusion herein of more than one insured shall not operate to increase the limits of the company's liability.

6. Notice.--In the event of an occurrence or loss, written notice containing particulars sufficient to identify the insured and also reasonably obtainable information with respect to the time, place and circumstances thereof, and the names and addresses of the injured and of available witnesses, shall be given by or for the insured to the company or any of its authorized agents as soon as practicable. If claim is made or suit is brought against the insured, he shall immediately forward to the company every demand, notice, summons or other process received by him or his representative.

7. Assistance and Cooperation of the Insured, Coverage's A and B.--The insured shall cooperate with the company and, upon the company's request, attend hearings and trials and assist in making settlements, securing and giving evidence, obtaining the attendance of witnesses and in the conduct of suits. The insured shall not, except at his own cost, voluntarily make any payment, assume any obligation or incur any expense other than for such immediate medical and surgical relief to others as shall be imperative at the time of accident.

8. Action Against Company, Coverages A and B.--No action shall lie against the company unless, as a condition precedent thereto, the insured shall have fully complied with all the terms of this policy, nor until the amount of the insured's obligation to pay shall have been finally determined either by judgment against the insured after actual trial or by written agreement of the insured, the claimant and the company.

Any person or organization or the legal representative thereof who has secured such judgment or written agreement shall thereafter be entitled to recover under this policy to the extent of the insurance afforded by this policy. No person or organization shall have any right under this policy to join the company as a party to any action against the insured to determine the insured's liability. Bankruptcy or insolvency of the insured or of the insured's estate shall not relieve the company of any of its obligations hereunder.

Coverage C.--No action shall lie against the company unless, as a condition precedent thereto, there shall have been full compliance with all the terms of this policy nor until 30 days after proof of loss is filed and the amount of loss is determined as provided in this policy.

9. Insured's Duties in Event of Loss, Coverage C.--In the event of loss the insured shall:

- (a) protect the property, whether or not the loss is covered by this policy, and any further loss due to the insured's failure to protect shall not be recoverable under this policy; reasonable expenses incurred in affording such protection shall be deemed incurred at the company's request;
- (b) file with the company, as soon as practicable after loss, his sworn proof of loss in such form and including such information as the company may reasonably require and shall, upon the company's request, exhibit the damaged property.

10. Appraisal, Coverage C.--If the insured and the company fail to agree as to the amount of loss, either may, within 60 days after the proof of loss is filed, demand an appraisal of the loss. In such event the insured and the company shall each select a competent appraiser, and the appraisers shall select a competent and disinterested umpire. The appraisers shall state separately the actual cash value and the amount of loss and failing to agree shall submit their differences to the umpire. An award in writing of any two shall determine the amount of loss. The insured and the company shall each pay his chosen appraiser and shall bear equally the other expenses of the appraisal and umpire.

The company shall not be held to have waived any of its rights by any act relating to appraisal.

11. Payment of Loss, Coverage C.--The company may pay for the loss in money but there shall be no abandonment of the damaged property to the company.

12. No Benefit to Bailee, Coverage C.--The insurance afforded by this policy shall not inure directly or indirectly to the benefit of any carrier or bailee, other than the named insured, liable for loss to the property.

13. Subrogation.--In the event of any payment under this policy, the company shall be subrogated to all the insured's rights of recovery therefor against any person or organization and the insured shall execute and deliver instruments and papers and do whatever else is necessary to secure such rights. The insured shall do nothing after loss to prejudice such rights.

14. Application of Insurance.--The insurance afforded by this policy is primary insurance.

15. Three Year Policy.--A policy period of three years is comprised of three consecutive annual periods. Computation and adjustment of earned premium shall be made at the end of each annual period. Aggregate limits of liability as stated in this policy shall apply separately to each annual period.

16. Changes.--Notice to any agent or knowledge possessed by any agent or by any other person shall not effect a waiver or a change in any part of this policy or stop the company from asserting any right under the terms of this policy; nor shall the terms of this policy be waived or changed, except by endorsement issued to form a part of this policy.

17. Assignment.--Assignment of interest under this policy shall not bind the company until its consent is endorsed hereon.

18. Cancellation.--This policy may be canceled by the named insured by mailing to the company written notice stating when thereafter the cancellation shall be effective. This policy may be canceled by the company by mailing to the named insured, Contractor and governmental authority at the respective addresses shown in this policy written notice stating when not less than 30 days thereafter such cancellation shall be effective. The mailing of notice as aforesaid shall be sufficient proof of notice. The effective date and hour of cancellation stated in the notice shall become the end of the policy period. Delivery of such written notice either by the named insured or by the company shall be equivalent to mailing.

If the named insured cancels, earned premium shall be computed in accordance with the customary short rate table and procedure. If the company cancels, earned premium shall be computed pro rata. Premium adjustment may be made either at the time cancellation is effected or as soon as practicable after cancellation becomes effective, but payment or tender of unearned premium is not a condition of cancellation.

19. Declaration.--By acceptance of this policy the named insured agrees that such statements in the declarations as are made by him are his agreements and representations, that this policy is issued in reliance upon the truth of such representations and that this policy embodies all agreements existing between himself and the company or any of its agents relating to this insurance.

In witness whereof, the _____ Insurance Company has caused this policy to be signed by its president and a secretary at _____, and countersigned on the declaration page by a duly authorized agent of the company.

(Facsimile of Signature)

(Facsimile of Signature)

Secretary

President

CERTIFICATE OF INSURANCE
Exhibit "C"

This is to certify to:

RAILROAD FILE NO.:

- (1) Railroad Agreements Branch, MS #9
Engineering Service Center
California Department of Transportation
State of California
1801 30th Street, Sacramento, California 95816

- (2) and to the following Railroad Company

that such insurance as is afforded by the policy or policies described below for bodily injury liability and property damage liability is in full force and effect as of the date of this certificate and covers the following contractor as a named insured with respect to liability for damages arising out of operations performed by or for the named insured in connection with the contract or work described below.

1. Named Insured and Address

This is to certify that policies of insurance listed below have been issued to the insured named above and are in force at this time. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.

2. Description of Work

Contract No. _____

3. Coverage's	Policy Expiration Date	Limits of Liability Each Occurrence	Aggregate
Contractor's Bodily Injury Liability and Property Damage Liability			
Umbrella or Excess Liability			

All of the coverages include coverage for the completed operations hazard, and X, C and U exposures.

Name of Insurance Company by Coverage

Coverage's	Company	Policy Number
Bodily Injury Liability		
Property Damage Liability		
Umbrella or Excess Liability		

4. The policy or policies described above will not be amended, altered, modified or cancelled until thirty (30) days after written notice thereof has been given by registered mail to the (1) Railroad Agreements Branch, Engineering Service Center, Department of Transportation, and (2) the Railroad named as certificate holder in this certificate.

Certificate Date:

For _____
(Insurance Company)

By _____
(Authorized Agent or Representative)

State of California
Department of Transportation

DH-0S-A104(8-10-99)

**ENGINEER'S ESTIMATE
08-340804**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	112 000		
22	150712	REMOVE PAINTED PAVEMENT MARKING	SQFT	3810		
23	150174	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	15 900		
24	150722	REMOVE PAVEMENT MARKER	EA	2120		
25	150744	REMOVE ROADSIDE SIGN (WOOD POST)	EA	18		
26	150760	REMOVE SIGN STRUCTURE	EA	4		
27	150767	REMOVE BRIDGE MOUNTED SIGN	EA	2		
28	150771	REMOVE ASPHALT CONCRETE DIKE	LF	970		
29	150806	REMOVE PIPE	LF	240		
30	150820	REMOVE INLET	EA	1		
31	150829	REMOVE RETAINING WALL	LF	160		
32	150860	REMOVE BASE AND SURFACING	CY	970		
33	151540	RECONSTRUCT CHAIN LINK FENCE	LF	700		
34	151568	RECONSTRUCT THRIE BEAM BARRIER	LF	450		
35	151572	RECONSTRUCT METAL BEAM GUARD RAILING	LF	2150		
36	152322	RESET ROADSIDE SIGN (WOOD POST)	EA	14		
37	152392	RELOCATE ROADSIDE SIGN (WOOD POST)	EA	27		
38	152604	MODIFY INLET	EA	1		
39 (S)	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	3250		
40	153220	REMOVE CONCRETE (CHANNEL)	CY	670		

ENGINEER'S ESTIMATE
08-340804

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	153229	REMOVE CONCRETE BARRIER (TYPE K)	LF	78		
42	153246	REMOVE CONCRETE (MISCELLANEOUS)	CY	130		
43	157551	BRIDGE REMOVAL, LOCATION A	LS	LUMP SUM	LUMP SUM	
44	157562	BRIDGE REMOVAL (PORTION), LOCATION B	LS	LUMP SUM	LUMP SUM	
45	160101	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	
46	190101	ROADWAY EXCAVATION	CY	26 000		
47 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	CY	12 610		
48 (F)	192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	4810		
49 (F)	193003	STRUCTURE BACKFILL (BRIDGE)	CY	11 340		
50 (F)	193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	7980		
51	194001	DITCH EXCAVATION	CY	78		
52	198001	IMPORTED BORROW	CY	59 000		
53 (S)	200001	HIGHWAY PLANTING	LS	LUMP SUM	LUMP SUM	
54 (S)	204053	WILD FLOWER SEEDING	ACRE	4.2		
55 (S)	204098	MAINTAIN EXISTING PLANTS	LS	LUMP SUM	LUMP SUM	
56 (S)	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM	LUMP SUM	
57 (S)	206401	MAINTAIN EXISTING IRRIGATION FACILITIES	LS	LUMP SUM	LUMP SUM	
58 (S)	208000	IRRIGATION SYSTEM	LS	LUMP SUM	LUMP SUM	
59 (S)	208304	WATER METER	EA	1		
60 (S)	019364	15" WELDED STEEL PIPE CONDUIT (.250" THICK)	LF	770		

ENGINEER'S ESTIMATE
08-340804

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
181	BLANK					
182	020070	RETAINING WALL STEM (TYPE 6B)	SF	1170		
183	150821	REMOVE HEAD WALL	CY	13		
184	820107	DELINEATOR (CLASS 1)	EA	100		
185	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID: _____

GENERAL DECISION CA000037 09/29/00 CA37
General Decision Number CA000037

Superseded General Decision No. CA990037

State: California

Construction Type:

BUILDING
DREDGING
HEAVY
HIGHWAY

County(ies):

SAN BERNARDINO

BUILDING CONSTRUCTION PROJECTS; DREDGING PROJECTS (does not include hopper dredge work); HEAVY CONSTRUCTION PROJECTS (does not include water well drilling); HIGHWAY CONSTRUCTION PROJECTS

Modification Number	Publication Date
0	02/11/2000
1	04/14/2000
2	04/28/2000
3	06/09/2000
4	06/16/2000
5	07/28/2000
6	08/11/2000
7	08/18/2000
8	08/25/2000
9	09/08/2000
10	09/29/2000

COUNTY(ies):
SAN BERNARDINO

ASBE0005B 01/01/2000		
	Rates	Fringes
INSULATOR/ASBESTOS WORKER		
Includes the application of all insulating materials, protective coverings, coatings, and finishings to all types of mechanical systems	30.46	7.65

ASBE0005Z 10/19/1998		
	Rates	Fringes
ASBESTOS REMOVAL/ HAZARDOUS MATERIAL HANDLER		
Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulating materials from mechanical systems, whether they contain asbestos or not	19.70	4.87

BOIL0092F 10/01/1999		
	Rates	Fringes
BOILERMAKER	29.06	9.81
TUBE WELDER	30.56	9.81

BRCA0004U 05/01/1997		
	Rates	Fringes
BRICKLAYER; MARBLE SETTER	26.22	5.85
MARBLE FINISHER	15.50	1.52

BRCA0018G 06/01/2000		
	Rates	Fringes
TILE SETTERS	25.74	5.82
TILE FINISHERS	16.25	1.25

BRCA0018K 03/01/2000		
	Rates	Fringes
TERRAZZO WORKER	25.78	5.05
TERRAZZO FINISHER	19.83	5.05

CARP0002B 07/01/2000		
	Rates	Fringes
DIVERS:		
Diver, wet	470.08 per day	6.38
Diver, stand-by	235.04 per day	6.38
Diver tender	227.04 per day	6.38

CARP0002Q 07/01/1999

	Rates	Fringes
DRYWALL INSTALLERS:		
Work on wood-framed apartment buildings under 4 stories	19.00	6.33
All other work	25.75	6.33
DRYWALL STOCKER/SCRAPPER	10.00	5.32

CARP0003E 07/01/1998

	Rates	Fringes
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CARPENTERS:

Work on wood frame, tilt up or concrete block construction including but not limited to: shopping centers, stores, office buildings, fast food establishments, also including curb, gutter and sidewalks where the total cost of the project does not exceed seven and one-half million (\$7,500,000.00) dollars.

CARPENTERS:

Carpenter, cabinet installer, insulation installer, floor worker and acoustical installer	22.75	6.28
Shingler	22.88	6.28
Roof loader of shingles	15.42	6.28
Saw filer	22.83	6.28
Table power saw operator	22.85	6.28
Pneumatic nailer or power stapler	23.00	6.28
Fence builder	20.30	6.28
Millwright	23.25	6.28
Pile driver; Derrick barge; Bridge or dock carpenter; Cable splicer; Heavy framer; Rockslinger	22.88	6.28
Head rockslinger	22.98	6.28
Rock barge or scow	22.78	6.28
Scaffold builder	17.00	6.28

All other work:

CARPENTERS:

Carpenter, cabinet installer, insulation installer, floor worker and acoustical installer	24.75	6.28
Shingler	24.88	6.28
Roof loader of shingles	17.42	6.28
Saw filer	24.83	6.28
Table power saw operator	24.85	6.28
Pneumatic nailer or power stapler	25.00	6.28
Fence builder	22.30	6.28
Millwright	25.25	6.28
Pile driver; Derrick barge; Bridge or dock carpenter; Cable splicer; Heavy framer; Rockslinger	24.88	6.28

Head rockslinger	24.98	6.28
Rock barge or scow	24.78	6.28
Scaffold builder	19.00	6.28

FOOTNOTE:

Work of forming in the construction of open cut sewers or storm drains, on operations 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 piledrivers): \$0.13 per hour additional.

 CARP0003H 07/01/1999

	Rates	Fringes
MODULAR FURNITURE INSTALLER	13.08	3.98
LOW WALL MODULAR TECHNICIAN	17.80	3.98
FULL WALL TECHNICIAN	21.88	3.98

 ELEC0011C 01/01/1997

	Rates	Fringes
COMMUNICATIONS AND SYSTEMS WORK:		
Installer	18.03	3%+3.35
Technician	19.78	3%+3.35

SCOPE OF WORK:

Installation, testing, service and maintenance of systems utilizing the transmission and/or transference of voice, sound, vision and digital for commercial, educational, security and entertainment purposes for the following: TV monitoring and surveillance, background-foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multi-media, multiplex, nurse call systems, radio page, school intercom and sound, burglar alarms, fire alarm (see last paragraph below) and low voltage master clock systems in commercial buildings.

Communication Systems that transmit or receive information and/or control systems that are intrinsic to the above listed systems; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding all other data systems or multiple systems which include control function or power supply; excluding installation of raceway systems, conduit systems, line voltage work, and energy management systems.

Does not cover work performed at China Lake Naval Ordnance Test Station.

Fire alarm work shall be performed at the current inside wireman total cost package.

 ELEC0477B 06/05/2000

	Rates	Fringes
ELECTRICIANS:		
Electrician	26.00	3% + 10.15
Cable splicer	26.50	3% + 10.15

Electrician, tunnel work 28.60 3% + 10.15

FOOTNOTE:

ZONE PAY:

Zone (A) 80 road miles from Post Office, 455 Orange Show Lane, San Bernardino, will be a free zone for all contractors.

Zone (B) Any work performed outside Zone (A)'s 80 road miles, shall add \$8.00 per hour to the current wage scale.

ELEC1245A 06/01/2000

	Rates	Fringes
LINE CONSTRUCTION AND OUTSIDE UTILITY TRANSMISSION WORK:		
Line worker; Cable splicer	31.26	4.5% + 7.35
Powder worker	29.70	4.5% + 7.46
Ground person	20.32	4.5% + 7.58
Equipment specialist (operates crawler tractors, commercial motor vehicles, backhoes, trenchers, cranes (50 tons and below), and overhead and underground distribution line equipment)	26.57	4.5% + 7.07
Line worker, welding	32.82	4.5% + 7.53

SCOPE OF WORK:

All outside work on electrical transmission lines, switchyards and substations, and outside work in electrical utility distribution systems owned, maintained and operated by electrical utility companies, municipalities, or governmental agencies.

* ELEV0018A 09/15/2000

	Rates	Fringes
ELEVATOR MECHANIC	32.805	7.195

FOOTNOTE:

Vacation Pay: 8% with 5 or more years of service, 6% for 6 months to 5 years service. Paid Holidays: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Friday after, and Christmas Day.

* ENGI0012C 07/01/2000

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		
GROUP 1	26.25	9.85
GROUP 2	27.03	9.85
GROUP 3	27.32	9.85
GROUP 4	28.21	9.85
GROUP 5	28.43	9.85
GROUP 6	29.53	9.85
GROUP 7	28.54	9.85
GROUP 8	29.64	9.85
GROUP 9	28.66	9.85
GROUP 10	29.76	9.85

GROUP 11	28.83	9.85
GROUP 12	28.93	9.85
GROUP 13	28.96	9.85
GROUP 14	29.04	9.85
GROUP 15	29.16	9.85
GROUP 16	29.33	9.85
GROUP 17	29.43	9.85
GROUP 18	29.54	9.85
GROUP 19	29.66	9.85
GROUP 20	29.83	9.85
GROUP 21	30.93	9.85
GROUP 22	30.04	9.85
GROUP 23	30.16	9.85
GROUP 24	30.83	9.85

CRANES, PILEDIVING & HOISTING EQUIPMENT:

GROUP 1	27.00	9.85
GROUP 2	28.78	9.85
GROUP 3	28.07	9.85
GROUP 4	28.21	9.85
GROUP 5	28.43	9.85
GROUP 6	28.54	9.85
GROUP 7	28.66	9.85
GROUP 8	28.83	9.85
GROUP 9	29.00	9.85
GROUP 10	30.00	9.85
GROUP 11	31.00	9.85
GROUP 12	32.00	9.85
GROUP 13	33.00	9.85

TUNNEL WORK:

GROUP 1	27.50	9.85
GROUP 2	28.28	9.85
GROUP 3	28.57	9.85
GROUP 4	28.71	9.85
GROUP 5	28.93	9.85
GROUP 6	29.04	9.85
GROUP 7	29.16	9.85

FOOTNOTES:

Workers required to suit up and work in a hazardous material environment: \$1.00 per hour additional.

Combination mixer and compressor operator on gunite work shall be classified as a concrete mobile mixer operator.

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Barge, brake, compressor operator, Ditch Witch, with seat or similar type equipment, elevator operator - inside, engineer oiler, generator operator, generator, pump or compressor plant operator, pump operator, signal, switch

GROUP 2: Asphalt-rubber plant operator (nurse tank operator), concrete mixer operator - skip type, conveyor operator, fire person, hydrostatic pump operator, oiler crusher (asphalt or concrete plant), skiploader (wheel type up to 3/4 yd. without attachment), tar pot fire person, temporary heating plant operator, trenching machine oiler

GROUP 3: Asphalt-rubber blend operator, equipment greaser (rack), Ford Ferguson (with dragtype attachments), helicopter radio

(ground), stationary pipe wrapping and cleaning machine operator

GROUP 4: Asphalt plant fire person, backhoe operator (mini-max or similar type), boring machine operator, box or mixer (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), guard rail post driver operator, highline cableway signal, hydra-hammer-aero stomper, power concrete curing machine operator, power concrete saw operator, power-driven jumbo form setter operator, power sweeper operator, roller operator (compacting), screed operator (asphalt or concrete), trenching machine operator (up to 6 ft.)

GROUP 5: Equipment greaser (grease truck/multi-shift)

GROUP 6: Asphalt plant engineer, batch plant operator, bit

sharpeners, concrete joint machine operator (canal and similar type), concrete planer operator, deck engine operator, derrick (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 incidental to building, heavy or highway construction), hydrographic seeder machine operator (straw, pump 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), pavement breaker operator (truck mounted), road oil mixing machine operator, roller operator (asphalt or finish), rubber-tired earth moving 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 yd. 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. flywheel and similar types, up to and including D-5 and similar types), tigger hoist operator (1 drum), ultra high pressure waterjet cutting tool system operator, vacuum blasting machine operator

GROUP 7: Asphalt or concrete spreading operator (tamping or finishing), asphalt paving machine operator (Barber Greene or similar type), asphalt-rubber distribution operator, backhoe operator (up to and including 3/4 yd.), small Ford, Case or similar, cast-in-place pipe laying machine operator, 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, grade checker, gradall operator, grouting machine operator, heavy-duty repair person, heavy equipment robotics operator, Kalamazoo balliste regulator or similar type, Kolman belt loader and similar type, Le Tourneau blob compactor or similar type, loader operator (Athey, Euclid, Sierra and similar

types), pneumatic concrete placing machine operator (Hackley-Presswell or similar type), pumpcrete gun operator, rotary drill operator (excluding caisson type), rubber-tired earth-moving equipment operator (single engine, caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. 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, skiploader operator (crawler and wheel type over 1-1/2 yds. up to and including 6-1/2 yds.), soil remediation plant operator, surface heaters and planer operator, tractor compressor drill combination operator, tractor operator (any type larger than D-5 - 100 flywheel 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), ultra high pressure waterjet cutting tool system mechanic

GROUP 8: Heavy-duty repair person (multi-shift)

GROUP 9: 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 repair-welder combination, 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.), 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 repair person, tractor loader operator (crawler and wheel type over 6-1/2 yds.), Woods mixer operator (and similar Pugmill equipment)

GROUP 10: Heavy-duty repair-welder combination (multi-shift)

GROUP 11: Auto grader operator, automatic slip form 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 175' maximum), hoe ram or similar with compressor, mass excavator operator, 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 12: Rubber-tired earth-moving equipment operator operating equipment with push-pull system (single engine, up to and including 25 yds. struck)

GROUP 13: Canal liner operator, canal trimmer operator, remote-control earth-moving equipment operator (operating a second piece

of equipment: \$1.00 per hour additional), wheel excavator operator

GROUP 14: Rubber-tired earth-moving equipment operator, operating equipment with 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 yds. struck), rubber-tired earth-moving equipment operator, operating equipment with push-pull system (multiple engine - up to and including 25 yds. struck)

GROUP 15: Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (single engine, over 50 yds. struck), rubber-tired earth-moving equipment operator, operating equipment with push-pull system (multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)

GROUP 16: Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (multiple engine, Euclid, Caterpillar and similar, over 50 cu. yds. struck), tandem tractor operator (operating crawler type tractors in tandem - Quad 9 and similar type)

GROUP 17: 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 18: Rotex concrete belt operator (or similar types), 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 engine, up to and including 25 yds. struck)

GROUP 19: Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - single engine, over 50 yds. struck), rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)

GROUP 20: 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 21: Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (single engine, up to and including 25 yds. struck)

GROUP 22: 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 yds. struck), rubber-tired earth-moving equipment operator, operating with the tandem push-pull system (multiple 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, 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 24: Concrete pump operator - truck mounted, rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck)

CRANES, PILEDRIVING AND HOISTING EQUIPMENT CLASSIFICATIONS

GROUP 1: Engineer oiler; Fork lift operator (includes loed, lull or similar types)

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

GROUP 5: 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 operator; Polar gantry crane operator; Shovel, backhoe, dragline, clamshell operator (over 3/4 yd. and up to 5 cu. yds. mrc); Tugger hoist operator

GROUP 7: Pedestal crane operator; Shovel, backhoe, dragline, clamshell operator (over 5 cu. yds. mrc); Tower crane repair; 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, backhoe, dragline, clamshell operator (over 7 cu. yds. mrc)

GROUP 9: Crane operator (over 25 tons and up to and including 50 tons mrc); Derrick barge operator (over 25 tons up to and including 50 tons mrc); Highline cableway operator; Hoist operator, stiff legs, Guy derrick or similar type (over 25 tons up to and including 50 tons mrc); K-crane operator; Polar crane operator

GROUP 10: Crane operator (over 50 tons and up to and including 100 tons mrc); Derrick barge operator (over 50 tons up to and including 100 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 50 tons up to and including 100 tons mrc),

Mobile tower crane operator (over 50 tons, up to and including 100 tons M.R.C.); Tower crane operator and tower gantry

GROUP 11: Crane operator (over 100 tons and up to and including 200 tons mrc); Derrick barge operator (over 100 tons up to and including 200 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 100 tons up to and including 200 tons mrc); Mobile tower crane operator (over 100 tons up to and including 200 tons mrc)

GROUP 12: Crane operator (over 200 tons up to and including 300 tons mrc); Derrick barge operator (over 200 tons up to and including 300 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 200 tons, up to and including 300 tons mrc); Mobile tower crane operator (over 200 tons, up to and including 300 tons mrc)

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); Mobile tower crane operator (over 300 tons)

TUNNEL CLASSIFICATIONS

GROUP 1: Skiploader (wheel type up to 3/4 yd. without attachment)

GROUP 2: Power-driven jumbo form setter operator

GROUP 3: Dinkey locomotive or motorperson (up to and including 10 tons)

GROUP 4: Bit sharpener; Equipment greaser (grease truck); 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)

GROUP 5: Backhoe operator (up to and including 3/4 yd.); Small Ford, Case or similar; Drill doctor; Grouting machine operator; Heading shield operator; Heavy-duty repairperson; 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 6: Heavy-duty repair/welder combination

GROUP 7: Tunnel mole boring machine operator

ENGI0012D 08/01/1999

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		
DREDGING:		
Lever person	31.85	10.35
Dozer operator	28.38	10.35
Welder; Deckmate	28.27	10.35
Winch operator (stern winch on		

dredge)	27.72	10.35
Fire person - oiler; Leveehand; Deckhand; Barge person	27.18	10.35
Barge mate	27.79	10.35

IRON0001R 07/01/2000

	Rates	Fringes
IRONWORKERS:		
Fence erector	23.94	14.375
Ornamental, reinforcing and structural	24.83	14.375

FOOTNOTE:

Work at China Lake Naval Test Station, Edwards Air Force Base, Fort Irwin Military Station, Fort Irwin Training Center - Goldstone, 29 Palms - Marine Corps, U.S. Marine Base - Barstow: \$3.00 per hour additional.

Work at Yermo Marine Corps Logistics Center: \$2.00 per hour additional.

LABO0001B 07/01/1999

	Rates	Fringes
BRICK TENDER	18.43	9.44

LABO0002H 07/01/1999

	Rates	Fringes
LABORERS:		
GROUP 1	18.18	9.49
GROUP 2	18.58	9.49
GROUP 3	18.78	9.49
GROUP 4	19.83	9.49
GROUP 5	20.03	9.49

TUNNEL LABORERS:

GROUP 1	21.09	9.49
GROUP 2	21.21	9.49
GROUP 3	21.37	9.49
GROUP 4	21.65	9.49

GUNITE LABORERS:

GROUP 1	20.89	11.43
GROUP 2	19.94	11.43
GROUP 3	16.40	11.43

HOUSEMOVERS (ONLY WHERE HOUSEMOVING IS INCIDENTAL TO A CONSTRUCTION CONTRACT):

Housemover	15.50	8.38
Yard maintenance person	15.25	8.38

FOOTNOTE:

GUNITE PREMIUM PAY:

Workers working from a Bosn'n's Chair or suspended from a rope or cable shall receive 40 cents per hour above the foregoing applicable classification rates.

Workers doing gunite and/or shotcrete work in a tunnel shall receive 35 cents per hour above the foregoing applicable classification rates, paid on a portal-to-portal basis.

Any work performed on, in or above any smoke stack, silo,

storage elevator or similar type of structure, when such structure is in excess of 75'-0" above base level and which work must be performed in whole or in part more than 75'-0" above base level, that work performed above the 75'-0" level shall be compensated for at 35 cents per hour above the applicable classification wage rate.

LABORER CLASSIFICATIONS

GROUP 1: Cleaning and handling of panel forms; Concrete screeding for rough strike-off; Concrete, water curing; Demolition laborer, the cleaning of brick if performed by a worker performing any other phase of demolition work, and the cleaning of lumber; Fire watcher, limber, brush loader, piler and debris handler; Flag person; Gas, oil and/or water pipeline laborer; Laborer, asphalt-rubber material loader; Laborer, general or construction; Laborer, general clean-up; Laborer, landscaping; Laborer, jetting; Laborer, temporary water and air lines; Material hose operator (walls, slabs, floors and decks); Plugging, filling of shee bolt holes; Dry packing of concrete; Railroad maintenance, repair track person and road beds; Streetcar and railroad construction track laborers; Rigging and signaling; Scaler; Slip form raiser; Slurry seal crew (mixer operator, applicator operator, squeegee person, shuttle person, top person), filling of cracks by any method on any surface; Tar and mortar; Tool crib or tool house laborer; Traffic control by any method; Window cleaner; Wire mesh pulling - all concrete pouring operations

GROUP 2: Asbestos abatement; Asphalt shoveler; Cement dumper (on 1 yd. or larger mixer and handling bulk cement); Cesspool digger and installer; Chucktender; Chute handler, pouring concrete, the handling of the chute from readymix trucks, such as walls, slabs, decks, floors, foundation, 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 person; Guinea chaser; Headerboard person - asphalt; Laborer, packing rod steel and pans; Membrane vapor barrier installer; Power broom sweeper (small); Riprap stonepaver, placing stone or wet sacked concrete; Roto scraper and tiller; Sandblaster (pot tender); Septic tank digger and installer (lead); Tank scaler and cleaner; Tree climber, faller, chain saw operator, Pittsburgh chipper and similar type brush shredder; Underground laborer, including caisson bellower

GROUP 3: Buggymobile person; 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-in. pipe and over, by any method, inside and out; High scaler (including drilling of same); Hydro seeder and similar type; Impact wrench multi-plate; Kettle person, pot person and workers applying asphalt, lay-kold, creosote, lime caustic and similar type materials ("applying" means applying, dipping, brushing or handling of such materials for pipe wrapping and waterproofing); Operator of pneumatic, gas, electric tools, vibrating machine, pavement breaker, air blasting, come-alongs, and similar mechanical tools not separately classified herein; Pipelayer's backup person, coating, grouting, making of joints,

sealing, caulking, diapering and including rubber gasket joints, pointing and any and all other services; Rock slinger; Rotary scarifier or multiple head concrete chipping scarifier; Steel headerboard and guideline setter; Tamper, Barko, Wacker and similar type; Trenching machine, hand-propelled

GROUP 4: Asphalt raker, lute person, ironer, asphalt dump person, and asphalt spreader boxes (all types); Concrete core cutter (walls, floors or ceilings), grinder or sander; Concrete saw person, cutting walls or flat work, scoring old or new concrete; Cribber, shorer, lagging, sheeting and trench bracing, hand-guided lagging hammer; Head rock slinger; Laborer, asphalt-rubber distributor boot person; Laser beam in connection with laborers' work; Oversize concrete vibrator operator, 70 lbs. and over; Pipelayer performing all services in the laying and installation of pipe from the point of receiving pipe in the ditch until completion of operation, including any and all forms of tubular material, whether pipe, metallic or non-metallic, conduit and any other stationary type of tubular device used for the conveying of any substance or element, whether water, sewage, solid gas, air, or other product whatsoever and without regard to the nature of material from which the tubular material is fabricated; No-joint pipe and stripping of same; Prefabricated manhole installer; Sandblaster (nozzle person), water blasting, Porta Shot-Blast; Welding in connection with laborers' work

GROUP 5: Blaster powder, all work of loading holes, placing and blasting of all powder and explosives of whatever type, regardless of method used for such loading and placing; Driller: All power drills, excluding jackhammer, whether core, diamond, wagon, track, multiple unit, and any and all other types of mechanical drills without regard to the form of motive power; Toxic waste removal

TUNNEL LABORER CLASSIFICATIONS

GROUP 1: Batch plant laborer; Bull gang mucker, track person; Changehouse person; Concrete crew, including rodder and spreader;

Dump person; Dump person (outside); Swamper (brake person and switch person on tunnel work); Tunnel materials handling person

GROUP 2: Chucktender, cabletender; Loading and unloading agitator cars; Nipper; Pot tender, using mastic or other materials (for example, but not by way of limitation, shotcrete, etc.); Vibrator person, jack hammer, pneumatic tools (except driller)

GROUP 3: Blaster, driller, powder person; Chemical grout jet person; Cherry picker person; Grout gun person; Grout mixer person; Grout pump person; Jackleg miner; Jumbo person; Kemper and other pneumatic concrete placer operator; Miner, tunnel (hand or machine); Nozzle person; Operating of troweling and/or grouting machines; Powder person (primer house); Primer person; Sandblaster; Shotcrete person; Steel form raiser and setter; Timber person, retimber person, wood or steel; Tunnel Concrete finisher

GROUP 4: Diamond driller; Sandblaster; Shaft and raise work

GUNITE LABORER CLASSIFICATIONS

GROUP 1: Nozzle person and rod person

GROUP 2: Gun person

GROUP 3: Rebound person

LABO0783D 07/01/1999

	Rates	Fringes
PLASTERER TENDERS:		
Fort Irwin, George Air Force Base, Marine Corps Air Station 29 Palms, Marine Corps Logistics Supply Base:		
Plasterer tender	23.26	9.80
Plaster clean-up laborer	20.92	9.80
Remainder of San Bernardino County:		
Plasterer tender	20.26	9.80
Plaster clean-up laborer	17.43	9.80

FOOTNOTE:

Machine plaster tender: \$1.00 per hour additional.

LABO0882A 09/01/1998

	Rates	Fringes
ASBESTOS REMOVAL LABORER	10.37	3.76

SCOPE OF WORK: includes site mobilization, initial site clean-up, site preparation, removal of asbestos-containing material and

toxic waste (including lead abatement and any other toxic materials), encapsulation, enclosure and disposal of asbestos-containing materials and toxic waste (including lead abatement and any other toxic materials) by hand or with equipment or machinery; scaffolding, fabrication of temporary wooden barriers, and assembly of decontamination stations.

* LABO1184A 08/01/2000

	Rates	Fringes
LABORERS - STRIPING:		
GROUP 1	19.60	5.42
GROUP 2	20.15	5.42
GROUP 3	21.97	5.42
GROUP 4	23.22	5.42

LABORERS - STRIPING CLASSIFICATIONS

GROUP 1: Protective coating, pavement sealing, including repair and filling of cracks by any method on any surface in parking lots, game courts and playgrounds; carstops; operation of all related machinery and equipment; equipment repair technician

GROUP 2: Traffic surface abrasive blaster; pot tender - removal of all traffic lines and markings by any method (sandblasting, waterblasting, grinding, etc.) and preparation of surface for coatings. Traffic control person: controlling and directing traffic through both conventional and moving lane closures; operation of all related machinery and equipment

GROUP 3: Traffic delineating device applicator: Layout and application of pavement markers, delineating signs, rumble and traffic bars, adhesives, guide markers, other traffic delineating devices including traffic control. This category includes all traffic related surface preparation (sandblasting, waterblasting, grinding) as part of the application process. Traffic protective delineating system installer: removes, relocates, installs, permanently affixed roadside and parking delineation barricades, fencing, cable anchor, guard rail, reference signs, monument markers; operation of all related machinery and equipment; power broom sweeper

GROUP 4: Striper: layout and application of traffic stripes and markings; hot thermo plastic; tape traffic stripes and markings, including traffic control; operation of all related machinery and equipment

PAIN0036A 08/01/2000

	Rates	Fringes
PAINTER (includes lead abatement):		
Work on service stations and and car washes; Small new commercial work (defined as construction up to and		
including 3 stories in height, such as small shopping centers, small stores, small office buildings and small food establishments); Small new industrial work (defined as light metal buildings, small warehouses, small storage facilities and tilt-up buildings); Repaint work (defined as repaint of any structure with the exception of work involving the aerospace industry, breweries, commercial recreational facilities, hotels which operate commercial establishments as part of hotel service, and sports facilities); Tenant improvement work (defined as tenant improvement work not included in conjunction with the construction of the building, and all repainting of tenant improvement projects	20.75	5.52
All other work	24.02	5.52

PAIN0036H 10/01/1999

	Rates	Fringes
DRYWALL FINISHERS:		
Work on wood frame structures	18.00	3.71
All other work	24.33	6.88

PAIN0636B 06/01/1999

	Rates	Fringes
GLAZIER	26.10	7.23

FOOTNOTES:

Work in a condor, from the third (3rd) floor and up: \$1.25 per hour additional.

Work on the outside of the building from a swing stage or any suspended contrivance, from the ground up: \$1.25 per hour additional.

PAIN1247B 01/01/2000

	Rates	Fringes
SOFT FLOOR LAYER	24.95	6.22

PLAS0200D 08/06/1997

	Rates	Fringes
PLASTERER	24.13	4.04

PLAS0500B 07/01/1999

	Rates	Fringes
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CEMENT MASONS:

Work on projects where the total permit value of the general and all subcontracts is \$12 million or less:

Cement Mason; curb and gutter machine; Clary and similar type of screed operator (cement only); grinding machine (all types); Jackson vibratory, Texas screed and similar type screed operator; scoring machine operator	18.85	8.83
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Cement mason (magnesite, magnesite - terrazzo and mastic composition, epoxy, urethanes and exotic coatings, Dex-O-Tex)	18.97	8.83
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Cement mason, floating and troweling machine operator	19.10	8.83
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All other work:

Cement mason; curb and gutter machine operator; Clary and similar type of screed operator (cement only); grinding machine (all types); Jackson vibratory, Texas screed and similar type screed operator; scoring machine operator	20.81	10.83
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Cement mason (magnesite,

magnesite - terrazzo and mastic composition, epoxy, urethanes and exotic coatings, Dex-O-Tex)	20.93	10.83
Cement Mason - floating and troweling machine operator	21.06	10.83

FOOTNOTE:

Work on a swinging stage, bosun chair, or suspended scaffold,
whether swinging or rigid, above or below ground: \$0.25 per hour
additional.

PLUM0016B 07/01/1998		
	Rates	Fringes
PLUMBER; STEAMFITTER:		
Work on strip malls, light commercial, tenant improvement and remodel work	20.36	8.35
Work on new additions and remodeling of bars, restaurants, stores and commercial buildings, not to exceed 5,000 sq. ft. of floor space	24.69	10.47
All other work: Fort Irwin Army Base, Marine Corps Logistic Base at Nebo, Marine Corps Logistic Base at Yermo and Twenty-Nine Palms Marine Base	29.03	11.02
George Air Force Base	27.78	11.02
Remainder of County	25.53	11.02
SEWER AND STORM DRAIN WORK	17.29	10.02

PLUM0345A 07/01/1999		
	Rates	Fringes
LANDSCAPE & IRRIGATION FITTER	24.23	6.80

PLUM0364A 03/09/1998		
	Rates	Fringes
REFRIGERATION & AIR CONDITIONING	24.98	6.34

ROOF0146A 09/01/1994		
	Rates	Fringes
ROOFERS	18.78	8.25

SFCA0669I 04/01/1999		
	Rates	Fringes
DOES NOT INCLUDE THE NORTHERN PART OF THE CITY OF CHINO, OR THE CITIES OF MONTCLAIR OR ONTARIO:		
SPRINKLER FITTER (FIRE)	23.00	6.40

SFCA0709D 09/01/2000

THE NORTHERN PART OF THE CITY OF CHINO, AND THE CITIES OF
MONTCLAIR AND ONTARIO:

	Rates	Fringes
SPRINKLER FITTER (FIRE)	30.83	10.40

* SHEE0102B 08/01/2000

COMMERCIAL SHEET METAL WORKER:

	Rates	Fringes
Work on all commercial HVAC for creature comfort and computers clean rooms, architectural metals, metal roofing and lagging, over insulation	28.61	9.62

* SHEE0102C 08/01/2000

INDUSTRIAL SPECIALTIES SHEET METAL WORKER:

	Rates	Fringes
Work on all air pollution control systems, noise abatement panels, blow pipe, air-veyor systems, dust collecting, baghouses, heating, air conditioning, and ventilating (other than creature comfort) and all other industrial work, including metal insulated ceilings	25.21	12.82

TEAM0011I 07/01/1999

EDWARDS AFB, FORT IRWIN, GEORGE AFB, MARINE CORPS LOGISTIC BASE
AT NEBO & YERMO, TWENTY-NINE PALMS BASE

TRUCK DRIVERS:

	Rates	Fringes
GROUP 1	22.19	11.89
GROUP 2	22.34	11.89
GROUP 3	22.47	11.89
GROUP 4	22.66	11.89
GROUP 5	22.60	11.89
GROUP 6	22.72	11.89
GROUP 7	22.97	11.89
GROUP 8	23.22	11.89
GROUP 9	23.42	11.89
GROUP 10	23.72	11.89
GROUP 11	24.22	11.89

REMAINDER OF COUNTY:

	Rates	Fringes
GROUP 1	20.19	11.89
GROUP 2	20.34	11.89
GROUP 3	20.47	11.89
GROUP 4	20.66	11.89
GROUP 5	20.60	11.89
GROUP 6	20.72	11.89
GROUP 7	20.97	11.89
GROUP 8	21.22	11.89

GROUP 9	21.42	11.89
GROUP 10	21.72	11.89
GROUP 11	22.22	11.89

TRUCK DRIVER CLASSIFICATIONS

GROUP 1: Truck driver

GROUP 2: Driver of vehicle or combination of vehicles - 2 axles; Traffic control pilot car excluding moving heavy equipment permit load; Truck-mounted broom

GROUP 3: Driver of vehicle or combination of vehicles - 3 axles; Boot person; Cement mason distribution truck; Fuel truck driver; Water truck - 2 axle; Dump truck, less than 16 yds. water level; Erosion control driver

GROUP 4: Driver of transit mix truck, under 3 yds.; Dumpcrete truck, less than 6-1/2 yds. water level

GROUP 5: Water truck, 3 or more axles; Truck greaser and tire person (\$0.50 additional for tire person); Pipeline and utility working truck driver, including winch truck and plastic fusion, limited to pipeline and utility work; Slurry truck driver

GROUP 6: Transit mix truck, 3 yds. or more; Dumpcrete truck, 6-1/2 yds. water level and over; Vehicle or combination of vehicles - 4 or more axle; Oil spreader truck; Dump truck, 16 yds. to 25 yds. water level

GROUP 7: A Frame, Swedish crane or similar; Forklift driver; Ross carrier driver

GROUP 8: Dump truck, 25 yds. or more water level; Truck repair person; Water pull - single engine; Welder

GROUP 9: Truck repair person/welder; Low bed driver, 9 axles or over

GROUP 10: Dump truck - 50 yds. or more water level; Water pull - single engine with attachment

GROUP 11: Water pull - twin engine; Water pull - twin engine with attachments; Winch truck driver - \$1.25 additional when operating winch or similar special attachments

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.
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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(v)).

In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.
END OF GENERAL DECISION