

CITY COUNCIL MEETING
OCTOBER 17, 1984

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CC45a

PLANS AND SPECS
FOR "MISSION
STREET WATER
MAIN AND STORM
DRAIN" APPROVED

COUNCIL APPROVED THE PLANS AND SPECIFICATIONS FOR "MISSION
STREET WATER MAIN AND STORM DRAIN" AND AUTHORIZED THE CITY
CLERK TO ADVERTISE FOR BIDS THEREON.



CITY OF LODI

PUBLIC WORKS DEPARTMENT

COUNCIL COMMUNICATION

TO: City Council

Project Data

FROM: City Manager

Approved in F.Y. Budget: 84/85

DATE: October 11, 1984

Fund: Community Development Block Grant

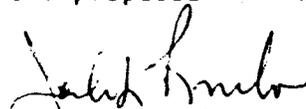
SUBJECT: Mission Street Water Main
and Storm Drain

Total Project Estimate: \$ 41,000.00

Bid Opening Date: November 14, 1984

RECOMMENDED ACTION: Approve the plans and specifications for the above project and authorize advertisement for bids thereon.

BACKGROUND INFORMATION: This project is a portion of the work required to complete the proposed Well #6 at Blakely Park.


Jack L. Ronsko
Public Works Director

cc: Assistant Finance Director

JLR:RCP:cag

APPROVED:

FILE NO.

HENRY A. GLAVES, City Manager

PLANS AND SPECIFICATIONS
FOR
MISSION STREET WATERMAIN
AND STORM DRAIN
Stockton Street to
Washington Street

C I T Y O F L O D I

PUBLIC WORKS DEPARTMENT

PLANS AND SPECIFICATIONS
FOR
MISSION STREET WATERMAIN
AND STORM DRAIN
Stockton Street to
Washington Street

October 1984

SET NO. 1

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FOR
SPECIFICATIONS

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SECTION 1
NOTICE INVITING BIDS

MISSION STREET WATERMAIN AND STORM DRAIN
Stockton Street to Washington Street

CITY OF LODI, CALIFORNIA

Sealed proposals will be received by the Purchasing Agent, Lodi City Hall, 221 W. Pine Street, Call Box 3006, Lodi, CA 95241-1910, until 11:00 A.M. on Wednesday, November 14, 1984. At this time, the proposals will be publicly opened and read in the Council Chambers for performing the following described work.

The work consists of furnishing and installing approximately 173 LF 12", 472 LF 10", and 25 LF 6" watermains, complete with valves; 6 LF of 18", 38 LF of 15", and 259 LF of 12" storm drain, including tying into existing manhole; catch basin; and construction of manhole, catch basin, and storm drain riser. The work shall also consist of removal of existing storm drain pipe, manhole, catch basin and miscellaneous concrete, and construction of curb, gutter and sidewalk and other incidental and related work, all as shown on the plans and specifications for the above project.

The work to be performed shall be completed within 60 calendar days after both parties have signed the contract, and the Contractor shall begin work within ten (10) days after the contract date.

In accordance with the provisions of Section 1770 to 1778 of the Labor Code of the State of California, the City of Lodi has ascertained that the general rate of per diem wages and wage rate for holidays and overtime applicable to the locality in which the work is to be done are as set forth in Resolution No. 4222 of the City of Lodi, copies of which are on file in the office of the City Clerk.

If a craft or classification used on the project is not shown on the wage determination, the Contractor may be required to pay the wage rate of that craft or classification most closely related to it, as shown in the general determinations.

The City of Lodi hereby notifies all bidders that it will affirmatively insure that, in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, sex or national origin in consideration for an award.

For any moneys earned by the Contractor and withheld by the City of Lodi to ensure the performance of the contract, the Contractor may, at Contractor's request and expense, substitute securities equivalent to the amount withheld in the form and manner and

subject to the conditions provided in Chapter 13 (commencing with Section 4590), Division 5, Title 1 of the Government Code of the State of California.

The Contract Documents are available at the office of the City Engineer, Public Works Department, City Hall, 221 W. Pine Street, Call Box 3006, Lodi, California 95241-1910, telephone (209) 333-6706.

Minimum wage rates for this project as predetermined by the Secretary of Labor are set forth in the Federal Register on file in the office of the City Clerk. If there is a difference between the minimum wage rates predetermined by the Secretary of Labor and the prevailing wage rates set forth in Resolution No. 4222 for similar classifications of labor, the Contractor and his/her subcontractors shall pay not less than the higher wage rate.

The project is funded by Federal Community Development Block Grant Funds. The Contractor shall submit copies of weekly payroll.

No bid will be considered unless it is submitted on a proposal form furnished by the City of Lodi.

The City Council reserves the right to reject any or all bids and to waive any irregularity in the completion of such forms.

By Order of the City Council

ALICE M. REINCHE
City Clerk

2.100 BID OPENING

The Purchasing Agent will receive sealed bids at Lodi City Hall, 221 West Pine Street, Lodi, California, 95240, until the time for opening bids as noted in the "Notice Inviting Bids." Bidders or their authorized agents are invited to be present.

The Proposal shall be submitted as directed in the "Notice Inviting Bids" under sealed cover plainly marked as a proposal, and identifying the project to which the proposal relates and the date of the bid opening therefor. Proposals which are not properly marked may be disregarded. Only Proposals actually received by the Purchasing Agent by the time set for the bid opening will be accepted.

2.200 EXAMINATION OF CONTRACT DOCUMENTS AND SITE OF WORK

The Bidder is required to examine carefully the site, Information to Bidders, Bid Proposal, Contract, General Provisions, Special Provisions and the plans for the work contemplated, and it will be assumed that the Bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality and quantities of work to be performed and materials to be furnished and as to the requirements of the General Provisions, the Special Provisions and the Contract. It is mutually agreed that submission of a bid proposal shall be considered prima facie evidence that the bidder has made such examination.

2.300 REGISTRATION OF CONTRACTORS

Before submitting bids, contractors shall be licensed in California in accordance with the provisions of Chapter 9 of Division III of the Business and Professions Code.

2.400 PROPOSAL FORM

All proposals must be made on the forms provided with this set of specifications. All proposals must be signed by the Bidder, and other appropriate information provided.

2.500 REJECTION OF PROPOSALS CONTAINING ALTERATIONS,
ERASURES OR IRREGULARITIES

Proposals may be rejected if they show any alterations of form, additions not called for, conditional or alternative bids, incomplete bids, erasures or irregularities of any kind.

The right is reserved to reject any and all proposals.

2.600 BIDDER'S GUARANTEE

All bids shall be presented under sealed cover and shall be accompanied by cash, cashier's check, certified check, or bidder's bond, made payable to the City of Lodi, for an amount equal to at least ten percent (10%) of the amount of said bid, and no bid shall be considered unless such cash, cashier's check, certified check or bidder's bond is enclosed therewith.

All bidder's guarantees will be returned to the respective bidders after the contract has been awarded, except for those bid guarantees of bidders who may be given further consideration if the low bidder does not elect to execute the contract. After the award, if the Contractor awarded the bid does not execute the contract, the bidder's guarantee will be forfeited. All bidder guarantees of unsuccessful bidders will be returned upon receiving the executed contract.

2.700 DESIGNATION OF THE SUBCONTRACTOR

Any subcontractor doing work in excess of one-half of one percent ($\frac{1}{2}\%$) of the total contract price shall be designated on the form provided in accordance with Section 4100, et. seq., of the Government Code.

2.800 AWARD OF CONTRACT

The award of the contract, if it be awarded, will be to the lowest responsible Bidder whose bid proposal complies with all the requirements described.

Where alternate bids are received, the City Council reserves the right to select the bid most advantageous to the City. The award, if made, will be made within thirty (30) days after the opening of the bids. All bids will be compared on the basis of the Engineer's Estimate of quantities of work to be done.

2.900 EXECUTION OF CONTRACT

The contract shall be signed by the successful Bidder and returned, together with the contract bonds, within ten (10) days, not including Sundays, after the Bidder has received notice that the contract has been awarded. No proposal shall be considered binding upon the City until the execution of the contract.

Failure to execute a contract and file acceptable bonds as provided herein within ten (10) days, not including Sundays, after the Bidder has received notice that the contract has been awarded shall be just cause for the annulment of the award and the forfeiture of the proposal deposit.

2.1000 CONTRACT BONDS

The Contractor shall furnish two good and sufficient bonds:

1. A faithful performance bond in the amount of one hundred percent (100%) of the contract price; and
2. A labor and materials bond in the amount of fifty percent (50%) of the contract price.

These bonds will be required at the time the signed contract is returned to the City.

2.1100 NOTIFICATION OF SURETY COMPANIES

The surety companies shall familiarize themselves with all the provisions and conditions of the contract. It is understood and agreed that they waive the right of special notification of any modifications or alterations, omissions or reductions, extra or additional work, extensions of time or any other act or acts by the City of Lodi or its authorized agents under the terms of the contract; and failure to so notify the surety companies of such changes shall in no way relieve the surety or sureties of their obligations under this contract.

2.1200 INSURANCE CERTIFICATE

The Contractor shall furnish a certificate of insurance to the City of Lodi in accordance with Section 5.413, "Public Liability and Property Damage Insurance", and Section 5.414, "Compensation Insurance", of the General Provisions at the time the signed contract is returned to the City.

2.1300 WORKER'S COMPENSATION INSURANCE

The Contractor shall carry full Worker's Compensation Insurance coverage for all persons employed in carrying out the work, including subcontractor's employees, under this contract in accordance with the "Worker's Compensation and Insurance Act", Division IV of the Labor Code of the State of California and any acts amendatory thereof.

MISSION STREET WATERMAIN AND STORM DRAIN
Stockton Street to Washington Street

CITY OF LODI, CALIFORNIA

Date:

To the Lodi City Council
Lodi City Hall
221 N. Pine Street
Call Box 3006
Lodi, CA 95241-1910

The undersigned declares that the site has been carefully examined, Information to Bidders, Contract, General Provisions, Special Provisions and the Plans for the construction of various items required for the above-named project and submits this schedule of prices for the items of his bid.

If awarded the Contract, the undersigned agrees to furnish all labor, material and equipment necessary to complete said work for this project, excepting those items supplied by the City of Lodi, in strict accordance with the Plans, Information to Bidders, General Provisions, Special Provisions and Contract form adopted for the same and the requirements under them of the Engineer, and will take in full payment therefor the following unit and total prices, to-wit:

Perform the work necessary to install watermains and storm drains, and other incidental and related work, all as shown on the plans and specifications for "MISSION STREET WATERMAIN AND STORM DRAIN, Stockton Street to Washington Street."

BID ITEMS

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>EST'D. QTY.</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
1.	12" watermain	LF	173	\$ _____	\$ _____
2.	10" watermain	LF	427	\$ _____	\$ _____
3.	6" watermain	LF	25	\$ _____	\$ _____
4.	10" water valve	EA	2	\$ _____	\$ _____
5.	6" water valve	EA	1	\$ _____	\$ _____
6.	18" storm drain	LF	259	\$ _____	\$ _____
7.	15" storm drain	LF	6	\$ _____	\$ _____
8.	12" storm drain	LF	38	\$ _____	\$ _____
9.	48" manhole	EA	1	\$ _____	\$ _____
10.	Side inlet catch basin	EA	1	\$ _____	\$ _____
11.	Storm drain riser	EA	1	\$ _____	\$ _____
12.	Rolled curb, gutter and sidewalk	LF	12	\$ _____	\$ _____
13.	Square-type curb, gutter and sidewalk	LF	6	\$ _____	\$ _____
14.	Commercial curb, gutter and driveway	LF	22	\$ _____	\$ _____
15.	Excavation safety	LS	LS	Lump sum	
TOTAL BASE BID				\$ _____	

The undersigned agrees that if this Bid Proposal is accepted, at the time of the signing of the contract, two good and sufficient bonds will be furnished: one in the amount of 100 percent of the contract price for faithful performance of all the terms and covenants and conditions of the contract; the other in the amount of 50 percent of the contract price to guarantee the payment for labor and materials used in performing the work embraced under this contract.

All bidder's guarantees will be returned to the respective bidders after the contract has been awarded, except for those bid guarantees of bidders who may be given further consideration if the low bidder does not elect to execute the contract. After the award, if the Contractor awarded the bid does not execute the contract, the bidder's guarantee will be forfeited. All bidder guarantees of unsuccessful bidders will be returned upon receiving the executed contract. Accompanying this Bid Proposal is (insert the words "Cash," "Certified Check," "Cashier's Check," or "Bidder's Bond," as the case may be) payable to the City of Lodi in the amount equal to at least ten percent (10%) of the total bid, which is to be deposited with the City of Lodi as required.

The undersigned further agrees that in case of default in executing the required contract, together with the necessary bonds, within ten (10) days, not including Sundays, after receiving the contract for signature, the proceeds of the deposit accompanying the bid shall become the property of the City of Lodi, California, and this Bid Proposal and the acceptance thereof may be considered null and void. However, if the undersigned shall execute the contract and furnish the bonds required within the time aforesaid, the deposit shall be returned forthwith.

It is understood that no verbal agreement or conversation with any officer, agent or employee of the City, either before or after the execution of the Contract, shall affect or modify any of the terms or obligations of this Bid Proposal.

It is understood that the City will not be responsible for any errors or omissions on the part of the undersigned in making up the bid, nor will bidders be released on account of errors.

The undersigned declares that the only person or persons interested in this proposal as principal or principals is or are the undersigned, and that no person other than the undersigned has any interest in this Bid Proposal or in the contract proposed to be taken; that this proposal is made without any connection with any other person or persons making a bid or proposal for the same purpose; that the proposal is in all respects fair and in good faith and without collusion or fraud; that no City Officer, either elected or appointed, and no City Employee is, shall be or become directly or indirectly interested as principal or principals in this Bid Proposal or in the contract proposed to be made, or in the supplies, work or business to which it relates or in any portions of the profits thereof.

The following information is furnished relative to each subcontractor who will perform work or labor or render services to the undersigned in and about the construction of the project in an amount in excess of one-half of one percent ($\frac{1}{2}\%$) of the total amount of this bid. The undersigned agrees that any portions of the work in excess of one-half of one percent ($\frac{1}{2}\%$) of the total amount of this bid and for which no subcontractor is designated herein, will be performed by the undersigned.

Name of Subcontractor	Address	Description of Work
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

The Undersigned is licensed in accordance with the laws of the State of California, License No. _____.

Bidder

Dated: _____, 19__

Authorized Signature

Title

TYPE OF ORGANIZATION
Individual, Partnership or Corpora-
tion

(Affix corporate seal if
Corporation)

Address

(_____) _____
Telephone Number

MISSION STREET WATERMAIN AND STORM DRAIN
Stockton Street to Washington Street

CITY OF LODI, CALIFORNIA

THIS CONTRACT made on _____ by and between the
City of Lodi, State of California, herein referred to as the
"City," and _____, herein
referred to as the "Contractor."

W I T N E S S E T H:

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

The complete Contract consists of the following documents which are
incorporated herein by this reference, to-wit:

Notice Inviting Bids
Information to Bidders
General Provisions
Special Provisions
Bid Proposal
Contract
Contract Bonds
Plans

The July 1984 Edition
Standard Specifications,
State of California
Business and Transportation
Agency
Department of Transportation

All of the above documents, sometimes hereinafter referred to as
the "Contract Documents," are intended to cooperate so that any
work called for in one and not mentioned in the other is to be
executed the same as if mentioned in all said documents.

ARTICLE I - That for and in consideration of the payments and
agreements hereinafter mentioned, to be made and performed by the
City and under the condition expressed in the two bonds bearing
even date with these presents and hereunto annexed, and Contractor
agrees with the City, at Contractor's cost and expense, to do all
the work and furnish all the materials except such as are mentioned
in the specifications to be furnished by the City, necessary to
construct and complete in a good workmanlike and substantial manner
and to the satisfaction of the City the proposed improvements as
shown and described in the Contract Documents which are hereby made
a part of the Contract.

ARTICLE II - The City hereby promises and agrees with the Contractor to employ, and does hereby employ, the Contractor to provide all materials and services not supplied by the City and to do the work according to the terms and conditions for the price herein, and hereby contracts to pay the same as set forth in Section 5.600, "Measurement, Acceptance and Payment," of the General Provisions, in the manner and upon the conditions above set forth; and the said parties for themselves, their heirs, executors, administrators, successors and assigns, do hereby agree to the full performance of the covenants herein contained.

ARTICLE III - And the Contractor agrees to receive and accept the following prices as full compensation for furnishing all materials and for doing all the work contemplated and embraced in this agreement; also for all loss or damage arising out of the nature of the work aforesaid or from the action of the elements, or from any unforeseen difficulties or obstructions which may arise or be encountered in the prosecution of the work until its acceptance by the City, and for all risks of every description connected with the work; also for all expenses incurred by or in consequence of the suspension or discontinuance of work and for well and faithfully completing the work, and the whole thereof; in the manner and according to the Plans and Contract Documents and the requirements of the Engineer under them, to-wit:

Perform the work necessary to install watermains and storm drains, and other incidental and related work, all as shown on the plans and specifications for "MISSION STREET WATERMAIN AND STORM DRAIN, Stockton Street to Washington Street."

BID ITEMS

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>EST'D. QTY.</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
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6.	18" storm drain	LF	259	\$ _____	\$ _____
7.	15" storm drain	LF	6	\$ _____	\$ _____
8.	12" storm drain	LF	38	\$ _____	\$ _____
9.	48" manhole	EA	1	\$ _____	\$ _____
10.	Side inlet catch basin	EA	1	\$ _____	\$ _____
11.	Storm drain riser	EA	1	\$ _____	\$ _____
12.	Rolled curb, gutter and sidewalk	LF	12	\$ _____	\$ _____
13.	Square-type curb, gutter and sidewalk	LF	6	\$ _____	\$ _____
14.	Commercial curb, gutter and driveway	LF	22	\$ _____	\$ _____
15.	Excavation safety	LS	LS	Lump sum	
TOTAL BASE BID				\$ _____	

ARTICLE IV - By my signature hereunder, as Contractor, I certify that I am aware of the provisions of Section 3700 of the Labor Code, which requires every employer to be insured against liability for workmen's compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.

ARTICLE V - It is further expressly agreed by and between the parties hereto that, should there be any conflict between the terms of this instrument and the Bid Proposal of the Contractor, then this instrument shall control and nothing herein shall be considered as an acceptance of the said terms of said proposal conflicting herewith.

ARTICLE VI - The City is to furnish the necessary rights-of-way and easements and to establish lines and grades for the work as specified under the Special Provisions. All labor or materials not mentioned specifically as being done by the City will be supplied by the Contractor to accomplish the work as outlined in the specifications.

ARTICLE VII - The Contractor agrees to commence work pursuant to this contract within ten (10) calendar days from the date of execution hereof, and to diligently prosecute the same to completion within 60 calendar days from the date of execution of this contract.

IN WITNESS WHEREOF, the parties to these presents have hereunto set their hands the year and date first above written.

CONTRACTOR:

CITY OF LODI

By: _____
Mayor

By: _____

Attest:

Title

City Clerk

(CORPORATE SEAL)

SECTION 5
GENERAL PROVISIONS

5.100 SCOPE OF WORK

5.101 Work to be Done The work to be done consists of furnishing all labor, materials, methods and processes, implements, tools, and machinery, except as otherwise specified, which are necessary and required to construct and complete the work designated in these specifications and improvement plans, and to leave the grounds in a neat condition.

5.102 Alterations By mutual consent in writing of the parties signatory to the contract, alterations or deviations, increases or decreases, additions or omissions, in the plans and specifications, may be made and the same shall in no way affect or make void the contract.

The City of Lodi reserves the right to increase or decrease the quantity of any item or portion of the work, or to omit portions of the work as may be deemed necessary or expedient by the City Engineer.

5.103 Extra Work New and unforeseen work will be classed as extra work when such work cannot be covered by any of the various items for which there is a contract bid price.

The Contractor shall do no extra work except upon a written change order from the City Engineer. For such extra work the Contractor shall receive payment as previously agreed upon in the change order or as provided in Section 5.603, "Extra Work" of these General Provisions.

5.104 Cleaning Up The Contractor shall not allow the site of the work to become littered with trash and waste material, but shall maintain the same in a neat and orderly condition throughout the construction period. The Engineer shall have the right to determine what is or is not waste material or rubbish and the place and manner of disposal.

The Contractor shall remove and dispose of all trees designated by the City Engineer as obstructions to the proper completion of the work.

Upon completion and before making application for final acceptance of the work, the Contractor shall clean the street or road, borrow pits, and all ground occupied by him in connection with the work of all rubbish, excess materials, temporary structures, and equipment; and all parts of the work shall be left in a neat and presentable condition, acceptable to the Engineer.

5.200 CONTROL OF WORK

5.201 Authority of the City Engineer The City Engineer shall decide any and all questions which may arise as to the quality or acceptability of materials furnished and work performed, and as to the manner of performance and rate of progress of the work; all questions which arise as to the interpretation of the plans and specifications; all questions as to the acceptable fulfillment of the contract on the part of the Contractor; and all questions as to claims and compensation.

The City Engineer's decision shall be final and he shall have executive authority to enforce and make effective such decisions and orders as the Contractor fails to carry out promptly.

5.202 Plans All authorized alterations affecting the requirements and information given on the approved plans shall be in writing. No changes shall be made of any plan or drawing after the same has been approved by the City Engineer, except by direction of the City Engineer.

The contract plans shall be supplemented by such working drawings prepared by the Contractor as are necessary to adequately control the work. These plans shall be approved by the City Engineer before any work involving these plans shall be performed. No change shall be made by the Contractor in any working drawing after it has been approved by the Engineer.

Full compensation for furnishing all working drawings shall be considered as included in the prices paid for the contract items of work to which such drawings relate and no additional compensation will be allowed therefor.

It is mutually agreed, however, that approval by the City Engineer of the Contractor's working plans does not relieve the Contractor of any responsibility for accuracy of dimensions and details, and that the Contractor shall be responsible for agreement and conformity of his working plans with the approved plans and specifications.

5.203 Conformity with Contract Documents and Allowable Deviations Work and materials shall conform to the lines, grades, cross sections, dimensions and material requirements, including tolerances, shown on the plans or indicated in the specifications.

Deviations from the approved plans, as may be required by the urgencies of construction, will be determined in all cases by the City Engineer and authorized in writing.

5.204 Coordination of Plans and Specifications The plans and specifications including all supplementary documents are essential parts of the contract and a requirement occurring in one is as binding as though occurring in all. They are intended to be cooperative, to describe, and to provide for a complete work.

Plans shall govern over Special Provisions. Special Provisions shall govern over General Provisions. General Provisions shall govern over Standard Specifications and Standard Plans.

5.205 Interpretation of Plans and Specifications Should it appear that the work to be done, or any matter relative thereto, is not sufficiently detailed or explained in the plans or specifications, the Contractor shall apply to the City Engineer for such further explanations as may be necessary, and shall conform to such explanation or interpretation as part of the contract so far as may be consistent

with the intent of the original specifications. In the event of doubt or question relative to the true meaning of the contract documents, reference shall be made to the City Engineer, whose decision thereon shall be final.

In the event of any discrepancy between any drawing and the figures written thereon, the figures shall be taken as correct.

5.206 Order of Work When required by the special provisions or plans, the Contractor shall follow the sequence of operations as set forth therein.

Full compensation for conforming with such requirements will be considered as included in the prices paid for the various contract items of work, and no additional compensation will be allowed therefor.

5.207 Plans and Specifications on Job Site A complete, approved set of plans, specifications and change orders shall be kept on the job site and available at all times. Non-availability shall be deemed a cause for temporary suspension of work.

5.208 Superintendence The Contractor shall designate in writing before starting work an authorized representative who shall have the authority to represent and act for the Contractor.

Said authorized representative shall be present at the site of the work at all times while work is actually in progress on the contract. When work is not in progress and during periods when work is suspended, arrangements acceptable to the Engineer shall be made for any emergency work which may be required.

Whenever the Contractor or his authorized representative is not present on any particular part of the work where it may be desired to give direction, orders will be given by the Engineer, which shall be received and obeyed by the superintendent or foreman who may have charge of the particular work in reference to which the orders are given.

Any order given by the Engineer, not otherwise required by the specifications to be in writing, will, on request of the Contractor, be given or confirmed by the Engineer in writing.

5.209 Lines and Grades All distances and measurements are given and will be made in a horizontal plane. Grades are given from the top of stakes or nails, unless otherwise noted. Such stakes or points will be set by the Engineer as he determines to be necessary to establish the lines and grades required for the completion of the work specified in the plans and specifications.

Three consecutive points shown on the same rate of slope must be used in common in order to detect any variation from a straight grade; and in case any such discrepancy exists it must be reported to the City Engineer. If such a discrepancy is not reported to the City Engineer, the Contractor shall be responsible for any error in the finished work.

The Contractor shall give at least 24 hours notice when he will require the services of the City Engineer for laying out any portion of the work.

Stakes and points set by the Engineer shall be carefully preserved by the Contractor until authorized to remove them by the City Engineer. In case such stakes and points are destroyed or damaged they will be replaced at the Engineer's earliest convenience. The Contractor will be charged for the cost of necessary replacement or restoration of stakes and points which, in the judgment of the Engineer, were carelessly or willfully destroyed or damaged by the Contractor's operations. This charge will be deducted from any moneys due or to become due the Contractor.

5.210 Inspection The Engineer shall at all times have access to the work during its construction, and shall be furnished with every reasonable facility for ascertaining that the materials and the workmanship are in accordance with the requirements and intentions of the specifications, the general provisions, and the plans. All work done and all materials furnished shall be subject to his inspection.

The Contractor shall provide pot holes for the Engineer for the purpose of taking compaction tests in areas below existing grade where embankments or trench and structure backfill has not been tested.

Whenever the Contractor varies the period during which work is carried on each day, he shall give due notice to the City Engineer so that proper inspection may be provided.

The inspection of the work or materials shall not relieve the Contractor of any of his obligations to fulfill his contract as prescribed. Work and materials not meeting such requirements shall be made good and unsuitable work or materials may be rejected, notwithstanding that such work or materials have been previously inspected by the Engineer or that payment therefor has been included in a progress estimate.

The projects financed in whole or in part with State funds shall be subject to inspection at all times by the Director of Public Works of the State of California, or his agents.

Portions of the work done under a San Joaquin County encroachment permit shall be subject to County inspection.

5.211 Removal of Defective and Unauthorized Work All work which is defective in its construction or deficient in any of the requirements of these specifications shall be remedied, or removed and replaced by the Contractor in an acceptable manner, and no compensation will be allowed for such correction.

All work done beyond the lines and grades shown on the plans or established by the City Engineer, or any extra work done without written authority, will be considered as unauthorized and will not be paid for.

Upon failure on the part of the Contractor to comply forthwith with any order of the City Engineer made under the provisions of this section, the City Engineer shall have authority to cause defective work to be remedied, or removed and replaced, and unauthorized work to be removed and to deduct the costs thereof from any moneys due or to become due to the Contractor.

5.212 Final Inspection Whenever the work provided and contemplated by the contract shall have been satisfactorily completed and the final cleaning up performed, and the City Engineer notified in writing, the City Engineer will make the final inspection.

5.300 CONTROL OF MATERIALS

5.301 Source of Supply and Quality of Materials The Contractor shall furnish all materials required to complete the work, except materials that are designated in the specifications to be furnished by the City.

Only materials conforming to the requirements of the specifications shall be incorporated in the work.

The materials furnished and used shall be new, except as may be provided elsewhere in these specifications or the plans. The materials shall be manufactured, handled, and used in a workman-like manner to insure completed work in accordance with the plans and specifications.

Manufacturers' warranties, guarantees, instruction sheets and parts lists, which are furnished with certain articles or materials incorporated in the work, shall be delivered to the Engineer before commencement of the work.

5.302 Samples and Tests At the option of the City Engineer, the source of supply of each of the materials shall be approved by the City Engineer before delivery is started and before such material is used in the work. Representative preliminary samples of the character and quality prescribed shall be submitted by the Contractor or producer of all materials to be used in the work for testing or examination as desired by the City Engineer.

All tests of materials furnished by the Contractor shall be made in accordance with commonly recognized standards of national organizations, and such special methods and tests as are prescribed in these specifications.

The Contractor shall furnish such samples of materials as are requested by the City Engineer, without charge. No material shall be used until it has been approved by the City Engineer. Samples will be secured and tested whenever necessary to determine the quality of material.

5.303 Defective Materials All materials not conforming to the requirements of these specifications shall be considered as defective, and all such materials, whether in place or not,

shall be rejected and shall be removed immediately from the site of the work unless otherwise permitted by the City Engineer.

No rejected materials, the defects of which have been subsequently corrected, shall be used until approved in writing by the City Engineer.

Upon failure on the part of the Contractor to comply with an order of the City Engineer made under the provisions of this section, the City Engineer shall have authority to remove and replace defective material and to deduct the cost of removal and replacement from any moneys due or to become due the Contractor.

5.304 City-furnished Materials Materials furnished by the City will be available at locations designated in the Special Provisions, or if not designated therein they will be delivered to the project. They shall be hauled to the site of the work by the Contractor at his expense, including any necessary loading and unloading that may be involved. The cost of handling and placing City-furnished materials shall be considered as included in the price paid for the contract item involving such City-furnished materials. City-furnished materials lost or damaged from any cause whatsoever shall be replaced by the Contractor. The Contractor will be liable to the City for the cost of replacing City-furnished materials and such costs may be deducted from any moneys due or to become due the Contractor.

5.305 Trade Names and Alternatives For convenience in designation on the plans or in the specifications, certain articles or materials to be incorporated in the work may be designated under a trade name or the name of the manufacturer and his catalogue information. The use of an alternative article or materials which are of equal quality and of the required characteristics for the purpose intended will be permitted, subject to the following requirements.

The burden of proof as to the quality and suitability of alternatives shall be upon the Contractor and he shall furnish all information necessary as required by the Engineer. The Engineer shall be the sole judge as to the quality and suitability of alternative articles or materials and his decision shall be final.

Whenever the specifications permit the substitution of a similar or equivalent material or article, no tests or action relating to the approval of such substitute material will be made until the request for substitution is made in writing by the Contractor accompanied by complete data as to the equality of the material or article proposed. Such request shall be made in ample time to permit approval without delaying the work.

5.400 LEGAL RELATIONS AND RESPONSIBILITIES

5.401 Laws to be Observed The Contractor shall keep himself fully informed of all existing and

future State and National laws and all municipal ordinances and regulations of the City of Lodi which in any manner affect those engaged or employed in the work, or the materials used in the work, or which in any way affect the conduct of the work, and of all such orders and decrees of bodies or tribunals having any jurisdiction or authority over the same.

5.402 Labor Discrimination Attention is directed to Section 1735 of the Labor Code which reads as follows:

1735. No discrimination shall be made in the employment of persons upon public works because of the race, religious creed, color, national origin, ancestry, physical handicap, medical condition, marital status, or sex of such persons, except as provided in Section 1420, and every contractor for public works violating this section is subject to all the penalties imposed for a violation of this chapter.

5.403 Permits and Licenses Except as otherwise provided, the Contractor shall procure all permits and licenses, pay all charges and fees, and give all notices necessary and incidental to the due and lawful prosecution of the work.

5.404 Contractor's Licensing Laws Attention is directed to the provisions of Chapter 9 of Division 3 of the Business and Professions Code concerning the licensing of contractors.

All bidders and contractors shall be licensed in accordance with the laws of the State of California and any bidder or contractor not so licensed is subject to the penalties imposed by such laws.

5.405 Patents The Contractor shall assume all responsibilities arising from the use of patented materials, equipment, devices, or processes used on or incorporated in the work.

5.406 Safety Provisions The Contractor shall conform to the rules and regulations pertaining to safety established by the California Division of Industrial Safety.

5.407 Public Convenience and Safety The Contractor shall so conduct his operation as to cause the least possible obstruction and inconvenience to public traffic. Unless other existing streets are stipulated in the special provisions to be used as detours, all traffic shall be permitted to pass through the work.

Residents along the road or street shall be provided passage as far as practicable. Convenient access to driveways, houses, and buildings along the road or street shall be maintained and temporary crossing shall be provided and maintained in good condition. Not more than one cross or intersecting street or road shall be closed at any one time without the approval of the City Engineer.

The Contractor shall furnish, erect and maintain such fences, barriers, lights, signs and flagmen as are necessary to give adequate warning to the public

at all times that the road or street is under construction and of any dangerous conditions to be encountered as a result thereof, and he shall also erect and maintain such warning and directional signs as may be furnished by the City.

Signs, lights, flags, and other warning and safety devices shall conform to the requirements set forth in the current "Manual of Warning Signs, Lights, and Devices for Use in Performance of Work upon Highways," issued by the State of California Department of Transportation. Copies of this manual are on file with the Public Works Department.

No material or equipment shall be stored where it will interfere with the free and safe passage of public traffic, and at the end of each day's work and at other times when construction operations are suspended for any reason, the Contractor shall remove all equipment and other obstructions from that portion of the roadway open for use by public traffic.

Full compensation for doing the above-mentioned work shall be included in the price paid for the various contract items of work, and no additional compensation will be allowed therefor.

5.408 Preservation of Property Due care shall be exercised to avoid injury to existing improvements or facilities, utility facilities, adjacent property, and trees, shrubs, and other plants that are not to be removed.

Trees, shrubs, and other plants that are not to be removed, and pole lines, fences, signs, markers and monuments, buildings and structures, and any other above ground improvements or facilities and all underground facilities shown on the plans or brought to the Contractor's attention during the contract, within or adjacent to the highway shall be protected from injury or damage; and if ordered by the Engineer, the Contractor shall provide and install suitable safeguards, approved by the Engineer, to protect such objects from injury or damage. If such objects are injured or damaged by reason of the Contractor's operations, they shall be replaced or restored to a condition as good as when the Contractor entered upon the work, or as good as required by the specifications accompanying the contract, if any such objects are a part of the work being performed under the contract. The Engineer may make or cause to be made such temporary repairs as are necessary to restore to service any damaged facility. The cost of such repairs shall be borne by the Contractor and may be deducted from any moneys due or to become due to the Contractor under the contract.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in protecting or repairing property as specified in this section, shall be considered as included in the prices paid for the various contract items of work, and no additional compensation will be allowed therefor.

5.409 Responsibility for Damage The City of Lodi, the City Council, all officers and employees or agent shall not be answerable or accountable in any manner for any loss or damage that may happen to the work or any part thereof; or for any material or

equipment used in performing the work; or for injury or damage to any person or persons, either workmen or the public; for damage to adjoining property from any cause whatsoever during the progress of the work or any time before final acceptance.

The Contractor shall indemnify and save harmless the City of Lodi, the City Council, all officers and employees or agent from any suits, claims, or actions brought by any person or persons for or on account of any injuries or damages sustained or arising in the construction of the work or in consequence thereof. The City Council may retain as much of the money due the Contractor as shall be considered necessary until disposition has been made of such suits or claims for damages as aforesaid.

5.410 Contractor's Responsibility for Work Except as provided above, until the formal acceptance of the work by the City Council, the Contractor shall have the charge and care thereof and shall bear the risk of injury or damage to any part thereof by the action of the elements or from any other cause, whether arising from the execution or from the non-execution of the work.

The Contractor shall rebuild, repair, restore and make good all injuries or damages to any portion of the work occasioned by any of the above causes before final acceptance and shall bear the expenses thereof, except such injuries or damages occasioned by acts of the Federal Government or the public enemy.

5.411 No Personal Liability Neither the City Council, the City Engineer, nor any other officer or authorized assistant or agent or employee shall be personally responsible for any liability arising under the contract.

5.412 Responsibility of City The City of Lodi shall not be held responsible for the care or protection of any material or parts of the work prior to final acceptance, except as expressly provided in these specifications.

5.413 Insurance Requirements for Contractor The Contractor shall take out and maintain during the life of this contract, insurance coverage as listed below. These insurance policies shall protect the Contractor and any subcontractor performing work covered by this contract from claims for damages for personal injury, including accidental death, as well as from claims for property damages, which may arise from Contractor's operations under this contract, whether such operations be by Contractor or by any subcontractor or by anyone directly or indirectly employed by either of them.

1. COMPREHENSIVE GENERAL LIABILITY

\$1,000,000 Bodily Injury -
Ea. Occurrence/Aggregate

\$1,000,000 Property Damage -
Ea. Occurrence/Aggregate

or

\$1,000,000 Combined Single Limits

2. COMPREHENSIVE AUTOMOBILE LIABILITY

\$1,000,000 Bodily Injury - Ea. Person
\$1,000,000 Bodily Injury - Ea. Occurrence
\$1,000,000 Property Damage - Ea. Occurrence

A copy of the certificate of Insurance with the following endorsements shall be furnished to the City:

(a) Additional Named Insured Endorsement

Such insurance as is afforded by this policy shall also apply to the City of Lodi, its elected and appointed Boards, Commissions, Officers, Agents and Employees as additional insureds insofar as work performed by the insured under written contract with the City of Lodi. It is necessary that the City of Lodi receive an actual copy of the "Additional Named Insured Endorsement," to the Contractor's policies.

(b) Cross Liability Clause

It is agreed that the insurance afforded by this policy applies severally as to each insured except that the inclusion of more than one insured shall not operate to increase the limit of the company's liability; and the inclusion hereunder of any person or organization as an insured shall not affect any right which such person or organization would have as a claimant if not so included.

Severability of Interest Clause

The term "insured" is used severally and not collectively, but the inclusion herein of more than one insured shall not operate to increase the limit of the company's liability.

(NOTE: Use the cross liability or the severability of interest clause, but not both.)

(c) Notice of Cancellation or Change in Coverage Endorsement

This policy may not be cancelled nor the coverage reduced by the company without 30 days prior written notice of such cancellation or reduction in coverage to the City Attorney, City of Lodi, P.O. Box 320, Lodi, CA. 95241.

(d) Contractual Endorsement

Such insurance as is afforded by this policy shall also apply to liability assumed by the insured under written contract with the City of Lodi.

NOTE: If the policies meet the requirements set forth under endorsements (b), (c) and (d) above, a statement to this effect on the Certificate of Insurance will be accepted in lieu of endorsements.

5.414 Compensation Insurance The Contractor shall take out and maintain during the life of this contract, Workmen's Compensation Insurance for all of his employees employed at the site of the project and, in case any work is sublet, the Contractor

shall require the subcontractor similarly to provide Workmen's Compensation Insurance for all of the latter's employees unless such employees are covered by the protection afforded by the Contractor. In case any class of employees engaged in hazardous work under this contract at the site of the project is not protected under the Workmen's Compensation Statute, the Contractor shall provide and shall cause each subcontractor to provide insurance for the protection of his employees not otherwise protected.

This policy may not be cancelled nor the coverage reduced by the company without 30 days prior written notice of such cancellation or reduction in coverage to the City Attorney, City of Lodi, P.O. Box 320, Lodi, CA. 95241.

5.415 Guarantee and Warranty In addition to guarantees required in other provisions of the contract, Contractor shall, and hereby does, guarantee and warrant all work for a period of one year after date of acceptance of work by the City and shall repair or replace any or all such work, together with any other work which may be displaced in so doing, that may prove defective in workmanship and/or materials within one-year period from date of acceptance without expense whatsoever to the City, ordinary wear and tear, unusual abuse or neglect excepted. The Engineer will give notice of observed defects with reasonable promptness. The Contractor shall notify the Engineer upon completion of repairs.

In the event of failure of the Contractor to comply with the above-mentioned conditions within one week after being notified in writing, the City is hereby authorized to proceed to have defects repaired and made good at expense of the Contractor who hereby agrees to pay costs, penalties and charges therefor immediately on demand.

If, in the opinion of the Engineer, defective work creates a dangerous condition or requires immediate correction or attention to prevent further loss to the City or to prevent interruption of operations of the City, the City will attempt to give the notice required. If the Contractor cannot be contacted or does not comply with the Engineers' request for correction within a reasonable time as determined by the Engineer, the City may, notwithstanding the provisions of this section, proceed to make such correction or provide such attention and the costs of such correction or attention shall be charged against the Contractor. Such action by the City will not relieve the Contractor of the guarantees provided in this section or elsewhere in this contract.

This section does not in any way limit the guarantee on any items for which a longer guarantee is specified nor on any items for which a manufacturer gives a guarantee for a longer period, nor does it limit other remedies of the City in respect to latent defect, fraud or implied warranties.

5.416 Cooperation Should construction be underway by other agencies or by other contractors within or adjacent to the limits of the work specified, or should work of any other nature be underway by other forces within or adjacent to said limits, the Contractor shall schedule and coordinate his work with

the other contractors and agencies so there is the least amount of conflict during all phases of construction. The Contractor is also responsible for making all necessary agreements with other contractors as required during construction.

5.500 PROSECUTION AND PROGRESS

5.501 Subcontracting The Contractor shall give his personal attention to the fulfillment of the contract and shall keep the work under his control.

Subcontractor will not be recognized as such and all persons engaged in the work of construction will be considered as employees of the Contractor, and their work shall be subject to the provisions of the contract and specifications.

Where a portion of the work subcontracted by the Contractor is not being prosecuted in a manner satisfactory to the City Engineer, the subcontractor shall be removed immediately on the requisition of the City Engineer and shall not again be employed on the work.

5.502 Assignment The performance of the contract may not be assigned, except upon written consent of the City. Consent will not be given to any proposed assignment which would relieve the original Contractor or his surety of their responsibilities under the contract, nor will the City consent to any assignment of a part of the work under the contract.

5.503 Beginning of the Work The Contractor shall begin work within 10 days after receiving notice that the contract has been approved by the City, and shall diligently prosecute the same to completion within the time limit provided in the contract.

5.504 Progress Schedule If required by the special provisions, or requested by the Engineer, the Contractor shall, within 10 days after receiving notice to do so, submit to the Engineer a practicable schedule showing the order in which the Contractor proposes to carry out the work, the dates on which he will start and finish the major items of work.

5.505 Character of Workmen If any subcontractor or person employed by the Contractor shall fail or refuse to carry out the directions of the City Engineer or shall appear to the City Engineer to be incompetent or to act in a disorderly or improper manner, he shall be discharged immediately on the requisition of the City Engineer, and such person shall not again be employed on the work.

5.506 Temporary Suspension of Work The City Engineer shall have the authority to suspend the work wholly or in part, for such period as he may deem necessary, due to unsuitable weather or to such other conditions as are considered unfavorable for the suitable prosecution of the work, or for such time as he may deem necessary, due to the failure on the part of the Contractor to carry out orders given, or to perform any provisions of the contract. The Contractor shall immediately obey such order of the City Engineer and shall not resume the work until ordered in writing by the City Engineer.

In the event that suspension of work is ordered as provided above, and should such suspension be ordered by reason of the failure of the Contractor to carry out orders or to perform any provision of the contract; or by reason of weather conditions being unsuitable for performing any item or items of work which, in the sole opinion of the Engineer, could have been performed prior to the occurrence of such unsuitable weather conditions had the Contractor diligently prosecuted the work when weather conditions were suitable; the Contractor, at his expense, shall do all the work necessary to provide a safe, smooth, and unobstructed passageway through construction for use by public traffic during the period of such suspension as provided in Sections 7-1.08, "Public Convenience," and 7-1.09, "Public Safety," of the Standard Specifications and as provided in the contract specifications. In the event that the Contractor fails to perform the work above specified, the City may perform such work and the cost thereof will be deducted from moneys due or to become due the Contractor.

5.507 Time of Completion and Liquidated Damages

It is agreed by the Contractor that in case all the work called for under the contract is not completed before or upon the expiration of the time limit as set forth in the contract, damage will be sustained by the City of Lodi, and that it is and will be impracticable to determine the actual damage which the City will sustain in the event of and by reason of such delay; and it is therefore agreed that the Contractor will pay to the City of Lodi the sum of \$50 per day for each and every day's delay beyond the time prescribed to complete the work; and the Contractor agrees to pay such liquidated damages as herein provided, and in case the same are not paid, agrees that the City of Lodi may deduct the amount thereof from any moneys due or that may become due the Contractor under the contract.

It is further agreed that in case the work called for under the contract is not finished and completed in all parts and requirements within the time specified, the City Council shall have the right to extend the time for completion or not, as may seem best to serve the interest of the City; and if it decides to extend the time limit for the completion of the contract, it shall further have the right to charge to the Contractor, his heirs, assigns or sureties, and to deduct from the final payment for the work, all or any part as it may deem proper, of the actual cost of engineering, inspection, superintendence, and other overhead expenses which are directly chargeable to the contract, and which accrue during the period of such extensions, except that the cost of final surveys and preparation of final estimate shall not be included in such charges.

The Contractor shall not be assessed with liquidated damages nor the cost of engineering and inspection during any delay in the completion of the work caused by acts of God or of the public enemy, acts of the City, fire, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather or delays of subcontractors due to such causes; provided that the Contractor shall within 10 days from the beginning of any such delay notify the City Engineer in writing of the causes of delay, who shall ascertain the facts and the extent of

the delay, and his findings of the facts thereon shall be final and conclusive.

5.508 Termination of Contract Failure to prosecute the work diligently is grounds for termination of the Contractor's control over the work by the City of Lodi as provided in Section 14394 of the Government Code of the State of California.

5.509 Right of Way The necessary rights of way and easements for the work will be provided by the City of Lodi. The Contractor shall make his own arrangements and pay all expenses for additional area required by him outside of the limits of right of way, unless otherwise provided in the special provisions.

5.600 MEASUREMENT, ACCEPTANCE AND PAYMENT

5.601 Progress Payments The City Engineer, once each month after actual construction work is started, shall make an estimate as to the total amount of the work done and materials furnished by the Contractor to the last day of the proceeding month.

The City of Lodi shall retain 10 per cent of the estimated value of said work and the balance less any previous payments shall be paid to the Contractor.

The retained percentage as specified above will be held by the City and will be due and payable to the Contractor 30 days after filing of notice of completion provided no liens have been filed.

5.601A Substitution of Securities for Withheld Amounts Pursuant to Chapter 13 (commencing with Section 4590), Division 5, Title 1 of the Government Code of the State of California, securities may be substituted for any moneys withheld by a public agency to ensure performance under a contract. At the request and expense of the contractor, securities equivalent to the amount withheld shall be deposited with the public agency, or with a state or federally chartered bank as the escrow agent, who shall pay such moneys to the contractor upon satisfactory completion of the contract.

5.602 Final Acceptance of the Work The Contractor will notify the Engineer, in writing, of the completion and the Engineer will promptly satisfy himself as to the actual completion, and when he is so satisfied he will recommend acceptance to the City Council at its next regular meeting. The date of completion will be the date of acceptance of the work by the City Council.

5.603 Extra Work Extra work shall conform to Section 4-1.030, of the Standard Specifications. Payment for extra work will be established by agreement between the Contractor and the City. If no agreement can be reached, as to the exact cost of the extra work, payment will be made by force account as provided in Section 9-1.03 of the Standard Specifications.

5.604 Claims for Damages If the Contractor shall claim compensation for any damage sustained by reason of the acts of the City or its agents, he shall within five days after sustaining of such damage make to the Engineer a written statement of the damage sustained. On or before the fifteenth day of the month succeeding that in which any such damage shall have been sustained, the Contractor shall file with the Engineer an itemized statement of the details and amount of such damage, and unless such statement shall be made as thus required, his claims for compensation shall be forfeited and invalidated and he shall not be entitled to consideration of payment on account of any such damage.

5.605 Final Payment The City Engineer shall, after the satisfactory completion of the contract, make a final estimate of the amount of work done thereunder, and the value of such work, and the City of Lodi shall pay the entire sum so found to be due after deducting therefrom all previous payments and all amounts to be kept and all amounts to be retained under the provisions of the contract. All prior partial estimates and payments shall be subject to correction in the final estimate and payment. The final payment shall not be due and payable until the expiration of 30 days after filing of notice of completion provided no liens have been filed.

It is mutually agreed between the parties to the contract that any payments made under the contract, except the final payment, shall not be conclusive evidence of the performance of the contract, either wholly or in part, against any claim of the City of Lodi, and no payment shall be construed to be an acceptance of any defective work or improper materials.

And the Contractor further agrees that the payment of the final amount due under the contract, and the adjustment and payment for any work done in accordance with any alterations of the same, shall release the City of Lodi, the City Council, and all officers and employees from any and all claims or liability on account of work performed under the contract or any alteration thereof.

5.700 STANDARD SPECIFICATIONS

The work embraced herein shall be done in accordance with the appropriate provisions of construction details of the specifications entitled, "State of California, Business and Transportation Agency, Department of Transportation, Standard Specifications, July, 1984," insofar as the same may apply, which specifications are hereinafter referred to as the Standard Specifications and in accordance with the following special provisions.

Whenever in the contract documents or the Standard Specifications the following terms are used, they shall be understood to mean and refer to the following:

Department of Transportation, or Division of Highways - Department of Public Works of the City of Lodi

City Engineer - Public Works Director of the City of Lodi

Director of Public Works - Public Works Director and City Engineer of the City of Lodi

Engineer - The Public works Director and City Engineer or his designated agent

Laboratory - The designated laboratory authorized by the City of Lodi to test materials and work involved in the contract

State - The City of Lodi, California

Other items appearing in the Standard Specifications, the General Provisions, and the Special Provisions, shall have the intent and meaning specified in Section 1, Definition of Terms of the Standard Specifications.

SECTION 5A FEDERAL REQUIREMENTS AND CONDITIONS

5A-1.01 GENERAL The bidder's attention is directed to the provisions in Section 2, "Proposal Requirements and Conditions," of the Standard Specifications and these Special Provisions for the requirements and conditions which bidder must observe in the preparation of the proposal form and the submission of the bid.

5A-1.02 COMPETENCY OF BIDDERS "Competency of Bidders," of the Standard Specifications is deleted. Prequalification will not be required for this project.

Public Contract Code Section 10232 (Chapter 466, Stats. 1982) provides as follows:

Every contract shall contain a statement by which the Contractor swears under penalty of perjury that no more than one final, unappealable finding of contempt of court by a federal court has been issued against the Contractor within the immediately preceding two-year period because of the Contractor's failure to comply with an order of a federal court which orders the Contractor to comply with an order of the National Labor Relations Board. For purposes of this section, a finding of contempt does not include any finding which has been vacated, dismissed, or otherwise removed by the court because the Contractor has complied with the order which was the basis for the finding. The state may rescind any contract in which the Contractor falsely swears to the truth of the statement required by this section.

A form for the statement required by Section 10232 is on the page preceding the signature page of the proposal.

5A-1.03 DISADVANTAGED BUSINESS This project is subject to 24 CFR Part 135, and the Regulations in their entirety are incorporated herein by this reference.

Bidders shall be fully informed respecting the requirements of the Regulations and the Department's Disadvantaged business (DB) and Woman owned Business Enterprise (WBE) programs developed pursuant to the Regulations; particular attention is directed to the following matters:

- (a) A DB or WBE must be a small business concern as defined pursuant to Section 3 of U.S. Small Business Act and relevant regulations promulgated pursuant thereto;
- (b) A DB or WBE may participate as a prime Contractor, subcontractor, joint venture partner with a prime or subcontractor, or vendor of material or supplies;
- (c) A DB or WBE joint venture partner must be responsible for a clearly defined portion of the work to be performed in addition to satisfying requirements for ownership and

control. The MBE joint venturer must submit Schedule B of the Regulations;

- (d) A DB or WBE must perform a commercially useful function, i.e., must be responsible for the execution of a distinct element of the work and must carry out its responsibility by actually performing, managing and supervising the work;
- (e) Credit for a DB or WBE vendor or materials or supplies is limited to 20 percent of the amount to be paid to the vendor for the material unless the vendor manufactures or substantially alters the goods;
- (f) A DB or WBE must be certified before credit may be allowed toward the DB and WBE goal. The City's DB and WBE Directory identifies DBs and WBEs which have been certified and others which may qualify for certification. The DB and WBE directory may be obtained from:

City of Lodi
DB and WBE Liaison Officer
221 W. Pine Street
Lodi, CA 95240

- (g) Noncompliance by the Contractor with the requirements of the regulations constitutes a breach of this contract and may result in termination of the contract or other appropriate remedy for such breach;
- (h) Bidders are encouraged to utilize services offered by banks owned and controlled by minorities or women.

5A-1.04 DB and WBE GOALS FOR THIS PROJECT The City has established goals of ten percent for disadvantaged businesses (DB) participation and one percent for woman owned business enterprises (WBE) participation.

It is the bidder's responsibility to make a sufficient portion of the work available to subcontractors and suppliers and to select those portions of the work or material needs consistent with the available DB and WBE subcontractors and suppliers, so as to assure meeting the goal for DB and WBE participation.

5A-1.05 DB and WBE INFORMATION The apparent successful bidder (low bidder) shall submit DB and WBE information to the Public Works office at 221 West Pine Street, Lodi, CA 95240 no later than 5 calendar days after the bid opening, unless a later time is authorized by the City. Other bidders need not submit DB and WBE information unless requested to do so by the City. When such request is made, the DB and WBE information of such bidder shall be submitted within 5 days, unless a later time is authorized by the City. The information shall include:

- (1) Names of DBs and WBEs to be used, with a complete description of work or supplies to be provided by each and

the dollar value of each such DB and WBE transaction;
(Note: DB and WBE subcontractors for signal and lighting items, if there are such items of work, must have been named in the bid;

- (2) A "Disadvantaged and Women-Owned Business Enterprise Questionnaire" (Schedule A) for each DB and WBE not already certified;
- (3) Schedule B for each DB and WBE joint venturer.

Bidders whose submittal in (1) above indicates they will meet the stated DB and WBE goal need not submit any further DB and WBE information, unless the City in its review finds that the goal has not been met, in which case additional information will be requested by the City. The additional information may be requested to clarify claimed DB and WBE participation, add DB and WBE participation, or demonstrate that a good faith effort was made to meet the DB and WBE goal. Such information shall be submitted promptly upon request by the City.

It is the bidder's responsibility to meet the goal of DB and WBE participation or to provide information to establish good faith efforts to do so. Such information should include the following:

- (4) The names and dates of advertisement of each newspaper, trade paper, and minority-focus paper in which a request for DB and WBE participation for this project was placed by the bidder;
- (5) The names and dates of notices of all certified DBs and WBEs solicited by direct mail for this project;
- (6) The items of work for which the bidder requested subbids or materials to be supplied by DBs and WBEs;
- (7) The names of DBs and WBEs who submitted bids for any of the work indicated in (6) above which were not accepted, the name of the subcontractor or supplier that was selected for that portion of work, and the reasons for the bidder's choice. (If the reason was price, give the price bid by the rejected DB or WBE and the price bid by the selected subcontractor or supplier.);
- (8) Assistance that the bidder has extended to DBs and WBEs identified in (7) above to remedy the deficiency in the DBs and WBEs subbids;
- (9) Any additional data to support a demonstration of good faith effort, such as contacts with DB and WBE assistance agencies.

5A-1.06 LABOR NONDISCRIMINATION Section 7-1.01D, "Labor Nondiscrimination," of the Standard Specifications is amended to read:

Attention is directed to Section 1735 of the Labor Code, which reads as follows:

"No discrimination shall be made in the employment of persons upon public works because of the race, religious creed, color, national origin, ancestry, physical handicap, medical condition, marital status, or sex of such persons, except as provided in Section 12940 of the Government code, and every Contractor for public works violating this section is subject to all the penalties imposed for a violation of this chapter."

Attention is also directed to the following Notice that is required by Chapter 5, Title 2, California Administrative Code.

NOTICE OF REQUIREMENT FOR NONDISCRIMINATION PROGRAM
(GOV. CODE, SECTION 12990)

Your attention is called to the "Nondiscrimination Clause", set forth herein, which is applicable to all nonexempt state contracts and subcontracts, and to the "Standard California Nondiscrimination Construction Contract Specifications" set forth herein. The Specifications are applicable to all nonexempt state construction contracts and subcontracts of \$5,000 or more.

NONDISCRIMINATION CLAUSE

1. During the performance of this contract, Contractor and its subcontractors shall not unlawfully discriminate against any employee or applicant for employment because of race, religion, color, national origin, ancestry, physical handicap, medical condition, marital status, age (over 40) or sex. Contractors and subcontractors shall insure that the evaluation and treatment of their employees and applicants for employment are free of such discrimination. Contractors and subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Gov. Code, Section 12990 et seq.) and the applicable regulations promulgated thereunder (Cal. Admin. Code, Title 2, Section 7285.0 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code, Section 12990, set forth in Chapter 5 of Division 4 of Title 2 of the California Administrative Code are incorporated into this contract by reference and made a part hereof as if set forth in full. Contractor and its subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement.

City Manager

CITY OF LODI
PUBLIC WORKS DEPARTMENT

RECEIVED
RECEIPT OF ADDENDUM

PROJECT - 0 MI 2 01

ALICE M. RIVICHE

PROJECT: MISSION STREET STORM DRAIN & WATER MAIN
STOCKTON STREET TO WASHINGTON STREET

Received from the City of Lodi ADDENDUM NO. 1 to the plans
and specifications for Mission Street Storm Drain & Water Main
Stockton Street to Washington Street

Date: _____
by _____

NOTE: This acknowledgement must be included with the Proposal when submitted.

City Manager

CITY OF LODI
PUBLIC WORKS DEPARTMENT

RECEIVED
RECEIPT OF ADDENDUM

NOV-8 AM 2 01

ALICE M. R. WOOD

PROJECT: MISSION STREET STORM DRAIN & WATER MAIN
STOCKTON STREET TO WASHINGTON STREET

Received from the City of Lodi ADDENDUM NO. 1 to the plans
and specifications for Mission Street Storm Drain & Water Main
Stockton Street to Washington Street

Date: _____
by _____

NOTE: This acknowledgement must be included with the Proposal when submitted.

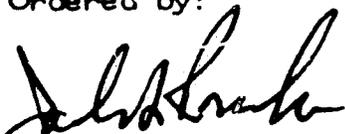
November 7, 1984

PROJECT: Mission Street Storm Drain & Water Main
Stockton Street to Washington Street

Notice is hereby given that the plans & specifications for the above-mentioned project have been revised as follows:

Replace the existing SCHEDULE OF WAGES with the enclosed
SCHEDULE OF WAGES.

Ordered by:



Jack L. Ronsko
Public Works Director

2 NOV 1984

MODIFICATION

DECISION NO. CAB4-5022 -Mod.#1

(49 FR 39416 - October 5,
1984)

Alameda, Alpine, Amador Coun-
ties, etc., California

Add:

Tulare County to list of
Counties for Heavy and High-
way construction only.

Carpenters:

Area 5 (Residential):

Carpenters

\$

\$18.68

\$6.455

Hardwood Floorlayers;

Shinglers; Power Saw

Operator; Steel Scaf-

fold Erector & Steel

Shoring Erectors; Saw

Filers

18.83

6.455

Area 6 (Residential):

Carpenters

16.65

6.455

Hardwood Floorlayers;

Shinglers; Power Saw

Operator; Steel Scaf-

fold Erector & Steel

Shoring Erectors; Saw

Filers

16.80

6.455

AREA DESCRIPTION:

Area 5 (Residential):

Alameda, Contra Costa,

Marin, San Benito,

San Mateo, Santa

Clara & Solano

Counties

Area 6 (Residential):

Napa and Sonoma Counties

STATE: California

OCTOBER 3, 1984

Mo

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

DECISION NUMBER: CA84-5022

DATE: Date of Publication

Supersedes Decision No. CA84-5001 dated March 30, 1984, in 49 FR 12873.

DESCRIPTION OF WORK: Building; Heavy (excluding Water Well Drilling); Highway; and Residential projects (excluding Alpine, Butte, Colusa, Fresno, Glenn, Kings, Lake, Lassen, Madera, Mendocino, Modoc, Plumas, Shasta, Sierra, Siskiyou, Stanislaus, Tehama, Trinity Counties). This decision does not include the installation of solar energy systems.

*Excludes Tulare County Building construction only.

49 FR 10-5-84

M.

	Basic Hourly Rates	Fringe Benefits		Basic Hourly Rates	Fringe Benefits
ASBESTOS WORKERS	\$23.85	\$5.61	CARPENTERS (Cont'd):		
BOILERMAKERS:			Area 2:		
Boilermakers	21.60	4.25	Carpenters	\$17.64	\$6.455
Boilermaker-Blacksmith, storage tank erection	17.25	4.00	Hardwood Floorlayers:		
Boilermaker-Blacksmith, storage tank repair	16.05	4.00	Power Saw Operator:		
BRICKLAYERS: Stonemasons:			Saw Filers: Shinglers; Steel Scaffold Erectors & Steel Shoring	17.79	6.455
Area 1	19.75	7.25	Millwrights	18.54	7.455
Area 2	19.90	4.95	Piledrivermen	19.38	8.885
Area 3	17.65	3.30	Area 3 (Residential)	11.80	6.205
Area 4	16.53	2.82	Area 4 (Residential)	12.00	6.205
Area 5	19.27	3.53	CEMENT MASONS:		
Area 6	20.10	3.87	Cement Masons	16.02	6.18
Area 7	17.57	3.89	Swing or Slip Form Scaffolds; Mastic, Magnesite, gypsum, epoxy, polyester, resin and all composition	16.27	6.18
BRICK TENDERS:			DIVERS:		
Area 1	13.55	3.46	Divers	31.63	8.485
Area 2	15.19	6.18	Diver Tender	20.38	8.485
Area 3	16.24	4.91	Assistant Tender	19.38	8.485
Area 4	16.24	4.91	DRYWALL INSTALLER/LATHER:		
Area 5	17.24	4.91	Area 1:		
Area 6	14.19	6.10	Drywall Installer/Lather	20.05	6.485
Area 7	15.55	4.45	Drywall Stocker, Scraper & Clean-up	10.15	3.335
Area 8	16.05	4.45	Area 2:		
Area 9 (Residential construction 2 stories or less)	13.55	4.96	Drywall Installer/Lather	17.89	6.485
CARPENTERS:			Drywall Stocker, Scraper & Clean-up	9.07	3.335
Area 1:			ELECTRICIANS:		
Carpenters	20.27	6.455	Area 1	22.56	7.295
Hardwood Floorlayers; Shinglers; Power Saw Operators; Saw Filers; Shinglers; Steel Scaffold Erector & Steel Shoring	20.42	6.455	Area 2:		
Millwrights	20.27	7.455	Electricians	15.80	3.38
Piledrivermen	19.38	8.885			+3%

	Basic Hourly Rates	Fringe Benefits
ELECTRICIANS (Cont'd):		
Area 2 (Cont'd):		
Cable Splicers	\$17.38	\$3.38 +3
Residential Electrician	12.30	3.35 +3
Area 3	16.01	4.41 +3
Area 4:		
Building contracts over \$100,000: Electricians	20.03	5.15 +3
Cable Splicers	22.53	5.15 +3
Building contracts \$100,000 or less: Electricians	16.03	3.65 +3
Cable Splicers	18.03	3.65 +3
Residential Electrician	10.25	3.25
Area 5:		
Electrician	25.16	5.45 +3
Cable Splicer	27.16	5.45 +3
Area 6:		
Electricians	17.00	5.44 +3
Cable Splicers	18.36	5.44 +3
Area 7:		
Electricians	18.40	4.06 +3
Cable Splicers	20.24	4.06 +3
Residential Electrician	10.00	1.01 +3
Area 8:		
Electricians	22.85	4.74 +3
Cable splicers	25.14	4.74 +3
Area 9:		
Electricians	15.37	4.45 +3.25
Cable Splicers	16.91	4.45 +3.25

	Basic Hourly Rates	Fringe Benefits
ELECTRICIANS (Cont'd):		
Area 9 (Cont'd):		
Residential Electrician	\$9.25	\$1.15 +3
Area 10:		
Electrician	18.89	7.68 +3
Cable Splicer	21.25	7.68 +3
Residential Electrician	9.45	4.12 +4
Area 11:		
Building contracts over \$100,000: Electricians	23.34	5.05 +3
Cable Splicers	26.26	5.05 +3
Building contracts \$100,000 or less; and Residential construction: Electricians	17.57	5.05 +3
Area 12:		
Electricians	24.40	6.35 +3
Cable Splicers	27.45	6.35 +3
Area 13:		
Electrician	25.965	7.26 +3
Cable Splicer	29.21	7.26 +3
Area 14:		
Electrician	25.00	5.42 +3
Area 15		
	20.81	4.41 +3
ELEVATOR CONSTRUCTORS:		
Mechanics	29.39	3.29 +2
Helpers	20.57	3.29 +2
Probationary Helpers	14.695	

	Basic Hourly Rates	Fringe Benefits		Basic Hourly Rates	Fringe Benefits
GLACIERS:			LINE CONSTRUCTION (Contd)		
Area 1	\$20.92	\$5.66	Area 4:		
Area 2	15.75	6.44	Groundmen	\$14.86	\$4.24
Area 3 (Residential)	10.00	2.72			+3%
Area 4 (Residential)	9.82	1.70	Line Equipment Oper-	17.83	4.24
Area 5	18.83	3.89	ators		+3%
Area 6	13.58	3.04	Linemen	19.81	4.24
Area 7	20.06	6.11			+3%
IRONWORKERS:			Cable Splicers	22.29	4.24
Fence Erectors	17.16	8.78			+3%
Reinforcing, Ornamental and Structural	18.05	8.78	Area 5:		
LINE CONSTRUCTION:			Groundmen	11.60	2.75
Area 1:					+3%
Groundman	18.87	5.45	Linemen	15.47	2.75
		+3%			+3%
Line Equipment Operator	22.64	5.45	Cable Splicers	17.02	2.75
		+3%			+3%
Lineman	25.16	5.45	Area 6:		
		+3%	Groundman	14.17	6.30
Cable Splicers	27.16	5.45			+3%
		+3%	Linemen, Technicians; Equipment Operators	18.89	7.48
Area 2 (Zone 1):					+3%
Group 1	20.03	3.00	Cable Splicers	21.25	7.48
		+3%			+3%
Group 2	18.11	3.00	Area 7:		
		+3%	Groundman & Truck Driver	14.68	4.09
Group 3	16.35	3.00			+3%
		+3%	Linemen	22.30	4.09
Group 4	15.61	2.30			+3%
		+3%	Cable Splicers	22.30	4.09
Group 5	13.66	2.30			+3%
		+3%	Area 8:		
Group 6	13.66	2.30	Groundmen	12.57	4.41
		+3%			+3%
Group 7	12.84	2.30	Linemen; Equipment Operators	15.71	4.41
		+3%			+3%
<u>Zone Differential (add to Zone 1 rate):</u>			Cable Splicers	17.28	4.41
Zone 2 - \$2.40					+3%
Zone 3 - 3.15			Area 9:		
Zone 4 - 3.90			Groundmen and Truck Drivers	18.42	7.29
Zone 5 - 5.15					+3%
Area 3:			Linemen	22.56	7.29
Groundmen	17.38	4.21			+3%
		+3%	Heavy Equipment Operators	22.10	7.29
Linemen	18.20	4.21			+3%
		+3%			

LINE CONSTRUCTION (Contd)	Basic Hourly Rates	Fringe Benefits		Basic Hourly Rates	Fringe Benefits
Area 10:			MARBLE SETTERS	\$20.75	\$7.15
Groundmen	\$16.14	\$4.75	MARBLE FINISHERS:		
Equipment Operators	18.16	4.75	Area 1	14.81	4.82
Linemen	20.18	4.75	PAINTERS:		
Cable Splicers	22.20	4.75	Area 1:		
Area 11:			Brush	13.39	4.60
Groundmen	21.25	5.42	Spray	14.14	4.60
Line Equipment Operators	22.50	5.42	Sandblaster; Scaffold; Sheetrock; Structural Steel; Swing Stage; Taper	13.79	4.60
Linemen	25.00	5.42	Area 2:		
Area 12:			Brush; Roller; Taper	15.22	1.59
Groundman	13.60	4.66	Bazooka Operators; Paperhangers; Sandblasters; Spray; Structural Steel	15.72	1.59
Heavy Equipment Operators	15.30	5.04	Area 3:		
Linemen	17.00	5.41	Brush	16.20	2.57
Cable Splicers	18.36	5.41	Hazardous Coating	17.20	2.57
Area 13:			Sandblasting; Spray; Taping	16.70	2.57
Groundmen	22.07	7.26	Area 4:		
Linemen; Technicians	25.965	7.26	Brush	21.23	4.70
Cable Splicers	29.21	7.26	Tapers	22.03	4.70
Area 14:			Residential Painter	17.32	4.70
Groundmen	18.70	5.75	Area 5:		
Linemen; Line Equipment Operators	22.00	5.75	Brush	21.23	4.70
Cable Splicers	24.75	5.75	Tapers	22.03	4.70
Area 15:			Residential Painter	17.32	4.70
Groundmen	18.26	4.74	Area 6:		
Heavy Equipment Operator	20.57	4.74	Brush and Roller	17.45	1.95
Linemen	22.85	4.74	Paperhanger; Sandblaster; Spray; Taper	17.95	1.95
Cable Splicers	25.14	4.74	Brush - steel; Brush-Swing Stage up to 40 ft.	17.70	1.95
			Spray - steel; Spray-Swing Stage up to 40 ft.	18.20	1.95
			Area 7:		
			Brush	20.43	4.68
			Drywall Finisher	21.43	4.68
			Paperhangers	21.43	4.68
			Sandblasting; Spray; Steam Cleaning	20.93	4.68

	Basic Hourly Rates	Fringe Benefits		Basic Hourly Rates	Fringe Benefits
PAINTERS (Cont'd):			PLASTERERS (Cont'd):		
Area 8:			Area 2	\$20.18	\$7.65
Brush; Pct Tenders:			Area 3	16.06	5.91
Rollers	\$9.80	\$1.35	Area 4	16.63	5.44
Sandblaster; Spray;			Area 5	17.92	8.25
Structural Steel;			Area 6	16.55	6.94
Swing Stage; Tapers	10.30	1.35	Area 7	18.81	3.61
Area 9:			Area 8	14.30	7.45
Brush	19.79	5.38	PLASTERERS' TENDERS:		
Paperhangers and Spray			Area 1	17.95	5.15
(coating)	20.54	5.38	Area 2	16.85	5.01
Spray	20.29	5.38	Area 3	19.09	4.93
Tapers (paint)	20.18	5.38	Area 4	17.50	4.05
Area 10:			Area 5	14.95	2.70
Brush and Roller	12.00	2.41	PLUMBERS:		
Paperhangers; Sand-			Area 1	26.42	5.88
blasters; Spray;			Area 2	25.86	7.34
Structural Steel;			PLUMBERS; STEAMFITTERS:		
Swing Stage; Tapers	12.24	1	Area 1	19.72	6.71
PARKING LOT STRIPING WORK			Area 2	20.34	2.43
and/or HIGHWAY MARKERS:			Area 3	26.64	8.30
Area 1:			Area 4	22.03	6.35
Traffic Delineating			Area 5	26.40	5.84
Device Applicator	14.48	b+1.65	Area 6	16.47	9.45
Striper; Traffic			Area 7	24.97	11.00
Surface Sand-			Area 8	23.36	6.47
blaster; Wheel			ROOFERS:		
Stop Installer	13.95	b+1.65	Area 1:		
Slurry Seal Oper-			Roofers	17.00	8.62
ation:			Mastic Workers; Ket-		
Mixer Operator	13.95	b+1.65	tlemen (2 kettles		
Applicator Oper-			without pumps)	17.25	8.62
ator; Shuttle-			Bitumastic; Coal Tar		
man and Squee-			Build-up; Enameler;		
gee Man	12.37	b+1.65	Pipewrappers	19.00	8.62
Top Man	10.39	b+1.65	Area 2	16.94	3.15
Area 2:			Area 3:		
Slurry Seal Operation:			Roofers (slate, tile		
Applicator Operator	10.60	b+1.55	and composition)	14.75	3.64
Mixer Operator	12.37	b+1.55	Enameler and Pitch	16.25	3.64
Squeegee Man	10.60	b+1.55	Area 4	14.95	3.85
Top Man	8.91	b+1.55	Area 5:		
Striper	13.57	b+1.55	Roofers	16.10	7.65
Traffic Delineating			Mastic Workers; Ket-		
Device Applicator;			tlemen (2 kettles		
Traffic Surface			without pumps)	16.35	7.65
Sandblaster; Wheel			Bitumastic; Coal Tar		
Stop Installer	12.37	b+1.55	Pitch; Enamelers;		
PLASTERERS:			Pipewrappers	18.10	7.65
Area 1	19.63	5.88			

	Basic Hourly Rates	Fringe Benefits		Basic Hourly Rates	Fringe Benefits
ROOFERS (Cont'd):			TERRAZZO WORKERS:		
Area 6	\$19.10	\$4.00	Area 1	\$19.80	\$7.15
Area 7:			TILE SETTERS:		
Roofers	16.80	6.40	Area 1	22.01	4.32
Mastic Workers: Kettle-			Area 2	18.02	3.05
men (2 kettles with-			TERRAZZO WORKERS and TILE		
out pumps)	17.05	6.40	SETTERS:		
Bitumastic; Coal Tar;			Area 1	16.45	4.55
Enamellers; Pipe-			Area 2	20.51	3.69
wrappers	18.80	6.40	TERRAZZO FINISHERS:		
Area 8:			Area 1:		
Roofers (slate, tile &			Base Machine Operator	16.72	3.95
composition)	14.90	7.64	Terrazzo Finishers	16.02	3.95
Enameler & Pitch	17.65	7.64	TILE FINISHERS:		
Area 9:			Area 1	13.90	4.73
Roofers; Kettleman (1					
kettle)	16.23	6.22	WELDERS: Receive rate		
Kettleman (2 kettles)	17.23	6.22	prescribed for craft		
Bitumastic; Coal Tar;			performing operation to		
Enamellers; Mastic &			which welding is inci-		
Pitch	18.23	6.22	dental.		
SHEET METAL WORKERS:					
Area 1	26.36	6.36			
Area 2	16.93	4.67			
Area 3	18.38	4.94			
		+12%			
Area 4	21.46	7.50			
Area 5	18.05	4.42			
Area 6	26.66	6.09			
Area 7	18.38	4.22			
Area 8	26.19	6.76			
Area 9	26.24	6.30			
Area 10	22.92	6.86			
Area 11	25.64	9.21			
SOFT FLOOR LAYERS:					
Area 1	16.01	3.00			
Area 2	16.74	1.58			
Area 3	17.69	5.66			
Area 4	21.96	2.27			
Area 5	17.85	6.50			
SPRINKLER FITTERS:					
Area 1	26.72	7.29			
Area 2	21.87	3.23			
STEAMFITTERS:					
Area 1	29.16	4.92			

POWER EQUIPMENT OPERATORS*:

	<u>AREA 1</u>	<u>AREA 2</u>			
	<u>Basic Hourly Rates</u>	<u>Basic Hourly Rates</u>	<u>Basic Hourly Rates</u>	<u>Basic Hourly Rates</u>	<u>Basic Hourly Rates</u>
Group 1	\$ 14.90	\$ 16.96			
Group 2	15.49	17.49			
Group 3	15.80	17.80			
Group 4	16.61	18.61			
Group 5	16.92	18.92			
Group 6	17.14	19.14			
Group 7	17.38	19.38			
Group 8	18.03	20.03			
Group 9	18.35	20.35			
Group 10	18.69	20.69			
Group 10-A	18.87	20.87			
Group 11	19.12	21.12			
Group 11-A	20.84	22.84			
Group 11-B	21.25	23.25			
Group 11-C	21.73	23.73			

FRINGE BENEFITS:

\$8.98.

*Residential Construction 3 stories and under to be paid the Area 1 rate.

DREDGING - SCHEDULE I
Clamshell and Dipper Dredging
(New Construction):

	<u>AREA 1</u>	<u>AREA 2</u>	<u>AREA 3</u>	<u>AREA 4</u>
Group 1	\$14.30	\$15.63	\$16.02	\$16.42
Group 2	15.65	16.98	17.37	17.77
Group 3	17.01	18.34	18.73	19.13
Group 4	19.68	21.01	21.40	21.80
Group 4-A	20.08	21.41	21.80	22.20

DREDGING - SCHEDULE II
Hydraulic Suction Dredging and all
other Dredging:

Group A-1	14.09	15.35	15.71	16.09
Group A-2	15.45	16.76	17.16	17.54
Group A-3	16.36	17.72	18.12	18.50
Group A-4	17.60	18.98	19.35	19.74

FRINGE BENEFITS:

\$8.56

POWER EQUIPMENT OPERATORS:

DREDGING (Cont'd)

TOW BOATS:

Work on self-propelled vessels (except Skiffs powered by outboard motors) engaged in towing vessels and water borne craft or in the transportation by water of personnel, materials, equipment and supplies:

Deckhand/Mechanics

Operator Mechanic/

Watch Engineer

Work on self-propelled vessels):

Boat Operators

PILEDIVING:

	Basic Hourly Rates	Fringe Benefits
Group 1	15.03	8.98
Group 1A	15.55	8.98
Group 1B	15.85	8.98
Group 2A	15.85	8.98
Group 2B	16.67	8.98
Group 2C	16.99	8.98
Group 2D	17.22	8.98
Group 3	17.44	8.98
Group 3A	18.10	8.98
Group 4	18.92	8.98
Group 5	19.19	8.98
Group 6	20.90	8.98

STEEL ERECTION:

	Basic Hourly Rates	Fringe Benefits
Group 1	15.74	8.9
Group 2	16.30	8.9
Group 3	17.86	8.9
Group 4	18.06	8.98
Group 4A	18.54	8.98
Group 5	19.30	8.98
Group 6	19.94	8.98
Group 7	20.40	8.98
Group 8	20.84	8.98
Group 9	22.42	8.98

TRUCK DRIVERS:

	Basic Hourly Rates	Fringe Benefits
Group 1	\$ 16.30	\$ 6.54
Group 2	16.38	6.54
Group 3	16.40	6.54
Group 4	16.41	6.54
Group 5	16.42	6.54
Group 6	16.43	6.54
Group 7	16.45	6.54
Group 8	16.47	6.54
Group 9	16.48	6.54
Group 10	16.50	6.54
Group 11	16.51	6.54
Group 12	16.55	6.54
Group 13	16.56	6.54
Group 14	16.57	6.54
Group 15	16.60	6.54
Group 16	16.61	6.54
Group 17	16.62	6.54
Group 18	16.64	6.54
Group 19	16.65	6.54
Group 20	16.66	6.54
Group 21	16.71	6.54
Group 22	16.74	6.54
Group 23	16.75	6.54
Group 24	16.84	6.54
Group 25	16.85	6.54
Group 26	16.85	6.54
Group 27	16.88	6.54
Group 28	16.90	6.54
Group 29	16.94	6.54
Group 30	16.95	6.54
Group 31	16.98	6.54
Group 32	17.04	6.54
Group 33	16.97	6.54
Group 34	17.19	6.54
Group 35	17.29	6.54
Group 36	17.34	6.54
Group 37	17.49	6.54
Group 38	17.64	6.54

FOOTNOTES:

- a. Employer contributes 80 of basic hourly rate for over 5 years' service, and 60 of basic hourly rate for 6 months' to 5 years' service as Vacation Pay Credit. Six Paid Holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Christmas Day
- b. Employer contributes \$.32 per hour to Holiday Fund plus \$.22 per hour to Vacation Fund for the first year of employment; 1 year but less than 5 years \$.42 per hour to Vacation Fund; 5 years but less than 10 years \$.60 per hour to Vacation Fund; over 10 years \$.80 per hour to Vacation Fund

AREA DESCRIPTIONS

BRICKLAYERS; STONEMASONS:

- Area 1: Del Norte, Humboldt, Lake, Marin, Mendocino, Napa, San Francisco, San Mateo, Siskiyou, Solano, Sonoma, and Trinity Cos.
- Area 2: Alameda and Contra Costa Counties
- Area 3: Fresno, Kings, Madera, Mariposa, and Merced Counties
- Area 4: Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Sutter, Tehama, Yolo, and Yuba Counties
- Area 5: Monterey and Santa Cruz Counties
- Area 6: San Benito and Santa Clara Counties
- Area 7: Alpine, Amador, Calaveras, San Joaquin, Stanislaus, and Tuolumne Counties

BRICK TENDERS:

- Area 1: Amador, El Dorado, Nevada, Placer, Sacramento, and Yolo Cos.
- Area 2: San Francisco and San Mateo Counties
- Area 3: Fresno, Kings, Madera, and Tulare Counties
- Area 4: Remaining Counties
- Area 5: Marin County
- Area 6: Alameda and Contra Costa Counties
- Area 7: Santa Cruz County
- Area 8: San Benito and Santa Clara Counties
- Area 9: (Residential construction of 2 stories or less) Monterey and Napa Counties

CARPENTERS:

- Area 1: Alameda, Contra Costa, Marin, Napa, San Benito, San Francisco, San Mateo, Santa Clara, Solano and Sonoma Counties
- Area 2: Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Mariposa, Mendocino, Merced, Modoc, Monterey, Nevada, Placer, Plumas, Sacramento, San Joaquin, Santa Cruz, Shasta, Sierra, Siskiyou, Stanislaus, Sutter, Tehama, Trinity, Tuolumne, Yolo and Yuba Counties
- Area 3: (Residential) Calaveras, Mariposa and Merced Counties
- Area 4: (Residential) Del Norte and Humboldt Counties

AREA DESCRIPTIONS

DRYWALL INSTALLERS/LATHERS:

- Area 1: Alameda, Contra Costa, Marin, Monterey, Napa, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano, Sonoma Counties
- Area 2: Remainder of Counties

ELECTRICIANS:

- Area 1: Alameda County
- Area 2: Alpine, Amador, Colusa, El Dorado, Nevada, Placer, Sacramento, Sierra, Sutter, Yolo and Yuba Counties

- Area 3: Butte and Glenn Counties; Lassen County (excluding the Sierra Army Depot (Herlong)); Modoc, Plumas, Shasta, Siskiyou, Tehama and Trinity Counties
- Area 4: Calaveras and San Joaquin Counties
- Area 5: Contra Costa County
- Area 6: Del Norte and Humboldt Counties
- Area 7: Fresno, Kings, Madera, and Tulare Counties
- Area 8: Lake, Marin, Mendocino, and Sonoma Counties
- Area 9: Mariposa, Merced, Stanislaus, and Tuolumne Counties
- Area 10: Monterey, San Benito, and Santa Cruz Counties
- Area 11: Napa and Solano Counties
- Area 12: Santa Clara County
- Area 13: San Francisco County
- Area 14: San Mateo County
- Area 15: Sierra Army Depot (Herlong) in Lassen Counties

GLAZIERS:

- Area 1: Alameda, Contra Costa, Monterey, Napa, San Benito, Santa Clara, and Santa Cruz Counties
- Area 2: Alpine, Amador, Butte, Calaveras, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Sierra, Siskiyou, Solano, Stanislaus, Sutter, Tehama, Tuolumne, Yolo, and Yuba Counties
- Area 3: (Residential) Sutter and Yuba Counties
- Area 4: (Residential) Amador, Calaveras, El Dorado, Nevada, Placer, Sacramento, San Joaquin, Solano, Tuolumne, and Yolo Counties
- Area 5: Fresno, Madera, Mariposa, Merced, Kings, and Tulare Counties
- Area 6: Del Norte and Humboldt Counties
- Area 7: Lake, Marin, Mendocino, San Francisco, San Mateo, and Sonoma Counties

LINE CONSTRUCTION:

- Area 1: Contra Costa County
- Area 2: Del Norte, Modoc, and Siskiyou Counties:
 - Group 1: Cable Splicer, Leadman Pole Sprayer
 - Group 2: Lineman, Pole Sprayer, Heavy Line Equipment Man, Certified Lineman Welder
 - *Group 3: Tree Trimmer
 - Group 4: Line Equipment Man
 - Group 5: Head Groundman, Powderman, Jackhammer Man
 - *Group 6: Head Groundman (Chipper)
 - Group 7: Groundman
 - *Groups 3 and 6 receive BASE RATE (ZONE 1) ONLY (no Zone Differential)

AREA DESCRIPTIONS (Cont'd)

LINE CONSTRUCTION: (Cont'd)

Area 2: (Cont'd)

Zone Definitions: Zone 1: 0 to 3 miles radius from the geographical center of Alturos and Yreka, California
 Zone 2: 3 to 20 miles radius
 Zone 3: 20 to 35 miles radius
 Zone 4: 35 to 50 miles radius
 Zone 5: Over 50 miles radius

BASE RATE (ZONE 1) is paid when working out of employer's Permanent Shop

- Area 3: Fresno, Kings, Madera, and Tulare Counties
- Area 4: Calaveras and San Joaquin Counties
- Area 5: Mariposa, Merced, Stanislaus, and Tuolumne Counties
- Area 6: Monterey, San Benito, and Santa Cruz Counties
- Area 7: Napa and Solano Counties
- Area 8: Butte, Glenn, Lassen, Plumas, Shasta, Tehama, and Trinity Cos.
- Area 9: Alameda County
- Area 10: Amador, Colusa, Sacramento, Sutter, Yolo, and Yuba Counties; Alpine, El Dorado, Nevada, Placer, and Sierra Counties (those portions west of the Main Sierra Mountain Watershed)
- Area 11: San Mateo County
- Area 12: Humboldt County
- Area 13: San Francisco County
- Area 14: Santa Clara County
- Area 15: Lake, Marin, Mendocino, and Sonoma Counties

MARBLE FINISHERS:

- Area 1: Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Lassen, Marin, Mendocino, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Tehama, Trinity, Yolo and Yuba Counties

PAINTERS:

- Area 1: Alpine, Amador, Calaveras, and San Joaquin Counties
- Area 2: Fresno, Kings, Madera, and Tulare Counties
- Area 3: Mariposa, Merced, Stanislaus, and Tuolumne Counties
- Area 4: San Benito, San Mateo, and Santa Clara Counties
- Area 5: Monterey and Santa Cruz Counties
- Area 6: Lassen County, (that portion that lies eastward of Highway #395, northward to and including Honey Lake); Lake Tahoe Area
- Area 7: Lake, Marin, Mendocino, San Francisco, and Sonoma Counties
- Area 8: Butte, Colusa, and Glenn Counties; Lassen County (excluding the extreme SE corner); Modoc, Plumas, Shasta, Siskiyou, Sutter, Tehama, Trinity, and Yuba Counties
- Area 9: Alameda, Contra Costa, El Dorado, Napa, Nevada, Placer, Sacramento, Sierra, Solano, and Yolo Counties (excluding portions of Counties in the Lake Tahoe Area)
- Area 10: Del Norte and Humboldt Counties

AREA DESCRIPTIONS (Cont'd)

PARKING LOT STRIPING WORK and/or HIGHWAY MARKERS:

- Area 1: Fresno, Kings, and Tulare Counties
- Area 2: Remaining Counties

PLASTERERS:

- Area 1: Alameda and Contra Costa Counties
- Area 2: San Francisco and San Mateo Counties
- Area 3: Alpine, Amador, Butte, Calaveras, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Sierra, Siskiyou, Sutter, Tehama, Trinity, Yolo and Yuba Cos.
- Area 4: Del Norte, Humboldt, Lake, Marin, Mendocino, Napa, Solano, and Sonoma Counties
- Area 5: San Benito, Santa Clara, and Santa Cruz Counties
- Area 6: Fresno, Kings, Madera, and Tulare Counties
- Area 7: Monterey County
- Area 8: Mariposa, Merced, Stanislaus, and Tuolumne Counties

PLASTERERS' TENDERS:

- Area 1: Alameda and Contra Costa Counties
- Area 2: Fresno, Kings, Madera, and Tulare Counties
- Area 3: San Francisco and San Mateo Counties
- Area 4: Monterey County
- Area 5: Napa County

PLUMBERS:

- Area 1: Alameda County
- Area 2: Contra Costa County

PLUMBERS; STEAMFITTERS:

- Area 1: Amador County (northern half); El Dorado, Nevada, Sacramento, and Yolo Counties (excluding Lake Tahoe Area), Sierra County
- Area 2: Lake Tahoe Area
- Area 3: Marin, Mendocino, San Francisco, and Sonoma Counties
- Area 4: Alpine County; Amador County (southern portion); Butte, Calaveras, Colusa, Fresno, Glenn, Kings, Lassen, Madera, Mariposa, Merced, Modoc, Monterey, Plumas, San Joaquin, Santa Cruz, Shasta, Sierra, Siskiyou, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, and Yuba Counties
- Area 5: Lake, Napa, and Solano Counties
- Area 6: Del Norte and Humboldt Counties
- Area 7: San Benito and Santa Clara Counties
- Area 8: San Mateo County

ROOFERS:

- Area 1: Alameda and Contra Costa Counties
- Area 2: Alpine, Calaveras, Mariposa, Merced, San Joaquin, Stanislaus, and Tuolumne Counties

AREA DESCRIPTIONS (Cont'd)

ROOFERS: (Cont'd)

- Area 3: Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Placer, Plumas, Shasta, Sierra, Siskiyou, Sutter, Tehama, Trinity, and Yuba Counties
- Area 4: Fresno, Kings, Madera, and Tulare Counties
- Area 5: Lake, Marin, Mendocino, Napa, Solano, and Sonoma Counties
- Area 6: Monterey and Santa Cruz Counties
- Area 7: San Francisco and San Mateo Counties
- Area 8: Amador, Sacramento and Yolo Counties
- Area 9: San Benito and Santa Clara Counties

SHEET METAL WORKERS:

- Area 1: Alameda and Contra Costa Counties
- Area 2: Alpine, Calaveras, and San Joaquin Counties
- Area 3: Amador, Butte, Colusa, El Dorado, Glenn, Modoc, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Sutter, Tehama, Yolo, and Yuba Counties
- Area 4: Monterey and San Benito Counties
- Area 5: Del Norte, Humboldt and Trinity Counties
- Area 6: San Mateo County
- Area 7: Fresno, Kings and Madera Counties
- Area 8: San Francisco County
- Area 9: Lake, Marin, Mendocino, Napa, Solano and Sonoma Counties
- Area 10: Santa Cruz County
- Area 11: Santa Clara County

SOFT FLOOR LAYERS:

- Area 1: Alpine, Amador, Butte, Calaveras, Colusa, El Dorado, Glenn, and Lassen Counties (excluding Honey Lake Area); Merced County (east of San Joaquin River); Plumas, Sacramento, San Joaquin, Shasta, Stanislaus, Sutter, Tehama, Trinity, Tuolumne, Yolo, and Yuba Counties; El Dorado, Nevada, Placer, and Sierra Counties (those portions excluding Lake Tahoe Area)
- Area 2: Honey Lake Area and Lake Tahoe Area
- Area 3: Lake, Marin, Mendocino, Merced, Monterey, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz and Sonoma Counties
- Area 4: Del Norte and Humboldt Counties
- Area 5: Alameda, Contra Costa, Napa and Solano Counties

SPRINKLER FITTERS:

- Area 1: Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, and Sonoma Counties
- Area 2: Remaining Counties

STEAMFITTERS:

- Area 1: Alameda and Contra Costa Counties

AREA DESCRIPTIONS (Cont'd)

TERRAZZO WORKERS:

Area 1: Alameda, Contra Costa, Del Norte, Humboldt, Lake, Marin, Mendocino, Napa, San Francisco, San Mateo, Siskiyou, Solano, Sonoma, and Trinity Counties

TILE SETTERS:

Area 1: Alameda, Butte, Colusa, Contra Costa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Lassen, Marin, Mendocino, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Mateo, Santa Clara, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Tehama, Trinity, Yolo, and Yuba Counties
Area 2: Alpine, Amador, Calaveras, San Joaquin, Stanislaus, and Tuolumne Counties

TERRAZZO WORKERS and TILE SETTERS:

Area 1: Fresno, Kings, Madera, Mariposa, Merced, and Tulare Counties
Area 2: Monterey and Santa Cruz Counties

TERRAZZO FINISHERS:

Area 1: Alameda, Alpine, Amador, Butte, Calaveras, Contra Costa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Lassen, Marin, Mendocino, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Tehama, Trinity, Yolo and Yuba Counties

TILE FINISHERS:

Area 1: Alameda, Alpine, Amador, Butte, Calaveras, Contra Costa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Lassen, Marin, Mendocino, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Tehama, Trinity, Yolo and Yuba Counties

LABORERS

Area 1: Alameda, Contra Costa, Marin, San Francisco, San Mateo and Santa Clara Counties
Area 2: Del Norte, El Dorado, Fresno, Humboldt, Kings, Lake, Madera, Mendocino, Monterey, Napa, Nevada, Placer, Sacramento, San Benito, San Joaquin, Santa Cruz, Solano, Sonoma, and Yolo Counties
Area 3: Alpine, Amador, Butte, Calaveras, Colusa, Glenn, Lassen, Mariposa, Merced, Modoc, Plumas, Shasta, Sierra, Siskiyou, Stanislaus, Sutter, Tehama, Trinity, Tuolumne and Yuba Counties

LABORERS (Cont'd)

TUNNEL and SHAFT WORK

Group 1: Diamond Driller; Groundman; Gunitite and Shotcrete Nozzlemen; Rodmen; Shaft Work and Raise (below actual or excavated ground level)

Group 2: Bit Grinder; Blaster; Drillers, Powderman-heading; Cherry Pickermen - where car is lifted; Concrete Finisher in Tunnel; Concrete Screed Man; Grout Pumpman and Potman; Gunitite and Shotcrete Gunmen and Potmen; Headermen; High Pressure Nozzlemans; Miners - Tunnel, including Top and Bottom Man on Shaft and Raise Work; Nipper Nozzlemans on slick line; Sandblaster-Potman (work assignment interchangeable); Steel Form Raisers and Setters; Timberman, Retimberman - wood or steel or substitute materials therefore; Tugger

Group 3: Cabletender; Chucktender; Powderman - Primer House; Vibrators, Pavement Breakers

Group 4: Bull Gang - Muckers, Trackmen; Concrete Crew - includes rodding and spreading; Dumpmen (any method); Grout Crew Reboundmen; Swamper

LABORERS

Group 1: Asphalt Ironers and Rakers; Asphalt Spreader Boxes (all types); Barko, Wacker and similar type Tampers; Buggymobile; Chainsaw, Faller, Logloader and Bucker; Compactors of all types; Concrete and Magnesite Mixer, 1/2 yd. and under; Concrete Pan Work; Concrete Saw; Concrete Sander; Cribber and/or Shoring; Cut Granite Curb Setter; Form Raisers; Slip Forms; Green Cutters, Headerboardmen, Hubsetters, Aligners; Jackhammer Operators; Jacking of Pipe over 12 inches; Jackson and similar type Compactors; Kettleman, Potmen and Men applying asphalt, lay-kold, creosote, lime, caustic and similar type materials; Lagging, Sheeting, Whaling, Bracing, Trenchjacking, hand-guided Lagging Hammer; Magnesite, Epoxyresin, Fiberglass, Mastic Workers (wet or dry); Perma Curbs; Precast-manhole Setters; Cast-in-place Manhole Form Setters; Pressure Pipe Tester; Pavement Breakers and Spaders, including Tool Grinder; Pipelayers, Caulkers, Banders, Pipewrappers, Conduit Layers, Plastic Pipelayers; Post Hole Diggers, air, gas, and electric; Power Broom Sweepers; Power Tampers of all types (except as shown in Group 2); Ram Set Gun and Stud Gun; Riprap-stonepaver and Rock-slinger, including placing of sacked concrete and/or sand (wet or dry); Rotary Scarifier, Multiple Head Concrete Chipper; Davis Trencher, 300 or similar type (and all small Trenchers); Roto and Ditch Witch; Moto-tiller; Sandblasters, Potmen, Gunman, Nozzlemans; Signalling and Rigging; Tank Cleaners; Tree Climbers; Vibrascreed, Bull Float in connection with Laborers' work; Vibrators; Dripak-it Machine; High Pressure Blow Pipe (1 1/2" or over, 100 lbs. pressure and over); Hydro Seeder and similar type; Laser Beam in connection with Laborers' work

LABORERS (Cont'd)

- Group 1(a): Joy Drill Model TWM-2A; Gardener-Denver Model DH143 and similar type drills; Track Drillers; Jack Leg Drillers; Diamond Drillers; Wagon Drillers; Mechanical Drillers, all types regardless of type or method of power; Multiple Unit Drills; Blasters and Powdermen; all work of loading, placing and blasting of all power and explosives of whatever type regardless of method used for such loading and placing; High Scalars (including drilling of same); Tree Topper; Bit Grinder
- Group 1(b): Sewer Cleaners receive an additional \$4.00 per day, \$5.00 per day on recently active large diameter sewers or sewer manholes
- Group 1(c): Burning and Welding in connection with Laborers' work
- Group 1(d): Repair Trackmen and Road Beds (cut and cover work of subway after the temporary cover has been placed)
- Group 1(e): Laborers on general construction work on or in Bell Hole Footings and Shaft
- Group 1(f): Wire Winding Machine in Connection with Guniting or Shotcrete - Aligner
- Group 1(g): Pipelayers; Caulkers; Banders; Pipewrappers; Conduit Layers and Plastic Pipelayers; Pressure Pipe Tester, no joint pipe and stripping of same, including repair of voids; Precast Manhole Setters; Cast-in-Place Manhole Form Setters
- Group 2: Asphalt Shovelers; Cement Dumpers and handling dry cement or gypsum; Choke-setter and Digger (clearing work); Concrete Bucket Dumper and Chuteman; Concrete Chipping and Grinding; Concrete Laborers (wet or dry); Chuck Tender; High Pressure Nozzleman, Adductors; Grout-crew; Hydraulic Monitor (over 100 lbs. pressure); Loading and unloading, carrying and hauling of all rods and materials for use in reinforcing concrete construction; Pittsburgh Chipper and similar type Brush Shredders; Sloper; Singlefoot, hand held, Pneumatic Tamper; All pneumatic, air, gas and electric tools not listed in Groups 1 through 1(f); Jacking of Pipe under 12 inches
- Group 3: All Cleanup work of debris, grounds and buildings including but not limited to street cleaners; Cleaning and washing windows; Construction Laborers including Bridge and General Laborers; Dumpman; Load Spotter; Fire Watcher; Street Cleaners; Gardeners, Horticultural and Landscape Laborers; Jetting; Limbers; Brush Loaders; Pilers, Maintenance Landscape Laborers on new construction; Maintenance, Repair Trackmen and Road beds; Streetcar and Railroad Construction Track Laborers; Temporary air and water lines, Victaulic or similar; Tool Room Attendant; Fence Erectors; Guardrail Erectors; Pavement Markers (button setters)
- Group 4: Brick Cleaners; Lumber Cleaners

LABORERS (Cont'd)

GUNNITE

- Group 1: Nozzleman (including Gunman, Potman); Rodmen, Groundman
- Group 2: Reboundman
- Group 3: General Laborers

WRECKING WORK

- Group 1: Skilled Wrecker (removing and salvaging of sash, windows, doors, plumbing and electric fixtures)
- Group 2: Semi-skilled Wrecker (salvaging of other building materials)
- Group 3: General Laborer (includes all cleanup work, loading lumber, loading and burning of debris)

POWER EQUIPMENT OPERATORS
A/EAS I and II

- Group 1: Assistants to Engineers (Brakeman; Fireman; Heavy Duty Repairman Tender; Oiler; Deckhand; Signalman; Switchman; Tar Pot Fireman); Partsman (heavy duty repair shop parts room)
- Group 2: Compressor Operator; Concrete Mixer (up to and including 1 yd.); Conveyor Belt Operator (tunnel); Fireman Hot Plant; Hydraulic; Monitor; Mechanical Conveyor (handling building materials); Mixer Box Operator (concrete plant); Pump Operator; Spreader Boxman (with screeds); Tar Pot Fireman (power agitated)

POWER EQUIPMENT OPERATORS (Cont'd)
AREAS I and II (Cont'd)

Group 3: Box Operator (bunker); Helicopter Radioman (Signalman); Motor-man; Locomotive (30 tons or under); Oiler; Ross Carrier (construction job site); Rotomist Operator; Screedman (except asphaltic concrete paving); Self-propelled, automatically applied concrete curing machine (on streets, highways, airports and canals); Trenching Machine (maximum digging capacity 5 ft. depth); Tugger Hoist, single drum; Truck Crane Oiler; Boiler Tender

Group 4: Ballast Jack Tamper; Ballast Regulation; Ballast Tamper Multi-purpose; Boxman (asphalt plant); Elevator Operator (inside); Fork Lift or Lumber Stacker (construction job site); Line Master; Material Hoist (1 drum); Shuttlecar; Tie Spacer; Tower Mobile

Group 5: Compressor Operator (over 2); Concrete Mixers (over 1 yd.); Concrete Pumps or Pumpcrete Guns; Generators; Grouting Machine; Pressweld (air operated); Pumps (over 1); Welding Machines (powered other than by electricity)

Group 6: BLH Lima Road Pactor or similar; Boom Truck or Dual Purpose A-Frame Truck; Concrete Batch Plants (wet or dry); Concrete Saws (self-propelled unit) on streets, highways, airports and canals; Drilling and Boring Machinery, vertical and horizontal (not to apply to Waterliners, Wagon Drills or Jackhammers); Gradesetter, Grade Checker (mechanical or otherwise); Highline Cableway Signalman; Locomotives (steam of over 30 tons); Maginnis Internal Full Slab Vibrator (on airports, highways, canals and warehouses); Mechanical Finishers (concrete) (Clary, Johnson, Bidwell Bridge Deck or similar types); Mechanical Burn, Curb and/or Curb and Gutter Machine, concrete or asphalt; Portable Crusher; Post Driver (M-1500 and similar); Power Jumbo Operator (setting slip forms, etc. in tunnel); Roller (except asphalt); Screedman (Barber-Greene and similar) (asphaltic concrete paving); Self-propelled Compactor (single engine); Self-propelled Pipeline Wrapping Machine, Perault, CRC, or similar types; Slip Forms Pumps (lifting device for concrete forms); Small Rubber Tired Tractor; Surface Heater; Self-propelled Power Sweeper; Self-propelled Tape Machine; Auger-type drilling equipment, up to and including 30 ft. depth digging capacity M.R.C.

Group 7: Concrete Conveyor or Concrete Pump, Truck or equipment mounted (boom length to apply); Concrete Conveyor, building site; Deck Engineers; Dual Drum Mixer; Fuller Kenyon Pump and similar types; Gantry Rider (or similar); Hydra-hammer (or similar); Material Hoist (2 or more drums); Mechanical Finishers or Spreader Machine (asphalt, Barber-Greene and similar); Mine or Shaft Hoist; Mixermobile; Pavement Breaker with or without Compressor Combination; Pipe Bending Machine (pipelines only); Pipe Cleaning Machine (tractor propelled and supported); Pipe Wrapping Machine (tractor propelled and supported); Refrigeration Plant; Roller Operator (finish asphalt); Self-propelled boom type lifting device (center mount) (10 tons or less M.R.C.); Self-propelled Elevating Grader Plane; Slusher Operator; Small Tractor (with boom); Soil Tester; Truck type Loader; Welding Machines (gasoline or diesel)

POWER EQUIPMENT OPERATORS (Cont'd)
AREAS I and II (Cont'd)

Group 8: Armor-Coater (or similar); Asphalt Plant Engineer; Cast-in-place Pipe Laying Machine; Combination Slusher and Motor Operator; Concrete Batch Plant (multiple units); Dozer; Heading Shield Operator; Heavy Duty Repairman and/or Welder; Ken Seal Machine (or similar); Kolman Loader; Loader (up to 2 yds.); Mechanical Trench Shield; Portable Crushing and Screening Plants; Push Cat; Rubber Tired Earth-moving Equipment (up to and including 45 cu. yds. "struck" M.R.C.) (Euclids, T-Pulls, DW-10, 20, 21, and similar); Rubber Tired Dozer; Self-propelled Compactor with Dozer; Sheepfoot; Timber Skidder (rubber tired or similar equipment); Tractor drawn Scraper; Tractor; Trenching Machine; Tri-batch Paver; Tunnel Mole Boring Machine; Welder; Woods-mixer (and other similar Pugmill equipment)

Group 9: Canal Finger Drain Digger; Chicago Boom; Combination Mixer and Compressor (Gunitite); Combination Slurry Mixer and/or Cleaner; Highline Cableway (5 tons and under); Lull Hi-lift or similar (20 ft. or over); Mucking Machine (rubber tired, rail or track type); Tractor (with boom) (D-6 or larger and similar)

Group 10: Boom-type Backfilling Machine; Bridge Crane; Cargy-lift (or similar); Chemical Grouting Machine, truck mounted; Combination Backhoe and Loader (up to and including 1/2 cu. yd. M.R.C.); Derrick (2 operators required when swing engine remote from Hoist); Derrick Barges (except excavation work); Do-mor Loader; Adams Elevator; Elevating Grader; Heavy Duty Rotary Drill Rig (including Caisson Foundation work and Euclid Loader and similar type; Robbins type drills; Koehring Skooper (or similar); Lift Slab Machine; (Vagtberg and similar types); Loader (2 yds. up to and including 4 yds.); Locomotive, 100 tons (single or multiple units); Multiple Engine Earthmoving Machine (Euclids, Dozers, etc.) (no tandem Scraper); Pre-stress Wire Wrapping Machine; Reservoir-debris Tug (self-propelled floating); Rubber-tired Scraper, Self-loading (paddle wheels, etc.); Shuttle Car (reclaim station); Single engine Scraper over 45 yds.; Soil Stabilizer (P & H or equal); Sub-grader (Gurrier or other automatic type); Tractor, Compressor Drill Combination; Track Laying type Earth Moving Machine (single engine with Tandem Scrapers); Train Loading Station; Trenching Machine, multi-engine with sloping attachment, Jeffco or similar; Vacuum Cooling Plant; Whirley Crane (up to and including 25 tons)

Group 10-A: Backhoe (Hydraulic) (up to and including 1 cu. yd. M.R.C.); Backhoe (cable) (up to and including 1 cu. yd. M.R.C.); Combination Backhoe and Loader (over 3/4 cu. yd. M.R.C.); Continuous Flight Tie Back Auger (Crane attached/separate controls); Cranes not over 25 tons, Hammerhead and Gantry; Gradalls (up to and including 1 cu. yd.); Power Blade Operator (single engine); Power Shovels, Clamshells, Draglines (up to and including 1 cu. yd. M.R.C.) (Long Boom Pay); Rubber-tired Scraper, self-loading (Paddle Wheel, twin engine); Self-propelled Boom-type lifting device (center mount) (over 10 tons up to and including 25 tons); CMI Dual Lane Auto Grader SP-30 or similar

POWER EQUIPMENT OPERATORS (Cont'd)
AREAS I and II (Cont'd)

Group 11: Automatic Concrete Slip-form Paver (Gradesetter, Screedman); Automatic Railroad Car Dumper; Canal Trimmer with ditching attachments; Cary Lift, Campbell or similar, Continuous Flight Tie Back Auger (Crane attached, single controls); Cranes (over 25 tons up to and including 125 tons); Drott Travelift 650-A-1 or similar (45 ton or over); Euclid Loader when controlled from the Pullcat; Highline Cableway (over 5 tons); Loader (over 4 cu. yds., up to and including 12 cu. yds.); Miller Formless M-900 Slope Paver or similar (Grade Setter required); Multiple Engine Scraper (when used as Push Pull); Power Blade Operator (multi-engine); Power Shovels, Clamshells, Draglines, Backhoes, Gradalls (over 1 cu. yd. and up to and including 7 cu. yds. M.R.C., Long Boom Pay); Rubber-tired Earthmoving Machines (multiple propulsion power units and two or more Scrapers) (up to and including 75 cu. yds. "struck" M.R.C.); Self-propelled Compactor Boom-type lifting device (center mount) (over 25 tons M.R.C.); Single engine Rubber-tired Earthmoving Machines (with Tandem Scrapers); Slip-form Paver (concrete or asphalt) (Screedman required); Tandem Cats; Tower Cranes Mobile (including rail mounted); Trencher (pulling attached shield); Tower Cranes, Universal Liebherr and similar types (in the erection, dismantling and moving of equipment); Wheel Excavator (up to and including 750 cu. yds. per hour); Whirley Crane (over 25 tons); Multi-earthmoving Equipment (up to and including 75 cu. yds. "struck" M.R.C.); Truck mounted Hydraulic Crane when remote control equipped (over 10 tons up to and including 25 tons)

Group 11-A: Band Wagons (in conjunction with wheel excavator); Cranes (over 125 tons); Loader (over 12 cu. yds., up to and including 18 cu. yds.); Power Shovels, Clamshells, Backhoes, Gradalls, and Draglines (over 7 cu. yds. M.R.C.); Rubber-tired Multi-purpose Earth Moving Machines (2 units over 75 cu. yds. "struck" M.R.C.); Wheel Excavator (over 750 cu. yds. per hour)

Group 11-B: Loader (over 18 yards)

Group 11-C: Operator of Helicopter (when used in erection work); Remote controlled Earthmoving equipment

POWER EQUIPMENT OPERATORS (Cont'd)

DREDGING

AREA DEFINITIONS FOR SCHEDULES I and II

Four Centers designated: City Halls of Oakland, San Francisco,
Sacramento and Stockton, California

Area 1: Up to 20 road miles from said Centers

Area 2: More than 20 road miles to and including 30 road miles
from said Centers

Area 3: Outside of 30 road miles from said Centers

Area 4: An area extending 25 road miles from shoreline of Lake Tahoe

SCHEDULE I

CLAMSHELL and DIPPER DREDGING (New Construction)

Group 1: Bargeman; Deckhand; Fireman; Oiler

Group 2: Deck Engineers; Deck Mate

Group 3: Welder; Mechanic Welder; Watch Engineer

Group 4: Clamshell Operator (up to and including 7 cu. yds.
M.R.C.) (Long Boom Pay)

Group 4A: Clamshell Operator (over 7 cu. yds. M.R.C.) (Long
Boom Pay)

SCHEDULE II

HYDRAULIC SUCTION DREDGING and all other CLAMSHELL and DIPPER DREDGING

Group A-1: Bargeman; Deckhand; Leveehand; Fireman; Oiler

Group A-2: Winchman (Stern Winch on Dredge); Deck Engineer

Group A-3: Watch Engineer; Welder; Welder Mechanic; Deckmate;
Booster Pump Operator (Mud Cat)

Group A-4: Leverman; Clamshell Operator

PILEDIVING

Group 1: Assistant to Engineer (Fireman, Oiler, Deckhand)

Group 1A: Compressor Operator

Group 1B: Assistant to Engineer (Truck Crane Oiler)

Group 2A: Tugger Hoist Operator (hoisting material only)

Group 2B: Forklift Operator

POWER EQUIPMENT OPERATORS (Cont'd)
PILEDIVING (Cont'd)

Group 2C: Compressor Operator (over 2); Generators; Pumps (over 4);
Welding Machines (powered by other than electricity)

Group 2D: A-Frames

Group 3: Deck Engineer (Deck Engineer Operator required when deck
engine is used); Self-propelled Boom-type lifting device (center
mount) (10 ton capacity or less M.R.C.)

Group 3A: Heavy Duty Repairman and/or Welder

Group 4: Operating Engineer in lieu of Assistant to Engineer
tending boiler or compressor attached to Crane Piledriver; Operator
of Piledriving Rigs, Skid or Floating and Derrick Barges (Assistant
to Engineer required); Operator of diesel or gasoline power Crane
Piledriver (without boiler) up to and including 1 cu. yd. rating
(Assistant to Engineer required); Self-propelled Boom-type lifting
device (center mount) (over 10 tons up to and including 25 tons);
Truck Crane Operator (up to and including 25 tons) (hoisting material
only) (Assistant to Engineer required)

Group 5: Operator of diesel or gasoline powered Crane Piledriver
(with boiler) over 1 cu. yd. rating (Assistant to Engineer re-
quired); Operator of Crane (with steam, flash boiler, pump or com-
pressor attached) (Group 4 Engineer required); Operator of steam
powered Crawler or Universal type Driver (Raymond or similar)
(Assistant to Engineer required) Truck Crane Operator (over 25
tons) (hoisting material or performing Piledriving work) (Assis-
tant to Engineer required); Self-propelled Boom-type lifting device
(center mount) (over 25 tons) (Assistant to Engineer required)

Group 6: Cranes (over 125 tons) (Assistant to Engineer required)

STEEL ERECTION

Group 1: Assistant to Engineer (Oiler)

Group 2: Compressor Operator, Generator, gasoline or diesel driven
(100 K.W. or over) (structural steel or tank construction only)

Group 3: Compressors, Generators and/or Welding Machines or com-
bination (2 to 6) (Over 6 additional Engineers required) (structural
steel or tank erection only)

Group 4: Heavy Duty Repairman, Tractor Operator

Group 4A: Combination Heavy Duty Repairman and/or Welder

**POWER EQUIPMENT OPERATORS (Cont'd)
STEEL ERECTION (Cont'd)**

Group 5: Boom Truck or Dual Purpose A-Frame Truck; Boom Cat; Chicago Boom; Crawler Cranes and Truck Cranes (15 tons M.R.C. or less) (Assistant to Engineer required); Self-propelled Boom type lifting device (center mount) (10 ton capacity or less M.R.C.); Single drum Hoist; Tugger Hoist

Group 6: Cary Lift, Campbell or similar; Crawler Cranes and Truck Cranes (over 15 tons M.R.C.) (Assistant to Engineer required); Dericks (2 Operators when swing engine remote from hoist); Gantry Rider (or similar equipment); High-line Cableway (Signalman required); Self-propelled Boom-type lifting device (center mount) (over 10 tons up to and including 25 tons); Tower Cranes Mobile including rail mounted (Assistant to Engineer required); Tower Cranes, Universal Liebherr and similar types (in the erection, dismantling and moving of equipment there shall be an additional Operating Engineer)

Group 7: Self-propelled Boom-type lifting device (center mount) (over 25 tons) (Assistant to Engineer required)

Group 8: Cranes (over 125 tons) (Assistant to Engineer required)

Group 9: Helicopter Operator

TRUCK DRIVERS

Group 1: Bulk Cement Spreader (w/wo Auger, under 4 yds. water level); Bus or Manhaul Driver; Concrete Pump Machine; Concrete Pump Truck (when Flat Rack Truck is used appropriate Flat Rack rate shall apply); Dump (under 4 yds. water level); Dumpcrete Truck (under 4 yds. water level); Dumpster (under 4 yds. water level); Escort or Pilot Car Driver; Nipper Truck (when Flat Rack Truck is used appropriate Flat Rack rate shall apply); Pickups; Skids (Debris Box, under 4 yds. water level); Team Drivers; Trucks (Dry Pre-batch Concrete Mix, under 4 yds. water level); Warehousemen

Group 2: Teamster Oiler and/or Greaser and/or Service Man

Group 3: Bulk Cement Spreader (w/wo Auger, 4 yd. and under 6 yds. water level); Dump (4 yds. and under 6 yds. water level); Dumpcrete (4 yds. and under 6 yds. water level); Dumpster (4 yds. and under 6 yds. water level); Skids (Debris Box, 4 yds. and under 6 yds. water level); Single Unit Flat Rack (2 axle unit); Industrial Lift Truck (mechanical Tailgate); Trucks (Dry Pre-batch Concrete Mix, 4 yds. and under 6 yds. water level)

Group 4: Jetting Truck and Water Truck (under 2,500 gallons)

Group 5: Road Oil Trucks or Boot Man

TRUCK DRIVERS (Cont'd)

- Group 6: Lift Jitneys, Fork Lift
- Group 7: Transit Mix, Agitator (under 6 yds.)
- Group 8: Fuel and/or Grease Truck Driver or Fuelman
- Group 9: Vacuum Truck, under 3,500 gallons
- Group 10: Scissor Truck; Single unit Flat Rack (2 axle unit); Industrial Lift Truck (mechanical tailgate); Small rubber tired tractor (when used within Teamsters' jurisdiction)
- Group 11: Jetting Truck and Water Trucks, 2,500 gallons and under 4,000 gallons
- Group 12: Combination Winch Truck with Hoist; Transit Mix Agitator (6 yds. and under 8 yds.)
- Group 13: Vacuum Truck, 3,500 gallons and under 5,500 gallons
- Group 14: Rubber-tired Muck Car (not self-loaded)
- Group 15: Bulk Cement Spreader (w/wo Auger, 6 yds. and under 8 yds. water level); Dump (6 yds. and under 8 yds. water level); Dumpcrete (6 yds. and under 8 yds. water level); Dumpster (6 yds. and under 8 yds. water level); Skids (Debris Box, 6 yds. and under 8 yds. water level); Trucks (Dry Pre-batch Concrete Mix, 6 yds. and under 8 yds. water level)
- Group 16: A-Frame, Winch Truck; Buggymobile; Jetting and Water Truck (4,000 gallons and under 5,000 gallons); Rubber tired Jumbo
- Group 17: Heavy Duty Transport (high bed)
- Group 18: Ross Hyster and similar Straddle Carrier
- Group 19: Transit Mix Agitator (8 yds. through 10 yds.)
- Group 20: Vacuum Truck (5,500 gallons and under 7,500 gallons)
- Group 21: Jetting Truck and Water Truck (5,000 gallons and under 7,000 gallons)
- Group 22: Combination Bootman and Road Oiler
- Group 23: Transit Mix Agitator (over 10 yds. through 12 yds.)
- Group 24: Bulk Cement Spreader (w/wo Auger, 8 yds. and including 12 yds. water level); Dump (8 yds. and including 12 yds. water level); Dumpcrete (8 yds. and including 12 yds. water level); Self-propelled Street Sweeper with self-contained refuse bin; Skids (Debris Box, 8 yds. and including 12 yds. water level); Snow Go and/or Snow Plow; Truck (Dry Pre-batch Concrete Mix, 8 yds. and including 12 yds. water level)

TRUCK DRIVERS (Cont'd)

- Group 25: Heavy Duty Transport (Gooseneck Lowbed)
- Group 26: Transit Mix Agitator (over 12 yds. through 17 yds.)
- Group 27: Ammonia Nitrate Distributor Driver and Mixer; Bulk Cement Spreader (w/wo Auger, over 12 yds. and including 18 yds. water level); Dump (over 12 yds., and including 18 yds. water level); Dumpcrete (over 12 yds. and including 18 yds. water level); Dumpster (over 12 yds. and including 18 yds. water level); Truck (Dry Pre-batch Concrete Mix, over 12 yds. and including 18 yds. water level)
- Group 28: Double Gooseneck (7 or more axles); Heavy Duty Transport Tiller Man
- Group 29: P.B. or similar type self-loading Truck
- Group 30: Transit Mix Agitator (over 14 yds. through 16 yds.)
- Group 31: Bulk Cement Spreader (w/wo Auger, over 18 yds. and including 24 yds. water level); Combination Dump and Dump Trailer; Dump (over 18 yds. and including 24 yds. water level); Dumpcrete (over 18 yds. and including 24 yds. water level); Dumpster (over 18 yds. and including 24 yds. water level); Skid (Debris Box, over 18 yds. and including 24 yds. water level); Transit Mix Agitator (over 12 yds. through 16 yds.); Trucks (Dry Pre-batch Concrete Mix, over 18 yds. and including 24 yds. water level)
- Group 32: Bulk Cement Spreader (w/wo Auger, over 24 yds. and including 35 yds. water level); Dump (over 24 yds. and including 35 yds. water level); Dumpcrete (over 24 yds. and including 35 yds. water level); Dumpster (over 24 yds. and including 35 yds. water level); DW 10's, 20's, 21's and other similar Cat type, Terra Cobra, LeTournapulls, Tournarocker, Euclid and similar type equipment when pulling Fuel and/or Grease Tank Trailers or other misc. Trailers; Skids (Debris Box, over 24 yds. and including 35 yds. water level); Trucks (Dry Pre-batch Concrete Mix, over 24 yds. and including 35 yds. water level)
- Group 33: Truck Repairman
- Group 34: Bulk Cement Spreader (w/wo Auger, over 35 yds. and including 50 yds. water level); Dump (over 35 yds. and including 40 yds. water level); Dumpcrete (over 35 yds. and including 50 yds. water level); Dumpster (over 35 yds. and including 50 yds. water level); Skids (Debris Box, over 35 yds. and including 50 yds. water level); Trucks (Dry Pre-batch Concrete Mix, over 35 yds. and including 50 yds. water level)
- Group 35: DW 10's 20's, 21's and other similar Cat type, Terra Cobra, LeTournapulls, Tournarocker, Euclid and similar type equipment when pulling Aqua/Pak or Water Tank Trailers

TRUCK DRIVERS (Cont'd)

Group 36: Bulk Cement Spreader (w/wo Auger, over 50 yds. and under 65 yds. water level); Dump (over 50 yds. and under 65 yds. water level); Dumpcrete (over 50 yds. and under 65 yds. water level); Dumpster (over 50 yds. and under 65 yds. water level); Helicopter Pilot (when transporting men or materials); Skids (Debris Box, over 50 yds. and under 65 yds. water level); Trucks (Dry Pre-batch Concrete Mix, over 50 yds. and under 65 yds. water level)

Group 37: Bulk Cement Spreader (w/wo Auger, over 65 yds. and including 80 yds. water level); Dump (65 yds. and including 80 yds. water level); Dumpcrete (over 65 yds. and including 80 yds. water level); Dumpster (over 65 yds. and including 80 yds. water level); Skids (Debris Box, 65 yds. and including 80 yds. water level); Trucks (Dry Pre-batch Concrete Mix, 65 yds. and including 80 yds. water level)

Group 38: Bulk Cement Spreader (w/wo Auger, over 80 yds. and including 95 yds. water level); Dump (over 80 yds. and including 95 yds. water level); Dumpcrete (over 80 yds. and including 95 yds. water level); Dumpster (over 80 yds. and including 95 yds. water level); Skids (Debris Box, over 80 yds. and including 95 yds. water level); Trucks (Dry Pre-batch Concrete Mix, over 80 yds. and including 95 yds. water level)

AREA DESCRIPTIONS
FOR
POWER EQUIPMENT OPERATORS
AREAS I and II

**AREA I: All areas included in the description defined below which is based upon Township and Range Lines of AREAS I and II.

Commencing in the Pacific Ocean on the extension of the Southerly line of Township 19S.

Thence Easterly along the Southerly line to Township 19S, crossing the Mt. Diablo Meridian to the S.W. corner of Township 19S, range 6E, Mt. Diablo Base Line and Meridian, Thence Southerly to the S.W. corner of township 20S, range 6E, Thence Easterly to the S.W. corner of township 20S, range 13E, Thence Southerly to the S.W. corner of township 21S, range 13E, Thence Easterly to the S.W. corner of township 21S, range 17E, Thence Southerly to the S.W. corner of township 22S, range 17E, Thence Easterly to the S.E. corner of township 22S, range 17E, Thence Southerly to the S.W. corner of township 23S, range 18E, Thence Easterly to the S.E. corner of township 23S, range 18E, Thence Southerly to the S.W. corner of township 24S, range 19E, falling on the Southerly Line of Kings County, thence Easterly along the Southerly Boundary of Kings County and the Southerly Boundary of Tulare County, to the S.E. corner of township 24S, range 29E,

AREA DESCRIPTIONS (Cont'd)
FOR
POWER EQUIPMENT OPERATORS
AREAS I and II

Thence Northerly to the N.E. corner of township 21S, range 29E,
Thence Westerly to the N.W. corner of township 21S, range 29E,
Thence Northerly to the N.E. corner of township 13S, range 28E,
Thence Westerly to the N.W. corner of township 13S, range 28E,
Thence Northerly to the N.E. corner of township 11S, range 27E,
Thence Westerly to the N.W. corner of township 11S, range 27E,
Thence Northerly to the N.E. corner of township 10S, range 26E,
Thence Westerly to the N.W. corner of township 10S, range 26E,
Thence Northerly to the N.E. corner of township 9S, range 25E,
Thence Westerly to the N.W. corner of township 9S, range 25E,
Thence Northerly to the N.E. corner of township 8S, range 24E,
Thence Westerly to the N.W. corner of township 8S, range 24E,
Thence Northerly to the N.E. corner of township 6S, range 23E,
Thence Westerly to the S.E. corner of township 5S, range 19E,
Thence Northerly to the S.E. corner of township 5S, range 19E,
Thence Westerly to the N.W. corner of township 5S, range 19E,
Thence Northerly to the N.E. corner of township 3S, range 18E,
Thence Westerly to the N.W. corner of township 3S, range 18E,
Thence Northerly to the N.E. corner of township 2S, range 17E,
Thence Westerly to the N.W. corner of township 2S, range 17E,
Thence Northerly crossing the Mt. Diablo Baseline to the N.E.
corner of township 2N, range 16E,
Thence Westerly to the N.W. corner of township 2N, range 16E,
Thence Northerly to the N.E. corner of township 3N, range 15E,
Thence Westerly to the N.E. corner of township 3N, range 15E,
Thence Northerly to the N.E. corner of township 4N, range 14E,
Thence Westerly to the N.W. corner of township 4N, range 14E,
Thence Northerly to the N.E. corner of township 5N, range 13E,
Thence Westerly to the N.E. corner of township 5N, range 13E,
Thence Northerly to the N.E. corner of township 10N, range 12E,
Thence Easterly to the S.E. corner of township 11N, range 14E,
Thence Northerly to the N.E. corner of township 11N, range 14E,
Thence Westerly to the N.E. corner of township 11N, range 14E,
Thence Northerly to the N.E. corner of township 15N, range 10E,
Thence Easterly to the S.E. corner of township 16N, range 11E,
Thence Northerly to the N.E. corner of township 16N, range 11E,
Thence Easterly to the S.E. corner of township 17N, range 14E,
Thence Southerly to the S.W. corner of township 14N, range 14E,
Thence Easterly to the S.E. corner of township 14N, range 15E,
Thence Southerly to the S.W. corner of township 13N, range 16E,
Thence Easterly to the S.E. corner of township 13N, range 16E,
Thence Southerly to the S.W. corner of township 12N, range 17E,
Thence Easterly along the Southern Line to township 12N to the
Eastern Boundary of the State of California, to the State of
California to the N.E. corner of township 17N, range 18E,
Thence Westerly to the N.W. corner of township 17N, range 11E,
Thence Northerly to the N.E. corner of township 20N, range 10E,

AREA DESCRIPTIONS (Cont'd)
FOR
POWER EQUIPMENT OPERATORS
AREAS I and II

Thence Westerly to the N.W. corner of township 20N, range 20E,
Thence Northerly to the N.E. corner of township 21N, range 9E,
Thence Westerly to the N.W. corner of township 21N, range 9E,
Thence Northerly to the N.E. corner of township 22N, range 8E,
Thence Westerly to the N.W. corner of township 27N, range 8E,
Thence Northerly to the S.W. corner of township 27N, range 8E,
Thence Easterly to the S.E. corner of township 27N, range 8E,
Thence Northerly to the N.E. corner of township 28N, range 8E,
Thence Westerly to the N.W. corner of township 28N, range 7E,
Thence Northerly to the N.E. corner of township 30N, range 6E,
Thence Westerly to the N.W. corner of township 30N, range 1E,
Thence Northerly along the Mt. Diablo Meridian to the N.E. corner
of Township 34N, range 1W,
Thence Westerly to the N.W. corner of township 34N, range 6W,
Thence Southerly to the N.E. corner of township 32N, range 7W,
Thence Westerly to the N.W. corner of township 32N, range 7W,
Thence Southerly to the S.W. corner of township 30N, range 7W,
Thence Easterly to the S.E. corner of township 30N, range 7W,
Thence Southerly to the S.W. corner of township 16N, range 6W,
Thence Easterly to the S.E. corner of township 16N, range 6W,
Thence Southerly to the S.W. corner of township 14N, range 5W,
Thence Westerly to the S.E. corner of township 14N, range 7W,
Thence Northerly to the N.E. corner of township 14N, range 7W,
Thence Westerly to the N.W. corner of township 14N, range 7W,
Thence Northerly to the N.E. corner of township 15N, range 8W,
Thence Westerly to the S.E. corner of township 16N, range 12W,
Thence Northerly to the N.E. corner of township 16N, range 12W,
Thence Westerly to the N.W. corner of township 16N, range 12W,
Thence Northerly to the N.E. corner of township 18N, range 12W,
Thence Westerly to the N.W. corner of township 18N, range 14W,
Thence Southerly to the S.W. corner of township 18N, range 14W,
Thence Easterly to the S.E. corner of township 18N, range 14W,
Thence Southerly to the S.W. corner of township 16N, range 13W,
Thence Westerly to the N.W. corner of township 15N, range 14W,
Thence Southerly to the S.W. corner of township 14N, range 14W,
Thence Easterly to the S.E. corner of township 17N, range 14W,
Thence Southerly to the S.W. corner of township 13N, range 13W,
Thence Easterly to the S.E. corner of township 13N, range 13W,
Thence Southerly to the S.W. corner of township 11N, range 12W,
Thence Easterly to the S.E. corner of township 11N, range 12W,
Thence Southerly along the Eastern Line to range 12W, to the
Pacific Ocean excluding that portion of Northern California
within Santa Clara County included within the following line:
Commencing at the N.W. corner of township 6S, range 3E,
Mt. Diablo Baseline and Meridian:
Thence in a Southerly direction to the S.W. corner of township
7S, range 3E,
Thence in a Easterly direction to the S.E. corner of township
7S, range 4E,
Thence in a Northerly direction to the N.E. corner of township
6S, range 4E,

AREA DESCRIPTIONS (Cont'd)
for
POWER EQUIPMENT OPERATORS
AREAS I and II

Thence in a Westerly direction to the N.W. corner of township 6S, range 3E, to the point of beginning which portion is a part of Area 2.

AREA 1: also includes that portion of Northern California within the following lines:

Commencing in the Pacific Ocean on an extension of the Southerly line to township 2N, Humboldt Baseline and Meridian:
Thence Easterly along the Southerly line to Township 2N, to the S.W. corner of Township 2N, range 1W,
Thence Southerly to the S.W. corner of township 1N, range 1W,
Thence Easterly along the Humboldt Baseline to the S.W. corner of township 1N, range 2E,
Thence Southerly to the S.W. corner of township 2S, range 2E,
Thence Easterly to the S.E. corner of township 2S, range 2E,
Thence Southerly to the S.W. corner of township 4S, range 3E,
Thence Easterly to the S.E. corner of township 4S, range 3E,
Thence Northerly to the N.E. corner of township 2S, range 3E,
Thence Westerly to the N.W. corner of township 2S, range 3E,
Thence Northerly crossing the Humboldt Baseline to the S.W. corner of township 1N, range 3E,
Thence Easterly along the Humboldt Baseline to the S.E. corner of township 1N, range 3E,
Thence Northerly to the N.E. corner of township 9N, range 3E,
Thence Westerly to the N.W. corner of township 9N, range 2E,
Thence Northerly to the N.E. corner of township 10N, range 1E,
Thence Westerly along the Northerly line to township 10N, into the Pacific Ocean.

AREA I: also includes that portion of Northern California included within the following lines:

Commencing at the Northerly boundary of the State of California at the N.W. corner of township 48N, range 7W, Mt. Diablo Baseline and Meridian:
Thence Southerly to the S.W. corner of township 44N, range 7W,
Thence Easterly to the S.E. corner of township 44N, range 7W,
Thence Southerly to the S.W. corner of township 43N, range 6W,
Thence Easterly to the S.E. corner of township 43N, range 5W,
Thence Northerly to the N.E. corner of township 48N, range 5W, on the Northerly boundary of the State of California,
Thence Westerly along the Northerly boundary of the State of California to the point of beginning.

AREA II: All areas not included within AREA I as defined.

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) (ii))

2. This Contractor shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under the contract.

STANDARD CALIFORNIA NONDISCRIMINATION CONSTRUCTION CONTRACT
SPECIFICATIONS (GOVERNMENT CODE, SECTION 12990)

These specifications are applicable to all state contractors and subcontractors having a construction contract or subcontract of \$5,000 or more.

1. As used in the specifications:
 - (a) "Administrator" means Administrator, Office of Compliance Programs, California Department of Fair Employment and Housing, or any person to whom the Administrator delegates authority;
 - (b) "Minority" includes:
 - (i) Black (all persons having primary origins in any of the black racial groups of Africa, but not of Hispanic origin);
 - (ii) Hispanic (all persons of primary culture or origin in Mexico, Puerto Rico, Cuba, Central or South America or other Spanish derived culture or origin regardless of race);
 - (iii) Asian/Pacific Islander (all persons having primary origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent or the Pacific Islands); and
 - (iv) American Indian/Alaskan Native (all persons having primary origins in any of the original peoples of North America and who maintain culture identification through tribal affiliation or community recognition).
2. Whenever the Contractor or any subcontractor subcontracts a portion of the work, it shall physically include in each subcontract of \$5,000 or more the nondiscrimination clause in this contract directly or through incorporation by reference. Any subcontract for work involving a construction trade shall also include the Standard California (nondiscrimination) Construction Contract Specifications, either directly or through incorporation by reference;
3. The Contractor shall implement the specific nondiscrimination standards provided in paragraphs 6(a) through (e) of these specifications;
4. Neither the provisions of any collective bargaining agreement, nor the failure by a union with whom the Contractor has a collective bargaining agreement, to refer either minorities or women shall excuse the contractor's

obligations under these specifications, Government Code, Section 12990, or the regulations promulgated pursuant thereto;

5. In order for the nonworking training hours of apprentices and trainees to be counted, such apprentices and trainees must be employed by the Contractor during the training period, and the Contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees must be trained pursuant to training programs approved by the U.S. Department of Labor or the California Department of Industrial Relations.
6. The Contractor shall take specific actions to implement its nondiscrimination program. The evaluation of the contractor's compliance with these specifications shall be based upon its effort to achieve maximum results from its actions. The Contractor must be able to demonstrate fully its efforts under Steps a. through e. below:
 - a. Ensure and maintain a working environment free of harassment, intimidation and coercion at all sites, and at all facilities at which the contractor's employees are assigned to work. The Contractor, where possible, will assign two or more women to each construction project. The Contractor shall specifically ensure that all foremen, superintendents, and other onsite supervisory personnel are aware of and carry out the contractor's obligations to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities;
 - b. (Reserved);
 - c. Disseminate the Contractor's equal employment opportunity policy by providing notice of the policy to unions and training, recruitment and outreach programs and requesting their cooperation in assisting the Contractor to meet its obligations; and by posting the company policy on bulletin boards accessible to all employees at each location where construction work is performed;
 - d. Ensure all personnel making management and employment decisions regarding hiring, assignment, layoff, termination, conditions of work, training, rates of pay or other employment decisions, including all supervisory personnel, superintendents, general foremen, onsite foremen, etc., are aware of the Contractor's equal employment opportunity policy and obligations, and discharge their responsibilities accordingly;
 - e. Ensure that seniority practices, job classifications, work assignment and other personnel practices, do not have a

discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the equal employment opportunity policy and the Contractor's obligations under these specifications are being carried out.

7. Contractors are encouraged to participate in voluntary associations which assist in fulfilling their equal employment opportunity obligations. The efforts of a Contractor association, joint contractor-union, contractor-community, or other similar group of which the Contractor is a member and participant, may be asserted as fulfilling any one or more of its obligations under these specifications provided that the Contractor actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry, ensures that the concrete benefits of the program are reflected in the Contractor's minority and female workforce participation, and can provide access to documentation which demonstrates the effectiveness of actions taken on behalf of the Contractor. The obligation to comply, however, is the Contractor's;
8. The Contractor is required to provide equal employment opportunity for all minority groups, both male and female, and opportunity for all minority groups, both male and female, and all women, both minority and non-minority.

Consequently, the Contractor may be in violation of the Fair Employment and Housing Act (Gov. Code, Section 12990 et seq.) if a particular group is employed in a substantially disparate manner;

9. Establishment and implementation of a bona fide affirmative action plan pursuant to Section 8104 (b) of this Chapter shall create a rebuttal presumption that a Contractor is in compliance with the requirements of Section 12990 of the Government code and its implementing regulations;
10. The Contractor shall not use the nondiscrimination standards to discriminate against any person because of race, color, religion, sex, national origin, ancestry, physical handicap, medical condition, marital status or age over 40;
11. (Reserved);
12. (Reserved);
13. The Contractor shall designate a responsible official to monitor all employment related activity to ensure that the company equal employment opportunity policy is being carried out, to submit reports relating to the provisions hereof as may be required by OCP and to keep records. Records shall at least include for each employee the name, address, telephone numbers, construction trade, union affiliation if any,

employee identification number when assigned, social security number, race, sex, status, (e.g., mechanic, apprentice, trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in any easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, contractors shall not be required to maintain separate records.

NOTE: Authority cited: Sections 12935(a) and 12990(d), Government Code. Reference: Section 12990, Government Code.

5A-1.07 PAYROLL RECORDS The first paragraph in Section 7-1.01C, "Payroll Records," of the Standard Specifications is amended to read:

The Contractor's attention is directed to the provisions of Labor Code Section 1776, a portion of which is quoted below. Regulations implementing said Section 1776 are located in Sections 16016 through 16019 and Sections 16207.10 through 16207.19 of Title 8, California Administrative Code. The Contractor shall be responsible for compliance by Contractor's subcontractors.

- (a) Each Contractor and subcontractor shall keep an accurate payroll record, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed by him or her in connection with the public work;
- (b) The payroll records enumerated under subdivision (a) shall be certified and shall be available for inspection at all reasonable hours at the principal office of the Contractor on the following basis:
 - (1) A certified copy of an employee's payroll record shall be made available for inspection or furnished to such employee or his or her authorized representative on request;
 - (2) A certified copy of all payroll records enumerated in subdivision (a) shall be made available for inspection or furnished upon request to a representative of the body awarding the contract, the Division of Labor Standards Enforcement and the Division of Apprenticeship Standards of the Department of Industrial Relations;
 - (3) A certified copy of all payroll records enumerated in subdivision (a) shall be made available upon request by the public for inspection or copies thereof made; provided, however, that a request by the public shall be made through either the body awarding the contract, the

Division of Apprenticeship Standards, or the Division of Labor Standards Enforcement. If the requested payroll records have not been provided pursuant to paragraph (2) the requesting party shall, prior to being provided the records, reimburse the cost of preparation by the Contractor, subcontractors and the entity through which the request was made. The public shall not be given access to such records at the principal office of the Contractor;

- (c) Each Contractor shall file a certified copy of the records enumerated in subdivision (a) with the entity that request such records within 10 days after receipt of a written request;
- (d) Any copy of records made available for inspection as copies and furnished upon request to the public or any public agency by the awarding body, the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement shall be marked or obliterated in such a manner as to prevent disclosure of an individual's name, address and social security number. The name and address of the Contractor awarded the contract or performing the contract shall not be marked or obliterated;
- (e) The Contractor shall inform the body awarding the contract of the location of the records enumerated under subdivision (a), including the street address, city and county, and shall, within five working days, provide a notice of a change of location and address;
- (f) In the event of noncompliance with the requirements of this section, the Contractor shall have 10 days in which to comply subsequent to receipt of written notice specifying in what respects such Contractor must comply with this section. Should noncompliance still be evident after such 10-day period, the Contractor shall, as a penalty to the state or political subdivision on whose behalf the contract is made or awarded, forfeit twenty-five dollars (\$25) for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement, such penalties shall be withheld from progress payments then due.

5A-1.08 DB and WBE RECORDS The Contractor shall maintain records of all subcontracts entered into with certified DB and WBE subcontractors and records of materials purchased from certified DB and WBE suppliers. Such records shall show the name and business address of each DB and WBE subcontractor or vendor and the total dollar amount actually paid each DB and WBE subcontractor or vendor.

Upon completion of the contract, a summary of these records shall be prepared and certified correct by the Contractor or Contractor's authorized representative, and shall be furnished to the Engineer.

5A-1.09 SUBCONTRACTING Attention is directed to the provisions in Section 8-1.01, "Subcontracting," of the Standard Specifications, Section 2, "Proposal Requirements and Conditions," Section 3, "Submission of DB and WBE Information, Award, and Execution of Contract," elsewhere in these Special Provisions.

The DB and WBE information furnished under Section 3-1.02, "DB and WBE Information," of these Special Provisions is in addition to the subcontractor information required to be furnished under said Section 5-1.06, "Subcontracting."

In accordance with the Federal DB and WBE regulations (Section 23.45(f)(2) Part 23, Title 49 CFR):

1. No substitution of a DB or WBE subcontractor shall be made at any time without the written consent of the Department; and,
2. If a DB or WBE subcontractor is unable to perform successfully and is to be replaced, the Contractor will be required to make good faith efforts to replace the original DB and WBE subcontractor with another DB or WBE subcontractor.

Federal Labor Standards Provisions

U.S. Department of Housing
and Urban Development

Applicability

The Project or Program to which the construction work covered by this contract pertains is being assisted by the United States of America and the following Federal Labor Standards Provisions are included in this Contract pursuant to the provisions applicable to such Federal assistance.

A. 1. (i) **Minimum Wages.** All laborers and mechanics employed or working upon the site of the work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the project), will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR Part 3), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics. Contributions made or costs reasonably anticipated for bona fide fringe benefits under Section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of 29 CFR 5.5(a)(1)(iv); also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs, which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period.

Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR Part 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein. Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under 29 CFR Part 5.5(a)(1)(ii) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

(ii) (a) Any class of laborers or mechanics which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. HUD shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

- (1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and
- (2) The classification is utilized in the area by the construction industry; and
- (3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(b) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and HUD or its designee agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by HUD or its designee to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, D.C. 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise HUD or its designee or will notify HUD or its designee within the 30-day period that additional time is necessary. (Approved by the Office of Management and Budget under OMB control number 1215-0140.)

(c) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and HUD or its designee do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate),

HUD or its designee shall refer the questions, including the views of all interested parties and the recommendation of HUD or its designee, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise HUD or its designee or will notify HUD or its designee within the 30-day period that additional time is necessary. (Approved by the Office of Management and Budget under OMB Control Number 1215-0140.)

(d) The wage rate (including fringe benefits where appropriate) determined pursuant to subparagraphs (1)(b) or (c) of this paragraph, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

(iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(iv) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program. Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program. (Approved by the Office of Management and Budget under OMB Control Number 1215-0140.)

2. **Withholding.** HUD or its designee shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other Federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee or helper, employed or working on the site of the work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the project), all or part of the wages required by the contract, HUD or its designee may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased. HUD or its designee may, after written notice to the contractor, disburse such amounts withheld for and on account of the contractor or subcontractor to the respective employees to whom they are due. The Comptroller General shall make such disbursements in the case of direct Davis-Bacon Act contracts.

3. (i) **Payrolls and basic records.** Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work (or under the United States Housing Act of 1937, or under the Housing Act of 1949, in the construction or development of the project). Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in Section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in Section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such

benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs. (Approved by the Office of Management and Budget under OMB Control Numbers 1215-0140 and 1215-0017)

(iv) (a) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to HUD or its designee if the agency is a party to the contract, but if the agency is not such a party, the contractor will submit the payrolls to the applicant, sponsor, or owner, as the case may be, for transmission to HUD or its designee. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR Part 5.5(a)(3)(i). This information may be submitted in any form desired. Optional Form WH-347 is available for this purpose and may be purchased from the Superintendent of Documents (Federal Stock Number 029-005-00014-1), U.S. Government Printing Office, Washington, DC 20402. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. (Approved by the Office of Management and Budget under OMB Control Number 1215-0149)

(b) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(1) That the payroll for the payroll period contains the information required to be maintained under 29 CFR Part 5.5 (a)(3)(i) and that such information is correct and complete;

(2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in 29 CFR Part 3;

(3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(c) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph A.3.(ii)(b) of this section.

(d) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under Section 1001 of Title 18 and Section 231 of Title 31 of the United States Code.

(iii) The contractor or subcontractor shall make the records required under paragraph A.3 (i) of this section available for inspection, copying, or transcription by authorized representatives of HUD or its designee or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, HUD or its designee may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR Part 5.12.

4. (f) **Apprentices and Trainees.** Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Bureau of Apprenticeship and Training, or with a State Apprenticeship Agency recognized by the Bureau, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Bureau of Apprenticeship and Training or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an

apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Bureau of Apprenticeship and Training, or a State Apprenticeship Agency recognized by the Bureau, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(ii) **Trainees.** Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable, predetermined rate for the work performed until an acceptable program is approved.

(iii) **Equal employment opportunity.** The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR Part 30.

5. **Compliance with Copeland Act requirements.** The contractor shall comply with the requirements of 29 CFR Part 3 which are incorporated by reference in this contract.

6. **Subcontracts.** The contractor or subcontractor will insert in any subcontracts the clauses contained in 29 CFR 5.5(a)(1) through (10) and such other clauses as HUD or its designee may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR Part 5.

7. **Contracte termination; debarment.** A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. **Compliance with Davis-Bacon and Related Act Requirements.** All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR Parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. **Disputes concerning labor standards.** Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR Parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and HUD or its designee, the U.S. Department of Labor, or the employees or their representatives.

10. (i) **Certification of Eligibility.** By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of Section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1) or to be awarded HUD contracts or participate in HUD programs pursuant to 24 CFR Part 24.

(ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of Section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1) or to be awarded HUD contracts or participate in HUD programs pursuant to 24 CFR Part 24.

(iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001. Additionally, U.S. Criminal Code, Section 1010, Title 18, U.S.C., "Federal Housing Administration transactions", provides in part "Whoever, for the purpose of . . . influencing in any way the action of such Administration, . . . makes, utters or publishes any statement, knowing the same to be false, . . . shall be fined not more than \$5,000 or imprisoned not more than two years, or both."

11. **Complaints, Proceedings, or Testimony by Employees.** No laborer or mechanic to whom the wage, salary, or other labor standards provisions of this Contract are applicable shall be discharged or in any other manner discriminated against by the Contractor or any subcontractor because such employee has filed any complaint or instituted or caused to be instituted any proceeding or has testified or is about to testify in any proceeding under or relating to the labor standards applicable under this Contract to his employer.

B Contract Work Hours and Safety Standards Act. As used in this paragraph, the terms "laborers" and "mechanics" include watchmen and guards.

(1) **Overtime requirements.** No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of eight hours in any calendar day or in excess of forty hours in such workweek unless such laborer or mechanic receives com-

ensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of eight hours in any calendar day or in excess of forty hours in such workweek, whichever is greater.

(2) **Violation; liability for unpaid wages; liquidated damages.** In the event of any violation of the clause set forth in subparagraph (1) of this paragraph, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in subparagraph (1) of this paragraph, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of eight hours or in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in subparagraph (1) of this paragraph.

(3) **Withholding for unpaid wages and liquidated damages.** HUD or its designee shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contract, or any other Federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in subparagraph (2) of this paragraph.

(4) **Subcontracts.** The contractor or subcontractor shall insert in any subcontracts the clauses set forth in subparagraph (1) through (4) of this paragraph and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in subparagraphs (1) through (4) of this paragraph.

C. Health and Safety

(1) No laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous to his health and safety as determined under construction safety and health standards promulgated by the Secretary of Labor or by regulation.

(2) The Contractor shall comply with all regulations issued by the Secretary of Labor pursuant to Title 29 Part 1926 (formerly part 1518) and failure to comply may result in imposition of sanctions pursuant to the Contract Work Hours and Safety Standards Act (Public Law 91-54, 83 Stat. 96).

(3) The Contractor shall include the provisions of this Article in every subcontract so that such provisions will be binding on each subcontractor. The Contractor shall take such action with respect to any subcontract as the Secretary of Housing and Urban Development or the Secretary of Labor shall direct as a means of enforcing such provisions.

SECTION 3 CONTRACT PROVISIONS

SEC. 13 .20 Assurance of compliance with regulations.

- a. Every contract or agreement for a grant, loan, subsidy, or other direct financial assistance in aid of housing, urban planning, development, redevelopment, or renewal, public or community facilities, and new community development, entered into by the Department of Housing and Urban Development with respect to a Section 3 covered project shall contain provisions requiring the applicant or recipient to carry out the provisions of Section 3, the regulations set forth in this part, and any applicable rules and orders of the Department issued thereunder prior to approval of its application for assistance for a Section 3 covered project.
- b. Every applicant, recipient, contracting party, contractor and subcontractor shall incorporate, or cause to be incorporated, in all contracts for work in connection with a Section 3 covered project, the following clause (referred to as a Section 3 clause):
 - A. The work to be performed under this contract is on a project assisted under a program providing direct Federal financial assistance from the Department of Housing and Urban Development and is subject to the requirements of Section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 1701u. Section 3 requires that to the greatest extent feasible opportunities for training and employment be given lower income residents of the project area and contracts for work in connection with the project be awarded to business concerns which are located in, or owned in substantial part by persons residing in the area of the project.
 - B. The parties to this contract will comply with the provisions of said section 3 and the regulations issued pursuant thereto by the Secretary of Housing and Urban Development set forth in 24 CFR 135, and all applicable rules and orders of the Department issued thereunder prior to the execution of this contract. The parties to this contract certify and agree that they are under no contractual or other disability which would prevent them from complying with these requirements.
 - C. The contractor will send to each labor organization or representative of workers with which he has a collective bargaining agreement or other contract or understanding, if any, a notice advising the said labor organization or workers' representative of his commitments under this Section 3 clause and shall post copies of the notice in conspicuous places available to employees and applicants for employment or training.

- D. The contractor will include this section 3 clause in every subcontract for work in connection with the project and will, at the direction of the applicant for or recipient of Federal financial assistance, take appropriate action pursuant to the subcontract upon a finding that the subcontractor is in violation of regulations issued by the Secretary of Housing and Urban Development, 24 CFR 135. The contractor will not subcontract with any subcontractor where it has notice or knowledge that the latter has been found in violation of regulations under 24 CFR 135 and will not let any subcontract unless the subcontractor has first provided it with a preliminary statement of ability to comply with the requirements of these regulations.
- E. Compliance with the provisions of section 3, the regulations set forth in 24 CFR 135, and all applicable rules and orders of the Department issued thereunder prior to the execution of the contract, shall be a condition of the Federal financial assistance provided to the project, binding upon the applicant or recipient for such assistance, its successors, and assigns. Failure to fulfill these requirements shall subject the applicant or recipient, its contractors and subcontractors, its successors, and assigns to those sanctions specified by the grant or loan agreement or contract through which Federal assistance is provided, and to such sanctions as are specified by 24 CFR 135.

SUPERSEDES DECISION

30 MAR 1984

TATE: California

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

DECISION NUMBER: CA84-5001 w/MOD #1 (4-6-84) DATE: Date of Publication

Supersedes Decision No. CA83-5128 dated December 9, 1983, in 48 FR 55239

DESCRIPTION OF WORK: Building; Heavy (excluding Water Well Drilling) and Highway Projects; and Residential Projects (excluding Alpine, Butte, Colusa, Fresno, Glenn, Kings, Lake, Lassen, Madera, Mendocino, Modoc, Plumas, Shasta, Sierra, Siskiyou, Stanislaus, Tehama, Trinity, and Tulare Counties)

	Basic Hourly Rates	Fringe Benefits		Basic Hourly Rates	Fringe Benefits
ASBESTOS WORKERS	\$24.20	\$4.51	CARPENTERS: (Cont'd)		
OILERMAKERS	21.39	3.96	Area 3 (Residential)	\$11.80	\$6.205
BRICKLAYERS; STONEMASONS:			Area 4:		
Area 1	18.52	6.10	Carpenters	16.95	6.455
Area 2	18.90	4.95	Hardwood Floor Layers;		
Area 3	17.35	3.30	Shinglers; Power Saw		
Area 4	16.53	2.82	Operators; Steel		
Area 5	18.30	3.53	Scaffold Erector and		
Area 6	20.10	3.87	Steel Shoring; Saw		
Area 7	17.57	3.89	Filers	17.10	6.455
Area 8	17.19	4.11	Millwrights	17.85	7.455
BRICK TENDERS:			Piledrivermen	19.38	7.705
Area 1	13.80	4.76	Insulator (Hopper or		
Area 2	15.48	3.70	Blower Operator)		
Area 3	15.24	4.91	(Residential)	8.475	6.455
Area 4	15.24	4.91	Area 5 (Residential)	12.00	6.205
Area 5	16.24	4.91	CEMENT MASONS:		
Area 6	14.19	6.10	Cement Masons	15.52	5.93
Area 7	15.15	4.45	Swing or Slip Form		
Area 8	16.05	4.45	Scaffolds or		
Area 9 (Residential Con-			Composition Masons	15.77	5.93
struction 2 stories+less)	12.55	4.96	COMMUNICATION TECHNICIAN	12.85	3.07
CARPENTERS:			DIVERS:		
Area 1:			Divers	33.89	6.225
Carpenters	19.28	6.455	Stand-by Divers	18.05	6.225
Hardwood Floorlayers;			DRYWALL INSTALLERS/LATHERS:		
Shinglers; Power Saw			Drywall Installers;		
Operator; Steel Scaf-			Lathers	20.12	6.225
fold Erector and Steel			Residential Drywall;		
Shoring Saw Filers	19.43	6.455	Lathers:		
Millwrights	19.28	7.455	Area 1	13.57	6.225
Piledrivermen	19.38	7.705	ELECTRICIANS:		
Area 2:			Area 1:		
Carpenters	16.65	6.455	Electricians	22.56	6.298
Hardwood Floorlayers;					+38
Shinglers; Power Saw			Area 2:		
Operators; Steel Scaf-			Electricians	15.80	3.10+
fold Erector and Steel					38
Shoring; Saw Filers	16.80	6.455	Cable Splicers	17.38	3.10+
Millwrights	17.55	7.455			38
Piledrivermen	19.38	7.705	Residential Electrician	12.30	3.35

ELECTRICIANS: (Cont'd)

	Basic Hourly Rates	Fringe Benefits
Area 3:		
Electricians	\$22.78	\$4.14+ 3%
Cable Splicers	24.91	4.14+ 3%
Area 4:		
Electricians	15.71	4.41 +3%
Cable Splicers	17.28	4.41 3%
Residential Electricians	12.87	3.51+ 3%
Area 5:		
Electricians	19.81	4.24+ 3%
Cable Splicers	22.29	4.24+ 3%
Residential Electricians	10.25	1.20+ 3%
Area 6:		
Electricians	24.16	5.20+ 3%
Cable Splicers	26.16	5.20+ 3%
Area 7:		
Electricians	17.08	1.54+ 25%
Cable Splicers	18.45	1.54+ 25%
Area 8:		
Electricians	18.40	4.06+ 3%
Cable Splicers	20.24	4.06+ 3%
Residential Electricians	10.00	1.01+ 3%
Area 9:		
Electricians	22.85	3.81+ 3%
Cable Splicers	25.14	3.81+ 3%
Area 10:		
Electricians	15.37	3.25+ 4.45
Cable Splicers	16.91	3.35+ +4.45
Residential Electricians	9.25	1.15+ 3%
Area 11:		
Electricians	18.89	6.68+ 3%
Cable Splicers	21.25	6.68+ 3%
Residential Electricians	9.45	4.12+ 4%
Area 12:		
Electricians	23.34	5.05+ 3%

ELECTRICIANS: (Cont'd)

	Basic Hourly Rates	Fringe Benefit
Area 12: (Cont'd)		
Cable Splicers	\$26.26	\$5.05+ 3%
Area 13:		
Electricians	\$24.40	\$7.17
Cable Splicers	27.45	7.17
Area 14:		
Electricians	25.24	4.87+ 3%
Cable Splicers	28.39	4.87+ 3%
Area 15:		
Electricians	25.00	5.42+ 3%
Area 16:		
Electricians	20.42	4.41+ 3%
ELEVATOR CONSTRUCTORS:		
Mechanics	28.35	3.00+ a
Helpers	19.845	3.00+ a
Probationary Helper	14.175	
GLAZIERS:		
Area 1	20.92	5.66
Area 2	15.75	6.44
Area 3 (Residential)	10.00	2.72
Area 4 (Residential)	9.82	1.70
Area 5	16.40	5.52
Area 6	13.58	2.84
Area 7	20.06	6.11
IRONWORKERS:		
Fence Erectors	16.41	8.53
Reinforcing, Ornamental, and Structural	17.30	8.53
LINE CONSTRUCTION:		
Area 1:		
Groundman	18.12	5.20+ 3%
Line Equipment Operator	21.74	5.20+ 3%
Linemen	24.16	5.20+ 3%
Cable Splicers	26.16	5.20+ 3%
Area 2: (Zone 1):		
Group 1	20.03	3.00 3%
Group 2	18.11	3.00 3%
Group 3	16.35	3.00 3%
Group 4	15.61	2.30+ 3%

DECISION NO. CA84-5001

LINE CONSTRUCTION: (Cont'd)

Area 2-Zone 1 (Cont'd)

	Basic Hourly Rates	Fringe Benefits
Group 5	\$13.66	\$2.30+ 3½%
Group 6	13.66	2.30+ 3½%
Group 7	12.84	2.30+ 3½%

Zone Differential (add to Zone 1 rate):

Zone 2 -	\$2.40	
Zone 3 -	3.15	
Zone 4 -	3.90	
Zone 5 -	5.15	

Area 3: Groundmen	17.38	4.21+ 3%
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Linemen	18.20	4.21+ 3%
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Area 4: Groundmen	14.86	4.24+ 3½%
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Line Equipment Operators	17.83	4.24+ 3½%
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Linemen	19.81	4.24+ 3½%
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Cable Splicers	22.29	4.24+ 3½%
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Area 5: Groundmen	11.60	2.75+ 3½%
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Linemen	15.47	2.75+ 3½%
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Cable Splicers	17.02	2.75+ 3½%
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Area 6: Groundmen	16.42	5.86+ 3%
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Linemen, Technicians; Equipment Operators	21.89	7.23+ 3%
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Cable Splicers	24.63	7.23+ 3%
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Area 7: Groundman & Truck Driver	14.68	4.09+ 3%
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Linemen	22.30	4.09+ 3%
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Cable Splicers	22.30	4.09+ 3%
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LINE CONSTRUCTION: (Cont'd)

	Basic Hourly Rates	Fringe Benefits
Area 8: Groundmen	\$12.57	\$4.41+ 3%

Linemen; Equipment Operators	15.71	4.41+ 3%
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Cable Splicers	17.28	4.41+ 3%
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Area 9: Groundmen and Truck Drivers	18.42	6.20+ 3%
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Linemen	24.56	6.20+ 3%
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Heavy Equipment Operators	22.10	6.20+ 3%
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Area 10: Groundmen	16.14	4.75+ 4%
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Equipment Operators	18.16	4.75+ 4%
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Linemen	20.18	4.75+ 4%
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Cable Splicers	22.20	4.75+ 4%
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Area 11: Groundmen	21.25	5.42+ 3%
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Line Equipment Operators	22.50	5.42+ 3%
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Linemen	25.00	5.42+ 3%
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Area 12: Groundmen	13.66	1.54+ 25%
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Heavy Equipment Operators	15.37	1.54+ 25%
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Linemen	17.08	1.54+ 25%
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Cable Splicers	18.45	1.54+ 25%
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Area 13: Groundmen	20.85	4.84+ 3%
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Linemen; Technicians	24.535	4.84+ 3%
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Cable Splicers	27.60	4.84+ 3%
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LINE CONSTRUCTION: (Cont'd)

PAINTERS: (Cont'd)

	Basic Hourly Rates	Fringe Benefits
Area 14:		
Groundmen	\$18.70	\$5.75+ 3%
Linemen; Line Equipment Operators	22.00	5.75+ 3%
Cable Splicers	24.75	5.75+ 3%
Area 15:		
Groundmen	18.28	4.74+ 3%
Heavy Equipment Operator	20.57	4.74+ 3%
Linemen	22.85	4.74+ 3%
Cable Splicers	25.14	4.74+ 3%
MARBLE SETTERS	20.52	6.10
MARBLE FINISHERS:		
Area 1	13.12	3.47
PAINTERS:		
Area 1:		
Brush	13.39	4.60
Spray	14.14	4.60
Sheetrock; Taper; Swing Stage; Scaffold; Sand- blaster; Structural Steel	13.79	4.60
Area 2:		
Brush; Roller; Taper	15.22	1.59
Spray; Sandblasters; Structural Steel; Paperhangers; and Bazooka Operators	15.72	1.59
Area 3:		
Brush	16.20	2.57
Hazardous Coating	17.20	2.57
Spray; Sandblasting; Taping	16.70	2.57
Area 4:		
Brush	20.58	4.18
Tapers	21.38	4.18
Area 5:		
Brush	20.08	4.18
Tapers	21.38	4.18
Area 6:		
Brush and Roller	17.45	1.95
Spray; Sandblaster; Paperhanger; and Taper	17.95	1.95
Brush - Swing Stage up to 40 ft.; Brush-steel	17.70	1.95
Spray - Swing Stage up to 40 ft; Spray-steel	18.20	1.95

	Basic Hourly Rates	Fringe Benefits
Area 7:		
Brush	\$20.53	\$5.38
Spray; Sandblasting; Steam Cleaning	21.03	5.38
Drywall Finisher	21.53	5.38
Brush (exterior stage) 5, 6, and 7 story buildings; Erected steel over 50 ft.	21.81	5.38
Paperhangers	21.53	5.38
Area 8:		
Brush; Pot Tenders; Rollers	9.80	1.35
Spray; Sandblaster; Structural Steel; Swing Stage; Tapers	10.30	1.35
Area 9:		
Brush	19.79	5.38
Spray	20.29	5.38
Spray (coating) and Paperhangers	20.54	5.38
Tapers (paint)	20.18	5.38
Area 10:		
Brush	11.08	2.67
Spray; Sandblasters; Structural Steel; Swing Stage; Tapers; Paperhangers	11.33	2.67
PARKING LOT STRIPING WORK and/or HIGHWAY MARKERS:		
Area 1:		
Traffic Delineating Device Applicator	14.48	1.65 b
Wheel Stop Installer; Traffic Surface Sandblaster; Striper	13.95	1.65 b
Slurry Seal Operation: Mixer Operator	13.95	1.65 b
Squeegee Man; Appli- cator Operator; and Shuttleman	12.37	1.65 b
Top Man	10.39	1.65 b

DECISION NO. CA83-5001

PARKING LOT STRIPING WORK
and/or HIGHWAY MARKERS:

(Cont'd):

Area 2:

Traffic Delineating
Device Applicator;
Wheel Stop Installer;
Traffic Surface Sand-
blaster

Striper

Slurry Seal Operation:

Mixer Operator

Squeegee Man

Applicator Operator

Top Man

PLASTERERS:

Area 1

Area 2

Area 3

Area 4

Area 5

Area 6

Area 7

Area 8

PLASTERERS' TENDERS:

Area 1

Area 2

Area 3

Area 4

Area 5

Area 6

Area 7

Area 8

Area 9

Area 10

PLUMBERS:

Area 1

Area 2

PLUMBERS; Steamfitters:

Area 1

Area 2

Area 3

Area 4

Area 5

Area 6

Area 7

Area 8

Page 5

ROOFERS:

Area 1:

Roofers

Mastic Workers; Kettle-
men (2 kettles w/o
pumps)

Bitumastic; Enamelers;
Pipewrappers; Coal
Tar Build-up

Area 2

Area 3

Area 4

Area 5:

Roofers

Mastic Workers; Kettle-
men (2 kettles w/o
pumps)

Bitumastic; Enamelers;
Pipewrappers; Coal
Tar Pitch

Area 6

Area 7

Area 8:

Roofers

Mastic Workers; Kettle-
men (2 kettles w/o
pumps)

Bitumastic; Enamelers;
Pipewrappers; Coal
Tar

Area 9:

Roofers (slate, tile
and composition)

Enameler and Pitch

Area 10:

Roofers; Kettleman
(1 kettle)

Kettleman (2 kettles)

Bitumastic; Enamelers;
Coal Tar; Pitch and
Mastic

SHEET METAL WORKERS:

Area 1

Area 2

Area 3

Area 4

Area 5

Area 6

Area 7

	Basic Hourly Rates	Fringe Benefits		Basic Hourly Rates	Fringe Benefits
			Roofers	\$16.75	\$6.37
			Mastic Workers; Kettle- men (2 kettles w/o pumps)	17.00	6.37
			Bitumastic; Enamelers; Pipewrappers; Coal Tar Build-up	18.75	6.37
\$12.37	\$1.55+b		Area 2	16.94	3.15
13.57	1.55+b		Area 3	14.80	3.34
			Area 4	15.30	3.35
			Area 5:		
			Roofers	15.00	6.64
			Mastic Workers; Kettle- men (2 kettles w/o pumps)	16.25	6.64
			Bitumastic; Enamelers; Pipewrappers; Coal Tar Pitch	18.00	6.64
12.37	1.55+b		Area 6	10.32	1.15
10.60	1.55+b		Area 7	19.10	4.00
10.60	1.55+b		Area 8:		
8.91	1.55+b		Roofers	16.80	6.09
			Mastic Workers; Kettle- men (2 kettles w/o pumps)	17.25	6.09
19.63	5.88		Bitumastic; Enamelers; Pipewrappers; Coal Tar	18.80	6.09
20.18	7.65		Area 9:		
16.06	5.91		Roofers (slate, tile and composition)	14.45	7.34
16.63	5.44		Enameler and Pitch	16.45	7.34
18.44	6.58		Area 10:		
16.55	6.94		Roofers; Kettleman (1 kettle)	15.83	5.92
18.81	3.61		Kettleman (2 kettles)	16.83	5.92
14.30	7.45		Bitumastic; Enamelers; Coal Tar; Pitch and Mastic	17.83	5.92
			Area 1	25.73	5.04
13.62	5.05		Area 2	16.93	4.67
16.85	5.01		Area 3	17.54	4.55+
13.84	5.45				128
13.71	4.45		Area 4	18.25	4.32
13.27	4.45		Area 5	20.57	6.86
13.82	4.45		Area 6	17.80	3.76
17.50	4.05		Area 7	26.18	4.74
16.15	3.10				
13.75	4.45				
14.95	2.70				
25.41	5.43				
25.86	6.79				
19.72	6.71				
20.34	2.43				
26.64	8.30				
22.03	6.55				
26.40	5.84				
16.47	9.15				
24.17	7.80				
23.36	6.47				

SHEET METAL WORKERS: (Cont'd)

	Basic Hourly Rates	Fringe Benefits
Area 8	\$18.38	\$4.22
Area 9	25.06	5.92
Area 10	22.16	4.70
Area 11	21.76	6.52
Area 12	24.51	8.84
Area 13	25.73	5.14

SOFT FLOOR LAYERS:

Area 1	16.01	3.00
Area 2	13.74	.90
Area 3	19.42	3.93
Area 4	11.96	2.27

SPRINKLER FITTERS:

Area 1	26.72	7.29
Area 2	21.87	3.23

STEAMFITTERS:

Area 1	29.16	4.47
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TERRAZZO WORKERS:

Area 1	20.52	6.10
Area 2	17.53	3.46
Area 3	20.25	2.87

TILE SETTERS:

Area 1	20.76	4.17
Area 2	18.02	3.05

TERRAZZO WORKERS and

TILE SETTERS:		
Area 1	16.15	2.90
Area 2	20.23	3.69

TERRAZZO FINISHERS:

Area 1:		
Terrazzo Finishers	15.81	3.46
Base Machine Operator	16.51	3.10

TILE FINISHERS:

Area 1	13.90	4.73
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LABORERS:

Tunnel & Shaft Laborers:

Group 1	17.46	5.11
Group 2	17.03	5.11
Group 3	16.78	5.11
Group 4	16.62	5.11

Housemoving Laborers:

Group 1	13.56	5.11
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LABORERS:

Area 1:		
Group 1	14.56	5.11
Group 1-a	14.785	5.11
Group 1-b	15.06	5.11
Group 1-c	14.61	5.11
Group 1-d	14.81	5.11
Group 1-e	15.11	5.11
Group 1-f	15.145	5.11
Group 2	14.41	5.11
Group 3	14.31	5.11
Group 4	8.00	5.11

LABORERS: (Cont'd Area 1)

	Basic Hourly Rates	Fringe Benefits
Gunnite Laborers:		
Group 1	\$15.02	\$5.11
Group 2	14.43	5.11
Group 3	14.41	5.11
Wrecking Work:		
Group 1	14.56	5.11
Group 2	14.41	5.11
Group 3	14.31	5.11
Area 2		
Group 1	13.56	5.11
Group 1-a	13.785	5.11
Group 1-b	14.06	5.11
Group 1-c	13.61	5.11
Group 1-d	13.81	5.11
Group 1-e	14.11	5.11
Group 1-f	14.145	5.11
Group 2	13.41	5.11
Group 3	13.31	5.11
Group 4	8.00	5.11
Gunnite Laborers:		
Group 1	14.02	5.11
Group 2	13.43	5.11
Group 3	13.31	5.11
Wrecking Work:		
Group 1	13.56	5.11
Group 2	13.41	5.11
Group 3	13.31	5.11

POWER EQUIPMENT OPERATORS*:

	<u>AREA 1</u>	<u>AREA 2</u>	<u>AREA 3</u>	<u>AREA 4</u>
	Basic Hourly Rates	Basic Hourly Rates	Basic Hourly Rates	Basic Hourly Rates
Group 1	\$14.05	\$16.05		
Group 2	14.55	16.55		
Group 3	14.85	16.85		
Group 4	15.62	17.62		
Group 5	15.92	17.92		
Group 6	16.13	18.13		
Group 7	16.35	18.35		
Group 8	16.97	18.97		
Group 9	17.28	19.28		
Group 10	17.60	19.60		
Group 10-A	17.77	19.77		
Group 11	18.01	20.01		
Group 11-A	19.65	21.65		
Group 11-B	20.04	22.04		
Group 11-C	20.05	22.05		
<u>FRINGE BENEFITS:</u>				
\$8.75				
*Residential Construction 3 stories and under to be paid the Area 1 rate.				
DREDGING - SCHEDULE I				
Clamshell and Dipper Dredging (New Construction):				
Group 1	14.11	15.37	15.75	16.11
Group 2	17.01	18.37	18.75	19.14
Group 3	17.01	18.37	18.75	19.14
Group 4	18.06	19.43	19.80	20.19
Group 4-A	19.68	21.06	21.49	21.88
DREDGING - SCHEDULE II				
Hydraulic Suction Dredging and all other Dredging:				
Group A-1	14.09	15.35	15.71	16.09
Group A-2	15.45	16.76	17.16	17.54
Group A-3	16.36	17.72	18.12	18.50
Group A-4	17.60	18.98	19.35	19.74
<u>FRINGE BENEFITS:</u>				
\$8.56				

POWER EQUIPMENT OPERATORS:

DREDGING (Cont'd)

TOW BOATS:

Work on self-propelled vessels (except Skiffs powered by outboard motors) engaged in towing vessels and water borne craft or in the transportation by water of personnel, materials, equipment and supplies:

	Basic Hourly Rates	Fringe Benefits
Deckhand/Mechanics	\$10.86	\$3.37
Operator Mechanic/ Watch Engineer	12.17	3.86
Work on self-propelled vessels): Boat Operators	12.17	3.86

PILED RIVING:

Group 1	14.12	8.75
Group 1A	14.61	8.75
Group 1B	14.90	8.75
Group 2A	14.90	8.75
Group 2B	15.68	8.75
Group 2C	15.98	8.75
Group 2D	16.20	8.75
Group 3	16.41	8.75
Group 3A	17.04	8.75
Group 4	17.82	8.75
Group 5	18.08	8.75
Group 6	19.71	8.75

STEEL ERECTION:

Group 1	14.79	8.75
Group 2	15.33	8.75
Group 3	16.81	8.75
Group 4	17.00	8.75
Group 4A	17.46	8.75
Group 5	18.18	8.75
Group 6	18.79	8.75
Group 7	19.23	8.75
Group 8	19.65	8.75
Group 9	21.15	8.75

TRUCK DRIVERS:

	Basic Hourly Rates	Fringe Benefits
Group 1	\$17.55	\$4.29
Group 2	17.63	4.29
Group 3	17.65	4.29
Group 4	17.66	4.29
Group 5	17.67	4.29
Group 6	17.68	4.29
Group 7	17.70	4.29
Group 8	17.72	4.29
Group 9	17.73	4.29
Group 10	17.75	4.29
Group 11	17.76	4.29
Group 12	17.80	4.29
Group 13	17.81	4.29
Group 14	17.82	4.29
Group 15	17.85	4.29
Group 16	17.86	4.29
Group 17	17.87	4.29
Group 18	17.89	4.29
Group 19	17.90	4.29
Group 20	17.91	4.29
Group 21	17.96	4.29
Group 22	17.99	4.29
Group 23	18.30	4.29
Group 24	18.09	4.29
Group 25	18.10	4.29
Group 26	18.10	4.29
Group 27	18.13	4.29
Group 28	18.15	4.29
Group 29	18.19	4.29
Group 30	18.20	4.29
Group 31	18.23	4.29
Group 32	18.29	4.29
Group 33	18.22	4.29
Group 34	18.44	4.29
Group 35	18.54	4.29
Group 36	18.59	4.29
Group 37	18.74	4.23
Group 38	18.89	4.29

WELDERS - receive rate prescribed for craft performing operation to which welding is incidental

FOOTNOTES:

- a. Employer contributes 8% of basic hourly rate for over 5 years' service, and 6% of basic hourly rate for 6 months' to 5 years' service as Vacation Pay Credit. Six Paid Holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Christmas Day
- b. Employer contributes \$.32 per hour to Holiday Fund plus \$.22 per hour to Vacation Fund for the first year of employment; 1 year but less than 5 years \$.42 per hour to Vacation Fund; 5 years but less than 10 years \$.60 per hour to Vacation Fund; over 10 years \$.80 per hour to Vacation Fund

AREA DESCRIPTIONS**BRICKLAYERS; STONEMASONS:**

- Area 1: Del Norte, Humboldt, Lake, Marin, Mendocino, Napa, San Francisco, San Mateo, Siskiyou, Solano, Sonoma, and Trinity Cos.
- Area 2: Alameda and Contra Costa Counties
- Area 3: Fresno, Kings, Madera, Mariposa, and Merced Counties
- Area 4: Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Sutter, Tehama, Yolo, and Yuba Counties
- Area 5: Monterey and Santa Cruz Counties
- Area 6: San Benito and Santa Clara Counties
- Area 7: Alpine, Amador, Calaveras, San Joaquin, Stanislaus, and Tuolumne Counties
- Area 8: Tulare County

BRICK TENDERS:

- Area 1: Amador, El Dorado, Nevada, Placer, Sacramento, and Yolo Cos.
- Area 2: San Francisco and San Mateo Counties
- Area 3: Fresno, Kings, Madera, and Tulare Counties
- Area 4: Remaining Counties
- Area 5: Marin County
- Area 6: Alameda and Contra Costa Counties
- Area 7: Santa Cruz County
- Area 8: San Benito and Santa Clara Counties
- Area 9: (Residential construction of 2 stories or less) Monterey and Napa Counties

CARPENTERS:

- Area 1: Alameda, Contra Costa, Marin, Napa, San Benito, San Francisco, San Mateo, Santa Clara, Solano and Sonoma Counties
- Area 2: Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Mariposa, Mendocino, Merced, Modoc, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Sierra, Siskiyou, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba Counties
- Area 3: (Residential) Calaveras, Mariposa, and Merced Counties
- Area 4: Monterey and Santa Cruz Counties *
- Area 5: (Residential) Del Norte and Humboldt Counties

*Changed per Modification #1

AREA DESCRIPTIONS (Cont'd)

DRYWALL INSTALLERS/LATHERS:

Residential:

Area 1: Calaveras, Mariposa, Merced, and Tuolumne Counties

ELECTRICIANS:

Area 1: Alameda County

Area 2: Amador, Colusa, Sacramento, Sutter, Yolo, and Yuba Counties; Alpine, El Dorado, Nevada, Placer, and Sierra Counties (those portions west of the Sierra Mountain Watershed)

Area 3: Alpine, El Dorado, Nevada, Placer, and Sierra Counties (those portions east of the Main Watershed Divide)

Area 4: Butte and Glenn Counties; Lassen County (excluding the Sierra Army Depot (Herlong)); Modoc, Plumas, Shasta, Siskiyou, Tehama and Trinity Counties

Area 5: Calaveras and San Joaquin Counties

Area 6: Contra Costa County

Area 7: Del Norte and Humboldt Counties

Area 8: Fresno, Kings, Madera, and Tulare Counties

Area 9: Lake, Marin, Mendocino, and Sonoma Counties

Area 10: Mariposa, Merced, Stanislaus, and Tuolumne Counties

Area 11: Monterey, San Benito, and Santa Cruz Counties

Area 12: Napa and Solano Counties

Area 13: Santa Clara County

Area 14: San Francisco County

Area 15: San Mateo County

Area 16: Sierra Army Depot (Herlong) in Lassen Counties

GLAZIERS:

Area 1: Alameda, Contra Costa, Monterey, Napa, San Benito, Santa Clara, and Santa Cruz Counties

Area 2: Alpine, Amador, Butte, Calaveras, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Sierra, Siskiyou, Solano, Stanislaus, Sutter, Tehama, Tuolumne, Yolo, and Yuba Counties

Area 3: (Residential) Sutter and Yuba Counties

Area 4: (Residential) Amador, Calaveras, El Dorado, Nevada, Placer, Sacramento, San Joaquin, Solano, Tuolumne, and Yolo Counties

Area 5: Fresno, Madera, Mariposa, Merced, Kings, and Tulare Counties

Area 6: Del Norte and Humboldt Counties

Area 7: Lake, Marin, Mendocino, San Francisco, San Mateo, and Sonoma Counties

LINE CONSTRUCTION:

Area 1: Contra Costa County

Area 2: Del Norte, Modoc, and Siskiyou Counties:

Group 1: Cable Splicer, Leadman Pole Sprayer

Group 2: Lineman, Pole Sprayer, Heavy Line Equipment Man, Certified Lineman Welder

*Group 3: Tree Trimmer

Group 4: Line Equipment Man

Group 5: Head Groundman, Powderman, Jackhammer Man

*Group 6: Head Groundman (Chipper)

Group 7: Groundman

*Groups 3 and 6 receive BASE RATE (ZONE 1) ONLY (no Zone Differential)

AREA DESCRIPTIONS (Cont'd)

LINE CONSTRUCTION: (Cont'd)

Area 2: (Cont'd)

Zone Definitions: Zone 1: 0 to 3 miles radius from the geographical center of Alturos and Yreka, California

Zone 2: 3 to 20 miles radius

Zone 3: 20 to 35 miles radius

Zone 4: 35 to 50 miles radius

Zone 5: Over 50 miles radius

BASE RATE (ZONE 1) is paid when working out of employer's Permanent Shop

Area 3: Fresno, Kings, Madera, and Tulare Counties

Area 4: Calaveras and San Joaquin Counties

Area 5: Mariposa, Merced, Stanislaus, and Tuolumne Counties

Area 6: Monterey, San Benito, and Santa Cruz Counties

Area 7: Napa and Solano Counties

Area 8: Butte, Glenn, Lassen, Plumas, Shasta, Tehama, and Trinity Cos.

Area 9: Alameda County

Area 10: Amador, Colusa, Sacramento, Sutter, Yolo, and Yuba Counties; Alpine, El Dorado, Nevada, Placer, and Sierra Counties (those portions west of the Main Sierra Mountain Watershed)

Area 11: San Mateo County

Area 12: Humboldt County

Area 13: San Francisco County

Area 14: Santa Clara County

Area 15: Lake, Marin, Mendocino, and Sonoma Counties

MARBLE FINISHERS:

Area 1: Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Lassen, Marin, Mendocino, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Tehama, Trinity, Yolo and Yuba Counties, and the City and County of San Francisco, San Benito County

PAINTERS:

Area 1: Alpine, Amador, Calaveras, and San Joaquin Counties

Area 2: Fresno, Kings, Madera, and Tulare Counties

Area 3: Mariposa, Merced, Stanislaus, and Tuolumne Counties

Area 4: San Benito, San Mateo, and Santa Clara Counties

Area 5: Monterey and Santa Cruz Counties

Area 6: Lassen County (that portion that lies eastward of Highway #395, northward to and including Honey Lake); Lake Tahoe Area

Area 7: Lake, Marin, Mendocino, San Francisco, and Sonoma Counties

Area 8: Butte, Colusa, and Glenn Counties; Lassen County (excluding the extreme SE corner); Modoc, Plumas, Shasta, Siskiyou, Sutter, Tehama, Trinity, and Yuba Counties

Area 9: Alameda, Contra Costa, El Dorado, Napa, Nevada, Placer, Sacramento, Sierra, Solano, and Yolo Counties (excluding portions of Counties in the Lake Tahoe Area)

Area 10: Del Norte and Humboldt Counties

AREA DESCRIPTIONS (Cont'd)

PARKING LOT STRIPING WORK and/or HIGHWAY MARKERS:

- Area 1: Fresno, Kings, and Tulare Counties
- Area 2: Remaining Counties

PLASTERERS:

- Area 1: Alameda and Contra Costa Counties
- Area 2: San Francisco and San Mateo Counties
- Area 3: Alpine, Amador, Butte, Calaveras, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Sierra, Siskiyou, Sutter, Tehama, Trinity, Yolo and Yuba Cos.
- Area 4: Del Norte, Humboldt, Lake, Marin, Mendocino, Napa, Solano, and Sonoma Counties
- Area 5: San Benito, Santa Clara, and Santa Cruz Counties
- Area 6: Fresno, Kings, Madera, and Tulare Counties
- Area 7: Monterey County
- Area 8: Mariposa, Merced, Stanislaus, and Tuolumne Counties

PLASTERERS' TENDERS:

- Area 1: Alameda and Contra Costa Counties
- Area 2: Fresno, Kings, Madera, and Tulare Counties
- Area 3: San Francisco and San Mateo Counties
- Area 4: Alpine, Amador, El Dorado, Nevada, Placer, Sacramento, Sierra and Yolo Counties
- Area 5: Calaveras and San Joaquin Counties
- Area 6: Marin County
- Area 7: Monterey County
- Area 8: San Benito, Santa Clara and Santa Cruz Counties
- Area 9: Solano County
- Area 10: Napa County

PLUMBERS :

- Area 1: Alameda County
- Area 2: Contra Costa County

PLUMBERS; STEAMFITTERS:

- Area 1: Amador County (northern half); El Dorado, Nevada, Sacramento, and Yolo Counties (excluding Lake Tahoe Area), Sierra County
- Area 2: Lake Tahoe Area
- Area 3: Marin, Mendocino, San Francisco, and Sonoma Counties
- Area 4: Alpine County; Amador County (southern portion); Butte, Calaveras, Colusa, Fresno, Glenn, Kings, Lassen, Madera, Mariposa, Merced, Modoc, Monterey, Plumas, San Joaquin, Santa Cruz, Shasta, Sierra, Siskiyou, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, and Yuba Counties
- Area 5: Lake, Napa, and Solano Counties
- Area 6: Del Norte and Humboldt Counties
- Area 7: San Benito and Santa Clara Counties
- Area 8: San Mateo County

ROOFERS:

- Area 1: Alameda and Contra Costa Counties
- Area 2: Alpine, Calaveras, Mariposa, Merced, San Joaquin, Stanislaus, and Tuolumne Counties

AREA DESCRIPTIONS (Cont'd)

ROOFERS: (Cont'd)

- Area 3: Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Placer, Plumas, Shasta, Sierra, Siskiyou, Sutter, Tehama, Trinity, and Yuba Counties
- Area 4: Fresno, Kings, Madera, and Tulare Counties
- Area 5: Lake, Marin, Mendocino, Napa, Solano, and Sonoma Counties
- Area 6: Del Norte and Humboldt Counties
- Area 7: Monterey and Santa Cruz Counties
- Area 8: San Francisco and San Mateo Counties
- Area 9: Amador, Sacramento, and Yolo Counties
- Area 10: San Benito and Santa Clara Counties

SHEET METAL WORKERS:

- Area 1: Alameda and Contra Costa Counties
- Area 2: Alpine, Calaveras, and San Joaquin Counties
- Area 3: Amador, Butte, Colusa, El Dorado, Glenn, Modoc, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Sutter, Tehama, Yolo, and Yuba Counties
- Area 4: Mariposa, Merced, Stanislaus, and Tuolumne Counties
- Area 5: Monterey and San Benito Counties
- Area 6: Del Norte, Humboldt, and Trinity Counties
- Area 7: San Mateo County
- Area 8: Fresno, Kings, Madera, and Tulare Counties
- Area 9: San Francisco County
- Area 10: Marin, Mendocino, Sonoma, and Lake Counties
- Area 11: Santa Cruz Counties
- Area 12: Santa Clara County
- Area 13: Napa and Solano Counties

SOFT FLOOR LAYERS:

- Area 1: Alpine, Amador, Butte, Calaveras, Colusa, El Dorado, Glenn, and Lassen Counties (excluding Honey Lake Area); Merced County (east of San Joaquin River); Plumas, Sacramento, San Joaquin, Shasta, Stanislaus, Sutter, Tehama, Trinity, Tuolumne, Yolo, and Yuba Counties; El Dorado, Nevada, Placer, and Sierra Counties (these portions excluding Lake Tahoe Area)
- Area 2: Honey Lake Area and Lake Tahoe Area
- Area 3: Alameda, Contra Costa, Lake, Marin, Mendocino, Merced, Monterey, Napa, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano, and Sonoma Counties
- Area 4: Del Norte and Humboldt Counties

SPRINKLER FITTERS:

- Area 1: Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, and Sonoma Counties
- Area 2: Remaining Counties

STEAMFITTERS:

- Area 1: Alameda and Contra Costa Counties

AREA DESCRIPTIONS (Cont'd)

TERRAZZO WORKERS:

Area 1: Alameda, Contra Costa, Del Norte, Humboldt, Lake, Marin, Mendocino, Napa, San Francisco, San Mateo, Siskiyou, Solano, Sonoma, and Trinity Counties

Area 2: Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Sutter, Tehama, Yolo, and Yuba Counties

Area 3: San Benito and Santa Clara Counties

TILE SETTERS:

Area 1: Alameda, Butte, Colusa, Contra Costa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Lassen, Marin, Mendocino, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Mateo, Santa Clara, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Tehama, Trinity, Yolo, and Yuba Counties

Area 2: Alpine, Amador, Calaveras, San Joaquin, Stanislaus, and Tuolumne Counties

TERRAZZO WORKERS and TILE SETTERS:

Area 1: Fresno, Kings, Madera, Mariposa, Merced, and Tulare Counties

Area 2: Monterey and Santa Cruz Counties

TERRAZZO FINISHERS:

Area 1: Alameda, Alpine, Amador, Butte, Calaveras, Contra Costa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Lassen, Marin, Mendocino, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Tehama, Trinity, Yolo and Yuba Counties, and the City and County of San Francisco, San Benito County

TILE FINISHERS:

Area 1: Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Glenn, Humboldt, Lake, Lassen, Marin, Mendocino, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Tehama, Trinity, Yolo and Yuba Counties, and the City and County of San Francisco

LABORERS

Area 1: Alameda, Contra Costa, Marin, San Francisco, San Mateo, and Santa Clara Counties

Area 2: Remaining Counties

Group 1: Asphalt Ironers and Rakers; Asphalt Spreader Boxes (all types); Barko, Wacker and similar type Tampers; Buggymobile; Chain-saw, Faller, Logloader and Bucker; Compactors of all types; Concrete and Magnesite Mixer, 1/2 yd. and under; Concrete Pan Work; Concrete Saw; Concrete Sander; Cribber and/or Shoring; Cut Granite Curb Setter; Form Raisers; Slip Forms; Green Cutters, Headerboardmen, Hubsetters, Aligners; Jackhammer Operators; Jacking of Pipe over 12 inches; Jackson and similar type Compactors; Kettlemen, Potmen and Men applying asphalt, lay-kold, creosote, lime, caustic and similar type materials; Lagging, Sheeting, Whaling, Bracing, Trenchjacking, hand-guided Lagging Hammer; Magnesite, Epoxyresin, Fiberglass, Mastic Workers (wet or dry); Perma Curbs; Precast-manhole Setters; Cast-in-place Manhole Form Setters; Pressure Pipe Tester; Pavement Breakers and Spaders, including Tool Grinder; Pipelayers, Caulkers, Banders, Pipewrappers, Conduit Layers, Plastic Pipelayers; Post Hole Diggers, air, gas, and electric; Power Broom Sweepers; Power Tampers of all types (except as shown in Group 2); Ram Set Gun and Stud Gun; Riprap-stonepaver and Rock-slinger, including placing of sacked concrete and/or sand (wet or dry); Rotary Scarifier, Multiple Head Concrete Chipper; Davis Trencher, 300 or similar type (and all small Trenchers); Roto and Ditch Witch; Roto-tiller; Sandblasters, Potmen, Gunman, Nozzle-man; Signalling and Rigging; Tank Cleaners; Tree Climbers; Vibra-screed, Bull Float in connection with Laborers' work; Vibrators; Dri-pak-it Machine; High Pressure Blow Pipe (1½" or over, 100 lbs. pressure and over); Hydro Seeder and similar type; Laser Beam in connection with Laborers' work

Group 1(a): Joy Drill Model TWM-2A; Gardener-Denver Model DH143 and similar type Drills; Track Drillers; Jack Leg Drillers; Diamond Drillers; Wagon Drillers; Mechanical Drillers, all types regardless of type or method of power; Multiple Unit Drills; Blasters and Powdermen; all work of loading, placing and blasting of all power and explosives of whatever type regardless of method used for such loading and placing; High Scalers (including drilling of same); Tree Topper; Bit Grinder

Group 1(b): Sewer Cleaners receive an additional \$4.00 per day, \$5.00 per day on recently active large diameter sewers or sewer manholes

Group 1(c): Burning and Welding in connection with Laborers' work

Group 1(d): Repair Trackmen and Road Beds (cut and cover work of subway after the temporary cover has been placed)

Group 1(e): Laborers on general construction work on or in Bell Hole Footings and Shaft

Group 1(f): Wire Winding Machine in Connection with Guniting or Shotcrete - Aligner

LABORERS - AREAS 1 and 2 (Cont'd)

Group 2: Asphalt Shovelers; Cement Dumpers and handling dry cement or gypsum; Choke-setter and Digger (clearing work); Concrete Bucket Dumper and Chuteman; Concrete Chipping and Grinding; Concrete Laborers (wet or dry); Chuck Tender; High Pressure Nozzleman, Adductors; Grout-crew; Hydraulic Monitor (over 100 lbs. pressure); Loading and unloading, carrying and hauling of all rods and materials for use in reinforcing concrete construction; Pittsburgh Chipper and similar type Brush Shredders; Sloper; Singlefoot, hand held, Pneumatic Tamper; All pneumatic, air, gas and electric tools not listed in Groups 1 through 1(f); Jacking of Pipe under 12 inches

Group 3: All Cleanup work of debris, grounds and buildings including but not limited to street cleaners; Cleaning and washing windows; Construction Laborers including Bridge and General Laborers; Dumpman; Load Spotter; Fire Watcher; Street Cleaners; Gardeners, Horticultural and Landscape Laborers; Jetting; Limbers; Brush Loaders; Pilers, Maintenance Landscape Laborers on new construction; Maintenance, Repair Trackmen and Road beds; Streetcar and Railroad Construction Track Laborers; Temporary air and water lines, Victaulic or similar; Tool Room Attendant; Fence Erectors; Guardrail Erectors; Pavement Markers (button setters)

Group 4: Brick Cleaners; Lumber Cleaners

GUNNITE

Group 1: Nozzleman (including Gunman, Potman); Rodmen, Groundman

Group 2: Reboundman

Group 3: General Laborers

TUNNEL and SHAFT WORK

Group 1: Diamond Driller; Groundman; Gunite and Shotcrete Nozzlemen; Rodmen; Shaft Work and Raise (below actual or excavated ground level)

LABORERS - AREAS 1 and 2 (Cont'd)

TUNNEL and SHAFT WORK (Cont'd)

Group 2: Bit Grinder; Blaster; Drillers, Powderman-heading; Cherry Pickermen - where car is lifted; Concrete Finisher in Tunnel; Concrete Screed Man; Grout Pumpman and Potman; Guniting and Shotcrete Gunmen and Potmen; Headermen; High Pressure Nozzleman; Miners - Tunnel, including Top and Bottom Man on Shaft and Raise Work; Nipper Nozzleman on slick line; Sandblaster-Potman (work assignment interchangeable); Steel Form Raisers and Setters; Timberman, Retimberman - wood or steel or substitute materials therefore; Tugger

Group 3: Cabletender; Chucktender; Powderman - Primer House; Vibrators, Pavement Breakers

Group 4: Bull Gang - Muckers, Trackmen; Concrete Crew - includes rodding and spreading; Dumpmen (any method); Grout Crew Reboundmen; Swamper

WRECKING WORK

Group 1: Skilled Wrecker (removing and salvaging of sash, windows, doors, plumbing and electric fixtures)

Group 2: Semi-skilled Wrecker (salvaging of other building materials)

Group 3: General Laborer (includes all cleanup work, loading lumber, loading and burning of debris)

HOUSEMOVING

Group 1: Skilled Housemover

POWER EQUIPMENT OPERATORS
AREAS I and II

Group 1: Assistants to Engineers (Brakeman; Fireman; Heavy Duty Repairman Tender; Oiler; Deckhand; Signalman; Switchman; Tar Pot Fireman); Partsman (heavy duty repair shop parts room)

Group 2: Compressor Operator; Concrete Mixer (up to and including 1 yd.); Conveyor Belt Operator (tunnel); Fireman Hot Plant; Hydraulic; Monitor; Mechanical Conveyor (handling building materials); Mixer Box Operator (concrete plant); Pump Operator; Spreader Boxman (with screeds); Tar Pot Fireman (power agitated)

POWER EQUIPMENT OPERATORS (Cont'd)
AREAS I and II (Cont'd)

- Group 3: Box Operator (bunker); Helicopter Radioman (Signalman); Motor-man; Locomotive (30 tons or under); Oiler; Ross Carrier (construction job site); Rotomist Operator; Screedman (except asphaltic concrete paving); Self-propelled, automatically applied concrete curing machine (on streets, highways, airports and canals); Trenching Machine (maximum digging capacity 5 ft. depth); Tugger Hoist, single drum; Truck Crane Oiler; Boiler Tender
- Group 4: Ballast Jack Tamper; Ballast Regulation; Ballast Tamper Multi-purpose; Boxman (asphalt plant); Elevator Operator (inside); Fork Lift or Lumber Stacker (construction job site); Line Master; Material Hoist (1 drum); Shuttlecar; Tie Spacer; Towermobile
- Group 5: Compressor Operator (over 2); Concrete Mixers (over 1 yd.); Concrete Pumps of Pumpcrete Guns; Generators; Grouting Machine; Pressweld (air operated); Pumps (over 1); Welding Machines (powered other than by electricity)
- Group 6: BLH Lima Road Pactor or similar; Boom Truck or Dual Purpose A-Frame Truck; Concrete Batch Plants (wet or dry); Concrete Saws (self-propelled unit) on streets, highways, airports and canals; Drilling and Boring Machinery, vertical and horizontal (not to apply to Waterliners, Wagon Drills or Jackhammers); Gradesetter, Grade Checker (mechanical or otherwise); Highline Cableway Signalman; Locomotives (steam of over 30 tons); Maginnis Internal Full Slab Vibrator (on airports, highways, canals and warehouses); Mechanical Finishers (concrete) (Clary, Johnson, Bidwell Bridge Deck or similar types); Mechanical Burm, Curb and/or Curb and Gutter Machine, concrete or asphalt; Portable Crusher; Post Driver (M-1500 and similar); Power Jumbo Operator (setting slip forms, etc. in tunnels); Roller (except asphalt); Screedman (Barber-Greene and similar) (asphaltic concrete paving); Self-propelled Compactor (single engine); Self-propelled Pipeline Wrapping Machine, Perault, CRC, or similar types; Slip Forms Pumps (lifting device for concrete forms); Small Rubber Tired Tractor; Surface Heater; Self-propelled Power Sweeper; Self-propelled Tape Machine; Auger-type drilling equipment, up to and including 30 ft. depth digging capacity M.R.C.
- Group 7: Concrete Conveyor or Concrete Pump, Truck or equipment mounted (boom length to apply); Concrete Conveyor, building site; Deck Engineers; Dual Drum Mixer; Fuller Kenyon Pump and similar types; Gantry Rider (or similar); Hydra-hammer (or similar); Material Hoist (2 or more drums); Mechanical Finishers or Spreader Machine (asphalt, Barber-Greene and similar); Mine or Shaft Hoist; Mixermobile; Pavement Breaker with or without Compressor Combination; Pipe Bending Machine (pipelines only); Pipe Cleaning Machine (tractor propelled and supported); Pipe Wrapping Machine (tractor propelled and supported); Refrigeration Plant; Roller Operator (finish asphalt); Self-propelled boom type lifting device (center mount) (10 tons or less M.R.C.); Self-propelled Elevating Grader Plane; Slusher Operator; Small Tractor (with boom); Soil Tester; Truck-type Loader; Welding Machines (gasoline or diesel)

POWER EQUIPMENT OPERATORS (Cont'd)
AREAS I and II (Cont'd)

Group 8: Armor-Coater (or similar); Asphalt Plant Engineer; Cast-in-place Pipe Laying Machine; Combination Slusher and Motor Operator; Concrete Batch Plant (multiple units); Dozer; Heading Shield Operator; Heavy Duty Repairman and/or Welder; Ken Seal Machine (or similar); Kolman Loader; Loader (up to 2 yds.); Mechanical Trench Shield; Portable Crushing and Screening Plants; Push Cat; Rubber Tired Earth-moving Equipment (up to and including 45 cu. yds. "struck" M.R.C) (Euclids, T-Pulls, DW-10, 20, 21, and similar); Rubber Tired Dozer; Self-propelled Compactor with Dozer; Sheepfoot; Timber Skidder (rubber tired or similar equipment); Tractor drawn Scraper; Tractor; Trenching Machine; Tri-batch Paver; Tunnel Mole Boring Machine; Welder; Woods-mixer (and other similar Pugmill equipment)

Group 9: Canal Finger Drain Digger; Chicago Boom; Combination Mixer and Compressor (Gunite); Combination Slurry Mixer and/or Cleaner; Highline Cableway (5 tons and under); Lull Hi-lift or similar (20 ft. or over); Mucking Machine (rubber tired, rail or track type); Tractor (with boom) (D-6 or larger and similar)

Group 10: Boom-type Backfilling Machine; Bridge Crane; Cargylift (or similar); Chemical Grouting Machine, truck mounted; Combination Backhoe and Loader (up to and including 1/2 cu. yd. M.R.C.); Derrick (2 operators required when swing engine remote from Hoist); Derrick Barges (except excavation work); Do-mor Loader; Adams Elevator; Elevating Grader; Heavy Duty Rotary Drill Rig (including Caisson Foundation work and Euclid Loader and similar type; Robbins type drills; Koehring Skooter (or similar); Lift Slab Machine; (Vagtborg and similar types); Loader (2 yds. up to and including 4 yds.); Locomotive, 100 tons (single or multiple units); Multiple Engine Earthmoving Machine (Euclids, Dozers, etc.) (no tandem Scraper); Pre-stress Wire Wrapping Machine; Reservoir-debris Tug (self-propelled floating); Rubber-tired Scraper, Self-loading (paddle wheels, etc.); Shuttle Car (reclaim station); Single engine Scraper over 45 yds.; Soil Stabilizer (P & H or equal); Sub-grader (Gurrier or other automatic type); Tractor, Compressor Drill Combination; Track Laying type Earth Moving Machine (single engine with Tandem Scrapers); Train Loading Station; Trenching Machine, multi-engine with sloping attachment, Jeffco or similar; Vacuum Cooling Plant; Whirley Crane (up to and including 25 tons)

Group 10-A: Backhoe (Hydraulic) (up to and including 1 cu. yd. M.R.C.); Backhoe (cable) (up to and including 1 cu. yd. M.R.C.); Combination Backhoe and Loader (over 3/4 cu. yd. M.R.C.); Continuous Flight Tie Back Auger (Crane attached/separate controls); Cranes not over 25 tons, Hammerhead and Gantry; Gradalls (up to and including 1 cu. yd.); Power Blade Operator (single engine); Power Shovels, Clamshells, Draglines (up to and including 1 cu. yd. M.R.C.) (Long Boom Pay); Rubber-tired Scraper, self-loading (Paddle Wheel, twin engine); Self-propelled Boom-type lifting device (center mount) (over 10 tons up to and including 25 tons); CMI Dual Lane Auto Grader SP-30 or similar

POWER EQUIPMENT OPERATORS (Cont'd)
AREAS I and II (Cont'd)

Group 11: Automatic Concrete Slip-form Paver (Gradesetter, Screedman); Automatic Railroad Car Dumper; Canal Trimmer with ditching attachments; Cary Lift, Campbell or similar, Continuous Flight Tie Back Auger (Crane attached, single controls); Cranes (over 25 tons up to and including 125 tons); Drott Travelift 650-A-1 or similar (45 ton or over); Euclid Loader when controlled from the Pullcat; Highline Cableway (over 5 tons); Loader (over 4 cu. yds., up to and including 12 cu. yds.); Miller Formless M-900 Slope Paver or similar (Grade Setter required); Multiple Engine Scraper (when used as Push Pull); Power Blade Operator (multi-engine); Power Shovels, Clamshells, Draglines, Backhoes, Gradalls (over 1 cu. yd. and up to and including 7 cu. yds. M.R.C., Long Boom Pay); Rubber-tired Earthmoving Machines (multiple propulsion power units and two or more Scrapers) (up to and including 75 cu. yds. Struck M.R.C.); Self-propelled Compactor Boom-type lifting device (center mount) (over 25 tons M.R.C.); Single engine Rubber-tired Earthmoving Machines (with Tandem Scrapers); Slip-form Paver (concrete or asphalt) (Screedman required); Tandem Cats; Tower Cranes Mobile (including rail mounted); Trencher (pulling attached shield); Tower Cranes, Universal Liebherr and similar types (in the erection, dismantling and moving of equipment); Wheel Excavator (up to and including 750 cu. yds. per hour); Whirley Crane (over 25 tons); Multi-earthmoving Equipment (up to and including 75 cu. yds. "struck" M.R.C.); Truck mounted Hydraulic Crane when remote control equipped (over 10 tons up to and including 25 tons)

Group 11-A: Band Wagons (in conjunction with wheel excavator); Cranes (over 125 tons); Loader (over 12 cu. yds., up to and including 18 cu. yds.); Power Shovels, Clamshells, Backhoes, Gradalls, and Draglines (over 7 cu. yds. M.R.C.); Rubber-tired Multi-purpose Earth Moving Machines (2 units over 75 cu. yds. "struck" M.R.C.); Wheel Excavator (over 750 cu. yds. per hour)

Group 11-B: Loader (over 18 yards)

Group 11-C: Operator of Helicopter (when used in erection work); Remote controlled Earthmoving equipment

POWER EQUIPMENT OPERATORS (Cont'd)

DREDGING

AREA DEFINITIONS FOR SCHEDULES I and II

Four Centers designated: City Halls of Oakland, San Francisco, Sacramento and Stockton, California

Area 1: Up to 20 road miles from said Centers

Area 2: More than 20 road miles to and including 30 road miles from said Centers

Area 3: Outside of 30 road miles from said Centers

Area 4: An area extending 25 road miles from shoreline of Lake Tahoe

SCHEDULE I

CLAMSHELL and DIPPER DREDGING (New Construction)

Group 1: Bargeman; Deckhand; Fireman; Oiler

Group 2: Deck Engineers; Deck Mate

Group 3: Welder; Mechanic Welder; Watch Engineer

Group 4: Clamshell Operator (up to and including 7 cu. yds. M.R.C.) (Long Boom Pay)

Group 4A: Clamshell Operator (over 7 cu. yds. M.R.C.) (Long Boom Pay)

SCHEDULE II

HYDRAULIC SUCTION DREDGING and all other CLAMSHELL and DIPPER DREDGING

Group A-1: Bargeman; Deckhand; Leveehand; Fireman; Oiler

Group A-2: Winchman (Stern Winch on Dredge); Deck Engineer

Group A-3: Watch Engineer; Welder; Welder Mechanic; Deckmate; Booster Pump Operator (Mud Cat)

Group A-4: Leverman; Clamshell Operator

PILEDIVING

Group 1: Assistant to Engineer (Fireman, Oiler, Deckhand)

Group 1A: Compressor Operator

Group 1B: Assistant to Engineer (Truck Crane Oiler)

Group 2A: Tugger Hoist Operator (hoisting material only)

Group 2B: Forklift Operator

POWER EQUIPMENT OPERATORS (Cont'd)
PILEDIVING (Cont'd)

Group 2C: Compressor Operator (over 2); Generators; Pumps (over 4);
Welding Machines (powered by other than electricity)

Group 2D: A-Frames

Group 3: Deck Engineer (Deck Engineer Operator required when deck
engine is used); Self-propelled Boom-type lifting device (center
mount) (10 ton capacity or less M.R.C.)

Group 3A: Heavy Duty Repairman and/or Welder

Group 4: Operating Engineer in lieu of Assistant to Engineer
tending boiler or compressor attached to Crane Piledriver; Operator
of Piledriving Rigs, Skid or Floating and Derrick Barges (Assistant
to Engineer required); Operator of diesel or gasoline power Crane
Piledriver (without boiler) up to and including 1 cu. yd. rating
(Assistant to Engineer required); Self-propelled Boom-type lifting
device (center mount) (over 10 tons up to and including 25 tons);
Truck Crane Operator (up to and including 25 tons) (hoisting material
only) (Assistant to Engineer required)

Group 5: Operator of diesel or gasoline powered Crane Piledriver
(with boiler) over 1 cu. yd. rating (Assistant to Engineer re-
quired); Operator of Crane (with steam, flash boiler, pump or com-
pressor attached) (Group 4 Engineer required); Operator of steam
powered Crawler or Universal type Driver (Raymond or similar)
(Assistant to Engineer required) Truck Crane Operator (over 25
tons) (hoisting material or performing Piledriving work) (Assis-
tant to Engineer required); Self-propelled Boom-type lifting device
(center mount) (over 25 tons) (Assistant to Engineer required)

Group 6: Cranes (over 125 tons) (Assistant to Engineer required)

STEEL ERECTION

Group 1: Assistant to Engineer (Oiler)

Group 2: Compressor Operator, Generator, gasoline or diesel driven
(100 K.W. or over) (structural steel or tank construction only)

Group 3: Compressors, Generators and/or Welding Machines or com-
bination (2 to 6) (Over 6 additional Engineers required) (structural
steel or tank erection only)

Group 4: Heavy Duty Repairman, Tractor Operator

Group 4A: Combination Heavy Duty Repairman and/or Welder

**POWER EQUIPMENT OPERATORS (Cont'd)
STEEL ERECTION (Cont'd)**

- Group 5:** Boom Truck or Dual Purpose A-Frame Truck; Boom Cat; Chicago Boom; Crawler Cranes and Truck Cranes (15 tons M.R.C. or less) (Assistant to Engineer required); Self-propelled Boom type lifting device (center mount) (10 ton capacity or less M.R.C.); Single drum Hoist; Tugger Hoist
- Group 6:** Carry Lift, Campbell or similar; Crawler Cranes and Truck Cranes (over 15 tons M.R.C.) (Assistant to Engineer required); Derrick (2 Operators when swing engine remote from hoist); Gantry Rider (or similar equipment); Highline Cableway (Signalman required); Self-propelled Boom-type lifting device (center mount) (over 10 tons up to and including 25 tons); Tower Cranes Mobile including rail mounted (Assistant to Engineer required); Tower Cranes, Universal Liebherr and similar types (in the erection, dismantling and moving of equipment there shall be an additional Operating Engineer)
- Group 7:** Self-propelled Boom-type lifting device (center mount) (over 25 tons) (Assistant to Engineer required)
- Group 8:** Cranes (over 125 tons) (Assistant to Engineer required)
- Group 9:** Helicopter Operator

TRUCK DRIVERS

- Group 1:** Bulk Cement Spreader (w/wo Auger, under 4 yds. water level); Bus or Manhaul Driver; Concrete Pump Machine; Concrete Pump Truck (when Flat Rack Truck is used appropriate Flat Rack rate shall apply); Dump (under 4 yds. water level); Dumpcrete Truck (under 4 yds. water level); Dumpster (under 4 yds. water level); Escort or Pilot Car Driver; Nipper Truck (when Flat Rack Truck is used appropriate Flat Rack rate shall apply); Pickups; Skids (Debris Box, under 4 yds. water level); Team Drivers; Trucks (Dry Pre-batch Concrete Mix, under 4 yds. water level); Warehousemen
- Group 2:** Teamster Oiler and/or Greaser and/or Service Man
- Group 3:** Bulk Cement Spreader (w/wo Auger, 4 yd. and under 6 yds. water level); Dump (4 yds. and under 6 yds. water level); Dumpcrete (4 yds. and under 6 yds. water level); Dumpster (4 yds. and under 6 yds. water level); Skids (Debris Box, 4 yds. and under 6 yds. water level); Single Unit Flat Rack (2 axle unit); Industrial Lift Truck (mechanical Tailgate); Trucks (Dry Pre-batch Concrete Mix, 4 yds. and under 6 yds. water level)
- Group 4:** Jetting Truck and Water Truck (under 2,500 gallons)
- Group 5:** Road Oil Trucks or Boot Man

TRUCK DRIVERS (Cont'd)

- Group 6: Lift Jitneys, Fork Lift
- Group 7: Transit Mix, Agitator (under 6 yds.)
- Group 8: Fuel and/or Grease Truck Driver or Fuelman
- Group 9: Vacuum Truck, under 3,500 gallons
- Group 10: Scissor Truck; Single unit Flat Rack (2 axle unit); Industrial Lift Truck (mechanical tailgate); Small rubber tired tractor (when used within Teamsters' jurisdiction)
- Group 11: Jetting Truck and Water Trucks, 2,500 gallons and under 4,000 gallons
- Group 12: Combination Winch Truck with Hoist; Transit Mix Agitator (6 yds. and under 8 yds.)
- Group 13: Vacuum Truck, 3,500 gallons and under 5,500 gallons
- Group 14: Rubber-tired Muck Car (not self-loaded)
- Group 15: Bulk Cement Spreader (w/wo Auger, 6 yds. and under 8 yds. water level); Dump (6 yds. and under 8 yds. water level); Dumpcrete (6 yds. and under 8 yds. water level); Dumpster (6 yds. and under 8 yds. water level); Skids (Debris Box, 6 yds. and under 8 yds. water level); Trucks (Dry Pre-batch Concrete Mix, 6 yds. and under 8 yds. water level)
- Group 16: A-Frame, Winch Truck; Buggymobile; Jetting and Water Truck (4,000 gallons and under 5,000 gallons); Rubber tired Jumbo
- Group 17: Heavy Duty Transport (high bed)
- Group 18: Ross Hyster and similar Straddle Carrier
- Group 19: Transit Mix Agitator (8 yds. through 10 yds.)
- Group 20: Vacuum Truck (5,500 gallons and under 7,500 gallons)
- Group 21: Jetting Truck and Water Truck (5,000 gallons and under 7,000 gallons)
- Group 22: Combination Bootman and Road Oiler
- Group 23: Transit Mix Agitator (over 10 yds. through 12 yds.)
- Group 24: Bulk Cement Spreader (w/wo Auger, 8 yds. and including 12 yds. water level); Dump (8 yds. and including 12 yds. water level); Dumpcrete (8 yds. and including 12 yds. water level); Self-propelled Street Sweeper with self-contained refuse bin; Skids (Debris Box, 8 yds. and including 12 yds. water level); Snow Go and/or Snow Plow; Truck (Dry Pre-batch Concrete Mix, 8 yds. and including 12 yds. water level)

TRUCK DRIVERS (Cont'd)

- Group 25: Heavy Duty Transport (Gooseneck Lowbed)
- Group 26: Transit Mix Agitator (over 12 yds. through 17 yds.)
- Group 27: Ammonia Nitrate Distributor Driver and Mixer; Bulk Cement Spreader (w/wo Auger, over 12 yds. and including 18 yds. water level); Dump (over 12 yds., and including 18 yds. water level); Dumpcrete over 12 yds. and including 18 yds. water level); Dumpster (over 12 yds. and including 18 yds. water level); Truck (Dry Pre-batch Concrete Mix, over 12 yds. and including 18 yds. water level)
- Group 28: Double Gooseneck (7 or more axles); Heavy Duty Transport Tiller Man
- Group 29: P.B. or similar type self-loading Truck
- Group 30: Transit Mix Agitator (over 14 yds. through 16 yds.)
- Group 31: Bulk Cement Spreader (w/wo Auger, over 18 yds. and including 24 yds. water level); Combination Dump and Dump Trailer; Dump (over 18 yds. and including 24 yds. water level); Dumpcrete (over 18 yds. and including 24 yds. water level); Dumpster (over 18 yds. and including 24 yds. water level); Skid (Debris Box, over 18 yds. and including 24 yds. water level); Transit Mix Agitator (over 12 yds. through 16 yds.); Trucks (Dry Pre-batch Concrete Mix, over 18 yds. and including 24 yds. water level)
- Group 32: Bulk Cement Spreader (w/wo Auger, over 24 yds. and including 35 yds. water level); Dump (over 24 yds. and including 35 yds. water level); Dumpcrete (over 24 yds. and including 35 yds. water level); Dumpster (over 24 yds. and including 35 yds. water level); DW 10's, 20's, 21's and other similar Cat type, Terra Cobra, LeTournapulls, Tournarocker, Euclid and similar type equipment when pulling Fuel and/or Grease Tank Trailers or other misc. Trailers; Skids (Debris Box, over 24 yds. and including 35 yds. water level); Trucks (Dry Pre-batch Concrete Mix, over 24 yds. and including 35 yds water level)
- Group 33: Truck Repairman
- Group 34: Bulk Cement Spreader (w/wo Auger, over 35 yds. and including 50 yds. water level); Dump (over 35 yds. and including 40 yds. water level); Dumpcrete (over 35 yds. and including 50 yds. water level); Dumpster (over 35 yds. and including 50 yds. water level); Skids (Debris Box, over 35 yds. and including 50 yds. water level); Trucks (Dry Pre-batch Concrete Mix, over 35 yds. and including 50 yds. water level)
- Group 35: DW 10's 20's, 21's and other similar Cat type, Terra Cobra, LeTournapulls, Tournarocker, Euclid and similar type equipment when pulling Aqua/Pak or Water Tank Trailers

TRUCK DRIVERS (Cont'd)

Group 36: Bulk Cement Spreader (w/wo Auger, over 50 yds. and under 65 yds. water level); Dump (over 50 yds. and under 65 yds. water level); Dumpcrete (over 50 yds. and under 65 yds. water level); Dumpster (over 50 yds. and under 65 yds. water level); Helicopter Pilot (when transporting men or materials); Skids (Debris Box, over 50 yds. and under 65 yds. water level); Trucks (Dry Pre-batch Concrete Mix, over 50 yds. and under 65 yds. water level)

Group 37: Bulk Cement Spreader (w/wo Auger, over 65 yds. and including 80 yds. water level); Dump (65 yds. and including 80 yds. water level); Dumpcrete (over 65 yds. and including 80 yds. water level); Dumpster (over 65 yds. and including 80 yds. water level); Skids (Debris Box, 65 yds. and including 80 yds. water level); Trucks (Dry Pre-batch Concrete Mix, 65 yds. and including 80 yds. water level)

Group 38: Bulk Cement Spreader (w/wo Auger, over 80 yds. and including 95 yds. water level); Dump (over 80 yds. and including 95 yds. water level); Dumpcrete (over 90 yds. and including 95 yds. water level); Dumpster (over 80 yds. and including 95 yds. water level); Skids (Debris Box, over 80 yds. and including 95 yds. water level); Trucks (Dry Pre-batch Concrete Mix, over 80 yds. and including 95 yds. water level)

AREA DESCRIPTIONS
FOR
POWER EQUIPMENT OPERATORS
AREAS I and II

**AREA I: All areas included in the description defined below which is based upon Township and Range Lines of AREAS I and II.

Commencing in the Pacific Ocean on the extension of the Southerly line of Township 19S.

Thence Easterly along the Southerly line to Township 19S, crossing the Mt. Diablo Meridian to the S.W. corner of Township 19S, range 6E, Mt. Diablo Base Line and Meridian,
Thence Southerly to the S.W. corner of township 20S, range 6E,
Thence Easterly to the S.W. corner of township 20S, range 13E,
Thence Southerly to the S.W. corner of township 21S, range 13E,
Thence Easterly to the S.W. corner of township 21S, range 17E,
Thence Southerly to the S.W. corner of township 22S, range 17E,
Thence Easterly to the S.E. corner of township 22S, range 17E,
Thence Southerly to the S.W. corner of township 23S, range 18E,
Thence Easterly to the S.E. corner of township 23S, range 18E;
Thence Southerly to the S.W. corner of township 24S, range 19E, falling on the Southerly Line of Kings County, thence Easterly along the Southerly Boundary of Kings County and the Southerly Boundary of Tulare County, to the S.E. corner of township 24S, range 29E,

AREA DESCRIPTIONS (Cont'd)
FOR
POWER EQUIPMENT OPERATORS
AREAS I and II

Thence Northerly to the N.E. corner of township 21S, range 29E,
Thence Westerly to the N.W. corner of township 21S, range 29E,
Thence Northerly to the N.E. corner of township 13S, range 28E,
Thence Westerly to the N.W. corner of township 13S, range 28E.
Thence Northerly to the N.E. corner of township 11S, range 27E,
Thence Westerly to the N.W. corner of township 11S, range 27E,
Thence Northerly to the N.E. corner of township 10S, range 26E,
Thence Westerly to the N.W. corner of township 10S, range 26E,
Thence Northerly to the N.E. corner of township 9S, range 25E,
Thence Westerly to the N.W. corner of township 9S, range 25E,
Thence Northerly to the N.E. corner of township 8S, range 24E,
Thence Westerly to the N.W. corner of township 8S, range 24E,
Thence Northerly to the N.E. corner of township 6S, range 23E,
Thence Westerly to the S.E. corner of township 5S, range 19E,
Thence Northerly to the S.E. corner of township 5S, range 19E,
Thence Westerly to the N.W. corner of township 5S, range 19E,
Thence Northerly to the N.E. corner of township 3S, range 18E,
Thence Westerly to the N.W. corner of township 3S, range 18E,
Thence Northerly to the N.E. corner of township 2S, range 17E,
Thence Westerly to the N.W. corner of township 2S, range 17E,
Thence Northerly crossing the Mt. Diablo Baseline to the N.E.
corner of township 2N, range 16E,
Thence Westerly to the N.W. corner of township 2N, range 16E,
Thence Northerly to the N.E. corner of township 3N, range 15E,
Thence Westerly to the N.E. corner of township 3N, range 15E,
Thence Northerly to the N.E. corner of township 4N, range 14E,
Thence Westerly to the N.W. corner of township 4N, range 14E,
Thence Northerly to the N.E. corner of township 5N, range 13E,
Thence Westerly to the N.E. corner of township 5N, range 13E,
Thence Northerly to the N.E. corner of township 10N, range 12E,
Thence Easterly to the S.E. corner of township 11N, range 14E,
Thence Northerly to the N.E. corner of township 11N, range 14E,
Thence Westerly to the N.E. corner of township 11N, range 10E,
Thence Northerly to the N.E. corner of township 15N, range 10E,
Thence Easterly to the S.E. corner of township 16N, range 11E,
Thence Northerly to the N.E. corner of township 16N, range 11E,
Thence Easterly to the S.E. corner of township 17N, range 14E,
Thence Southerly to the S.W. corner of township 14N, range 14E,
Thence Easterly to the S.E. corner of township 14N, range 15E,
Thence Southerly to the S.W. corner of township 13N, range 16E,
Thence Easterly to the S.E. corner of township 13N, range 16E,
Thence Southerly to the S.W. corner of township 12N, range 17E,
Thence Easterly along the Southern Line to township 12N to the
Eastern Boundary of the State of California, to the State of
California to the N.E. corner of township 17N, range 18E,
Thence Westerly to the N.W. corner of township 17N, range 11E,
Thence Northerly to the N.E. corner of township 20N, range 10E,

AREA DESCRIPTIONS (Cont'd)
FOR
POWER EQUIPMENT OPERATORS
AREAS I and II

Thence Westerly to the N.W. corner of township 20N, range 20E,
Thence Northerly to the N.E. corner of township 21N, range 9E,
Thence Westerly to the N.W. corner of township 21N, range 9E,
Thence Northerly to the N.E. corner of township 22N, range 8E,
Thence Westerly to the N.W. corner of township 27N, range 8E,
Thence Northerly to the S.W. corner of township 27N, range 8E,
Thence Easterly to the S.E. corner of township 27N, range 8E,
Thence Northerly to the N.E. corner of township 28N, range 8E,
Thence Westerly to the N.W. corner of township 28N, range 7E,
Thence Northerly to the N.E. corner of township 30N, range 6E,
Thence Westerly to the N.W. corner of township 30N, range 1E,
Thence Northerly along the Mt. Diablo Meridian to the N.E. corner
of Township 34N, range 1W,
Thence Westerly to the N.W. corner of township 34N, range 6W,
Thence Southerly to the N.E. corner of township 32N, range 7W,
Thence Westerly to the N.W. corner of township 32N, range 7W,
Thence Southerly to the S.W. corner of township 30N, range 7W,
Thence Easterly to the S.E. corner of township 30N, range 7W,
Thence Southerly to the S.W. corner of township 16N, range 6W,
Thence Easterly to the S.E. corner of township 16N, range 6W,
Thence Southerly to the S.W. corner of township 14N, range 5W,
Thence Westerly to the S.E. corner of township 14N, range 7W,
Thence Northerly to the N.E. corner of township 14, range 7W,
Thence Westerly to the N.W. corner of township 14N, range 7W,
Thence Northerly to the N.E. corner of township 15N, range 8W,
Thence Westerly to the S.E. corner of township 16N, range 12W,
Thence Northerly to the N.E. corner of township 16N, range 12W,
Thence Westerly to the N.W. corner of township 16N, range 12W,
Thence Northerly to the N.E. corner of township 18N, range 12W,
Thence Westerly to the N.W. corner of township 18N, range 14W,
Thence Southerly to the S.W. corner of township 18N, range 14W,
Thence Easterly to the S.E. corner of township 18N, range 14W,
Thence Southerly to the S.W. corner of township 16N, range 13W,
Thence Westerly to the N.W. corner of township 15N, range 14W,
Thence Southerly to the S.W. corner of township 14N, range 14W,
Thence Easterly to the S.E. corner of township 17N, range 14W,
Thence Southerly to the S.W. corner of township 13N, range 13W,
Thence Easterly to the S.E. corner of township 13N, range 13W,
Thence Southerly to the S.W. corner of township 11N, range 12W,
Thence Easterly to the S.E. corner of township 11N, range 12W,
Thence Southerly along the Eastern Line to range 12W, to the
Pacific Ocean excluding that portion of Northern California
within Santa Clara County included within the following line:
Commencing at the N.W. corner of township 6S, range 3E,
Mt. Diablo Baseline and Meridian:
Thence in a Southerly direction to the S.W. corner of township
7S, range 3E,
Thence in a Easterly direction to the S.E. corner of township
7S, range 4E,
Thence in a Northerly direction to the N.E. corner of township
6S, range 4E,

AREA DESCRIPTIONS (Cont'd)
for
POWER EQUIPMENT OPERATORS
AREAS I and II

Thence in a Westerly direction to the N.W. corner of township 6S, range 3E, to the point of beginning which portion is a part of Area 2.

AREA I: also includes that portion of Northern California within the following lines:

Commencing in the Pacific Ocean on an extension of the Southerly line to township 2N, Humboldt Baseline and Meridian:

Thence Easterly along the Southerly line to Township 2N, to the S.W. corner of Township 2N, range 1W,
Thence Southerly to the S.W. corner of township 1N, range 1W,
Thence Easterly along the Humboldt Baseline to the S.W. corner of township 1N, range 2E,
Thence Southerly to the S.W. corner of township 2S, range 2E,
Thence Easterly to the S.E. corner of township 2S, range 2E,
Thence Southerly to the S.W. corner of township 4S, range 3E,
Thence Easterly to the S.E. corner of township 4S, range 3E,
Thence Northerly to the N.E. corner of township 2S, range 3E,
Thence Westerly to the N.W. corner of township 2S, range 3E,
Thence Northerly crossing the Humboldt Baseline to the S.W. corner of township 1N, range 3E,
Thence Easterly along the Humboldt Baseline to the S.E. corner of township 1N, range 3E,
Thence Northerly to the N.E. corner of township 9N, range 3E,
Thence Westerly to the N.W. corner of township 9N, range 2E,
Thence Northerly to the N.E. corner of township 10N, range 1E,
Thence Westerly along the Northerly line to township 10N, into the Pacific Ocean.

AREA I: also includes that portion of Northern California included within the following lines:

Commencing at the Northerly boundary of the State of California at the N.W. corner of township 48N, range 7W, Mt. Diablo Baseline and Meridian:

Thence Southerly to the S.W. corner of township 44N, range 7W,
Thence Easterly to the S.E. corner of township 44N, range 7W,
Thence Southerly to the S.W. corner of township 43N, range 6W,
Thence Easterly to the S.E. corner of township 43N, range 5W,
Thence Northerly to the N.E. corner of township 48N, range 5W, on the Northerly boundary of the State of California,
Thence Westerly along the Northerly boundary of the State of California to the point of beginning.

AREA II: All areas not included within AREA I as defined.

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) (ii))

MODIFICATION #2 (CA84-5001)

May 18, 1984

DECISION #CA84-5001-MOD#2

(49 FR 12873-March 30, 1984)
Alameda, Alpine, Amador, Butte,
Calaveras ... Counties, etc.
California

Change:

Brick Tenders:

Area 2

Divers:

Divers

Stand-by Divers

Electricians:

Area 9:

Electricians

Cable Splicers

Marble Finishers

Power Equipment Operators:

Dredging - Schedule I

Clamshell and Dipper

Dredging (New Construction): Area 1 Area 2

Group 1

Group 2

Group 3

Group 4

Group 4-A

Area 3

Group 1

Group 2

Group 3

Group 4

Group 4-A

Fringe Benefits remain
at \$8.56

Soft Floor Layers:

Area 3

Tile Finishers

Tile Setters:

Area 1

Omit:

Drywall Installers/Lathers:

Drywall Installer; Lathers

Residential Drywall; Lather:

Area 1

	Basic Hourly Rates	Fringe Benefits
Area 2	16.23	4.85
Divers	31.63	6.105
Stand-by Divers	19.38	6.105
Area 9:		
Electricians	22.85	4.74+3%
Cable Splicers	25.14	4.74+3%
Marble Finishers	14.81	4.82
Area 1		
Group 1	14.30	15.63
Group 2	15.65	16.98
Group 3	17.01	18.34
Group 4	19.69	21.01
Group 4-A	20.08	21.41
Area 2		
Group 1	16.02	16.42
Group 2	17.37	17.77
Group 3	18.73	19.13
Group 4	21.40	21.80
Group 4-A	21.80	22.20
Area 3		
Area 4		
Area 3	17.69	5.66
Area 3	14.81	4.82
Area 1	22.10	6.68
Area 1	20.12	6.225
Area 1	13.57	6.225

Add:

Boilermakers - Blacksmith
(storage tank erection)

Boilermaker - Blacksmith
(storage tank repair)

Drywall Installers/Lathers
(non-residential):

Area 1

Area 2

Drywall Installers/Lathers
(Residential)

Area 1

Drywall Descriptions:

Drywall Installer/Lathers:
Non-Residential:

Area 1: Alameda, Contra
Costa, Marin, Monterey,
Napa, San Mateo, San
Benito, San Francisco,
San Mateo, Santa
Clara, Santa Cruz,
Solano, Sonoma
Counties

Area 2: Remainder of
Counties

Drywall Installers/Lathers
Residential:

Area 1: Calaveras,
Mariposa, Merced,
Tuolumne Counties

Basic Hourly Rates	Fringe Benefits
17.25	4.00
16.05	4.00
20.30	6.485
17.18	6.485
13.57	6.225

MODIFICATION #3 (CA84-5001)

June 8, 1984

DECISION #CA84-5001 -

MOD. #3

(49 FR 12873 - March 30,
1984)

Alameda, Alpine, Amador,
Butte, Calaveras ...
Counties, etc., Calif-
ornia

Change:

Electricians: Area 1

(ALAMEDA COUNTY)

Basic Hourly Rates	Fringe Benefits
\$22.56	\$7.298 +3%

MODIFICATIONS

MODIFICATION #4 (CA84-5001)

June 15, 1984

Page 1 of 2

DECISION #CA84-5001-MOD#4

(49 FR 12873-March 30, 1984)

Alameda, Alpine, Amador, Butte, Calaveras Counties, etc., California

CHANGE:

Brick Tenders:

Area 2

Electricians:

Area 4:

Electricians

Area 16:

Electricians

Laborers:

Area 1:

Group 1

Group 1-a

Group 1-b

Group 1-c

Group 1-d

Group 1-e

Group 1-f

Group 2

Group 3

Group 4

Plasterers Tenders:

Area 3

*Power Equipment Operators:

Group 1

Group 2

Group 3

Group 4

Group 5

Group 6

Group 7

Group 8

Group 9

Group 10

Group 10-A

Group 11

Group 11-A

Group 11-B

Group 11-C

Fringe Benefits: \$8.75

*Residential Construction 3 stories & under to be paid the Area 1 rate.

	Basic Hourly Rates	Fringe Benefits
	\$16.16	\$4.92
	16.01	4.41+ 3%
	20.81	4.41+ 3%
	15.56	5.11
	15.785	5.11
	16.06	5.11
	15.61	5.11
	15.81	5.11
	16.11	5.11
	16.145	5.11
	15.41	5.11
	15.31	5.11
	9.00	5.11
	19.09	4.93
	<u>AREA 1</u>	<u>AREA 2</u>
	14.96	16.96
	15.49	17.49
	15.80	17.80
	16.61	18.61
	16.92	18.92
	17.14	19.14
	17.38	19.38
	18.03	20.03
	18.35	20.35
	18.69	20.69
	18.87	20.87
	19.12	21.12
	20.84	22.84
	21.25	23.25
	21.73	23.73

Power Equipment Operators (Cont'd):

Piledriving:

Group 1

Group 1-A

Group 1-B

Group 2-A

Group 2-B

Group 2-C

Group 2-D

Group 3

Group 3-A

Group 4

Group 5

Group 6

Steel Erection:

Group 1

Group 2

Group 3

Group 4

Group 4-A

Group 5

Group 6

Group 7

Group 8

Group 9

Sheet Metal Workers:

Area 3

Tile Setters:

Area 1

Truck Drivers:

Group 1

Group 2

Group 3

Group 4

Group 5

Group 6

Group 7

Group 8

Group 9

Group 10

Group 11

Group 12

Group 13

Group 14

Group 15

Group 16

Group 17

Group 18

Group 19

Group 20

Group 21

Group 22

	Basic Hourly Rates	Fringe Benefits
	\$15.03	8.75
	15.55	8.75
	15.85	8.75
	15.85	8.75
	16.67	8.75
	16.99	8.75
	17.22	8.75
	17.44	8.75
	18.10	8.75
	18.92	8.75
	19.19	8.75
	20.90	8.75
	15.74	8.75
	16.30	8.75
	17.86	8.75
	18.06	8.75
	18.54	8.75
	19.30	8.75
	19.94	8.75
	20.40	8.75
	20.84	8.75
	22.42	8.75
	17.98	4.74
		+12%
	22.01	4.17
	18.30	4.29
	18.38	4.29
	18.40	4.29
	18.41	4.29
	18.42	4.29
	18.43	4.29
	18.45	4.29
	18.47	4.29
	18.48	4.29
	18.50	4.29
	18.51	4.29
	18.55	4.29
	18.56	4.29
	18.57	4.29
	18.60	4.29
	18.61	4.29
	18.62	4.29
	18.64	4.29
	18.65	4.29
	18.66	4.29
	18.71	4.29
	18.74	4.29

DECISION #CA84-5001-MOD#4
(49 FR 12873-March 30,
1984)

Alameda, Alpine, Amador,
Butte, Calaveras Counties,
etc., California
(CONT'D):

Truck Drivers (Cont'd)

	Basic Hourly Rates	Fringe Benefits
Group 23	\$18.75	4.29
Group 24	18.84	4.29
Group 25	18.85	4.29
Group 26	18.85	4.29
Group 27	18.85	4.29
Group 28	18.90	4.29
Group 29	18.94	4.29
Group 30	18.95	4.29
Group 31	18.98	4.29
Group 32	19.04	4.29
Group 33	18.97	4.29
Group 34	19.19	4.29
Group 35	19.29	4.29
Group 36	19.34	4.29
Group 37	19.49	4.29
Group 38	19.64	4.29

ADD:

Carpenters:

Area 6 (Residential):		
Carpenters	\$18.68	\$ 6.455
Hardwood Floorlayers;		
Shinglers; Power Saw		
Operator; Steel		
Scaffold Erector &		
Steel Shoring Erec-		
tors; Saw Filers	18.83	6.455
Area 7 (Residential):		
Carpenter	16.65	6.455
Hardwood Floorlayers;		
Shinglers; Power Saw		
Operator; Steel		
Scaffold Erector &		
Steel Shoring Erec-		
tors; Saw Filers	16.80	6.455

AREA DESCRIPTIONS:

Area 6: (Residential)
Alameda, Contra Costa,
Marin, San Benito, San
Mateo, Santa Clara &
Solano Counties

Area 7: (Residential)
Napa and Sonoma
Counties

MODIFICATIONS

MODIFICATION #4 (CAB4-5001)

June 15, 1984

Page 1 of 2

DECISION #CAB4-5001-MOD#4

(49 FR 12873-March 30, 1984)

Alameda, Alpine, Amador, Butte, Calaveras Counties, etc., California

CHANGE:

Brick Tenders:

Area 2

\$16.16 \$4.92

Electricians:

Area 4:

Electricians

16.01 4.41+
38

Area 16:

Electricians

20.81 4.41+
38

Laborers:

Area 1:

Group 1

15.56 5.11

Group 1-a

15.785 5.11

Group 1-b

16.06 5.11

Group 1-c

15.61 5.11

Group 1-d

15.81 5.11

Group 1-e

16.11 5.11

Group 1-f

16.145 5.11

Group 2

15.41 5.11

Group 3

15.31 5.11

Group 4

9.00 5.11

Plasterers Tenders:

Area 3

19.09 4.93

*Power Equipment Operators:

AREA 1 AREA 2

Group 1

14.96 16.96

Group 2

15.49 17.49

Group 3

15.80 17.80

Group 4

16.61 18.61

Group 5

16.92 18.92

Group 6

17.14 19.14

Group 7

17.38 19.38

Group 8

18.03 20.03

Group 9

18.35 20.35

Group 10

18.69 20.69

Group 10-A

18.87 20.87

Group 11

19.12 21.12

Group 11-A

20.84 22.84

Group 11-B

21.25 23.25

Group 11-C

21.73 23.73

Fringe Benefits: \$8.75

*Residential Construction 3 stories & under to be paid the Area 1 rate.

Power Equipment Operators (Cont'd):

Piledriving:

Group 1

\$15.03 8.75

Group 1-A

15.55 8.75

Group 1-B

15.85 8.75

Group 2-A

15.85 8.75

Group 2-B

16.67 8.75

Group 2-C

16.99 8.75

Group 2-D

17.22 8.75

Group 3

17.44 8.75

Group 3-A

18.10 8.75

Group 4

18.92 8.75

Group 5

19.19 8.75

Group 6

20.90 8.75

Steel Erection:

Group 1

15.74 8.75

Group 2

16.30 8.75

Group 3

17.86 8.75

Group 4

18.06 8.75

Group 4-A

18.54 8.75

Group 5

19.30 8.75

Group 6

19.94 8.75

Group 7

20.40 8.75

Group 8

20.84 8.75

Group 9

22.42 8.75

Sheet Metal Workers:

Area 3

17.98 4.74

+128

Tile Setters:

Area 1

22.01 4.17

Truck Drivers:

Group 1

18.30 4.29

Group 2

18.38 4.29

Group 3

18.40 4.29

Group 4

18.41 4.29

Group 5

18.42 4.29

Group 6

18.43 4.29

Group 7

18.45 4.29

Group 8

18.47 4.29

Group 9

18.48 4.29

Group 10

18.50 4.29

Group 11

18.51 4.29

Group 12

18.55 4.29

Group 13

18.56 4.29

Group 14

18.57 4.29

Group 15

18.60 4.29

Group 16

18.61 4.29

Group 17

18.62 4.29

Group 18

18.64 4.29

Group 19

18.65 4.29

Group 20

18.66 4.29

Group 21

18.71 4.29

Group 22

18.74 4.29

DECISION #CA84-5001-MOD#4
(49 FR 12873-March 30, 1984)

Alameda, Alpine, Amador, Butte, Calaveras Counties, etc., California
(CONT'D):

Truck Drivers (Cont'd)

	Basic Hourly Rates	Fringe Benefits
Group 23	\$18.75	4.29
Group 24	18.84	4.29
Group 25	18.85	4.29
Group 26	18.85	4.29
Group 27	18.85	4.29
Group 28	18.90	4.29
Group 29	18.94	4.29
Group 30	18.95	4.29
Group 31	18.98	4.29
Group 32	19.04	4.29
Group 33	18.97	4.29
Group 34	19.19	4.29
Group 35	19.29	4.29
Group 36	19.34	4.29
Group 37	19.49	4.29
Group 38	19.64	4.29

ADD:

Carpenters:

Area 6 (Residential):

	Basic Hourly Rates	Fringe Benefits
Carpenters	\$18.68	\$ 6.455
Hardwood Floorlayers; Shinglers; Power Saw Operator; Steel Scaffold Erector & Steel Shoring Erectors; Saw Filers	18.83	6.455

Area 7 (Residential):

	Basic Hourly Rates	Fringe Benefits
Carpenter	16.65	6.455
Hardwood Floorlayers; Shinglers; Power Saw Operator; Steel Scaffold Erector & Steel Shoring Erectors; Saw Filers	16.80	6.455

AREA DESCRIPTIONS:

Area 6: (Residential)

Alameda, Contra Costa, Marin, San Benito, San Mateo, Santa Clara & Solano Counties

Area 7: (Residential)

Napa and Sonoma Counties

DECISION #CA84-5001-Mod. #5

(49 FR 12873-March 30, 1984)

Alameda, Alpine, Amador, Butte, Calaveras Counties, etc., California

Change:

In Modification No. 2, published May 18, 1984, the Marble Finishers and the Tile Finishers should each read:
Area 1.

	Basic Hourly Rates	Fringe Benefits
Change: In Modification No. 2, published May 18, 1984, the Marble Finishers and the Tile Finishers should each read: Area 1.		

DECISION NO. CA93-5116

NEW DECISION

COURT: Statewide
DATE: Date of Publication

STATE: California
DECISION NUMBER: CA93-5116
DESCRIPTION OF WORK: Meter Well Drilling

COUNTIES:

COUNTIES	DRILLER		DRILLER'S RELATE		NEW TOTALLED	
	Basic Hourly Rate	Fringe Benefits	Basic Hourly Rate	Fringe Benefits	Basic Hourly Rate	Fringe Benefits
Alameda	9.15	1.70	\$7.65	1.39	9.04	1.69
Alpine	10.07	.13	7.00		7.00	
Butte	7.00		7.00		7.00	
Calaveras	10.00		8.00		8.00	
Colusa	6.95		4.50		4.50	
Contra Costa	7.25	1.13	5.00	1.23	6.23	.72
Del Norte	7.50	.72	5.00		5.00	
El Dorado	11.00	1.48	10.36	1.63	11.99	1.66
Fresno	7.00		7.00		7.00	

COUNTIES	DRILLER		DRILLER'S RELATE		NEW TOTALLED	
	Basic Hourly Rate	Fringe Benefits	Basic Hourly Rate	Fringe Benefits	Basic Hourly Rate	Fringe Benefits
San Jose	10.57	2.03	8.00		8.00	
Stanislaus	8.00		8.00		8.00	
Sutter	7.50		7.50		7.50	
Tehama	7.00		7.00		7.00	
Trinity	7.00		7.00		7.00	
Tulare	7.00		7.00		7.00	
Tuolumne	7.00		7.00		7.00	
Yuba	7.00		7.00		7.00	

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 clause (29 CFR. 5.5(a) (1)(ii))

COUNTIES	DRILLER		DRILLER'S RELATE		NEW TOTALLED	
	Basic Hourly Rate	Fringe Benefits	Basic Hourly Rate	Fringe Benefits	Basic Hourly Rate	Fringe Benefits
Alameda	10.07	10.16	\$7.25	2.03	9.28	2.03
Alpine	9.69		8.00		8.00	
Butte	7.00		7.00		7.00	
Calaveras	7.50		7.50		7.50	
Colusa	11.07	2.03	7.50		7.50	
Contra Costa	8.00	.31	7.25		7.25	
El Dorado	13.37	1.45	6.13	.50	6.63	1.04
Fresno	7.00		7.00		7.00	
Imperial	8.00	.31	7.25		7.25	
Inyo	8.70	.36	6.38	.23	6.61	.43
Kern	7.05	.66	5.00	.64	5.64	.43
Kings	7.07	1.21	5.00		5.00	
Lake	11.07	2.03	7.00	2.03	9.03	2.03
Lassen	5.50	.43	4.50	.43	4.93	.43
Los Angeles	9.65	.72	6.25		6.25	.57
Marin	11.07	2.03	7.00	2.03	9.03	.72
Mariposa	7.50	.72	5.00		5.00	
Mendocino	11.07	2.03	7.00	2.04	9.04	.72
Mered	7.07	.13	6.00	.11	6.11	2.03
Modoc	10.50		7.25		7.25	
Monterey	12.50		6.00		6.00	
Napa	8.00	.81	6.00	.81	6.81	.81
Nevada	7.00	.10	5.00	.10	5.10	
Orange	11.00	1.48	8.00	1.39	9.39	
Pitkin	9.00		8.00		8.00	
Plumas	10.00	.36	6.00	.32	6.32	1.63
San Bernardino	10.00		6.00		6.00	.34
San Diego	8.30	2.63	6.00	2.54	8.54	.83
San Francisco	10.20	.37	8.00		8.00	2.43
San Joaquin	8.18		7.50		7.50	.77
San Luis Obispo	10.00		7.50	.39	7.89	
San Mateo	7.00	.13	6.00	.11	6.11	3.03
Santa Clara	6.05	1.82	5.43	.50	5.93	
Santa Cruz	10.00	.01	6.73	.33	7.06	1.43
Siskiyou	7.98		6.50		6.50	
Sonoma	8.39	2.65	6.00	2.54	8.54	2.45
Stearns	6.95		6.00		6.00	1.31
Sutter	7.00	.13	5.00	.10	5.10	
Tahoe	8.00	.31	7.25		7.25	

		Basic Hourly Rates	Fringe Benefits	DECISION NO. C083-5113 - Mod #2		Basic Hourly Rates	Fringe Benefits
DECISION NO. C083-5116 - Mod. #1 (48 FR 35821 - August 5, 1983 Statewide, California				(48 FR 32451 - July 15, 1983) Adams, Arapahoe, Boulder, Clear Creek, Denver, Douglas, Eagle, Elbert, Gilpin, Grand, Jefferson, Lake, Larimer, Morgan, Park, Summit, and Weld Counties, Colorado			
Add: Santa Clara County: Drillers \$8.39 \$2.65 Driller's Helpers 6.85 2.54 Pump Installer 8.39 2.65							
				Change: Asbestos Workers		\$10.75	\$3.04

		Basic Hourly Rates	Basic Hourly Rates	DECISION NO. IA83-4056 - MOD. #7		Basic Hourly Rates	Fringe Benefits
		ZONE 1	ZONE 2	(48 FR 34611 - 7/29/83) Black Hawk, Cerro Gordo, Clinton, Des Moines, Du- buque, Johnson, Linn & Polk Cos., Iowa			
DECISION NO. C083-5109 - MOD. #4 (48 FR 15404-April 8, 1983) Statewide, Colorado						CHANGE: Carpenters: Zone 8: Carpenters \$12.95 2.54 Millwrights & pile- drivermen 13.30 2.54 Drywall 12.95 2.54 Lathers - Zone 8 12.95 2.54 Sheet metal workers: Zone 1 12.91 2.70	
CHANGE: DOLORES CO. ONLY POWER EQUIPMENT OPERATORS (other than for work in Tunnels, Shafts and Raises):							
Group 1 15.15 15.90							
Group 2 15.50 16.25							
Group 3 15.85 16.60							
Group 4 16.00 16.75							
Group 5 16.15 16.90							
Group 6 16.30 17.05							
(for work in Tunnels, Shafts and Raises):							
Group 1 15.30 16.05							
Group 2 15.65 16.40							
Group 3 15.75 16.50							
Group 4 16.00 16.75							
Group 5 16.15 16.19							
Group 6 16.55 17.30							
Group 7 16.30 17.05							
FRINGE BENEFITS: \$3.45							

6.100 DESCRIPTION OF WORK

The work shall consist of furnishing and installing approximately 173 LF 12", 472 LF 10", and 25 LF 6" watermains, complete with valves; 259 LF of 18", 6 LF of 15", and 38 LF of 12" storm drain, including tying into existing manhole; catch basin; and construction of manhole, catch basin, and storm drain riser. The work shall also consist of removal of existing storm drain pipe, manhole, catch basin and miscellaneous concrete, and construction of curb, gutter and sidewalk and other incidental and related work, all as shown on the plans and specifications for the above project.

The work shall be done as shown on the following plans.

VICINITY MAP

STANDARD PLANS

Std. Plan 112	Square-type Curb & Gutter, Sidewalk and Residential Driveway
Std. Plan 114	Commercial-type Gutter and Driveway
Std. Plan 117	Sidewalk Repair
Std. Plan 136	Rolled Curb, Gutter & Sidewalk
Std. Plan 301	48" Manhole
Std. Plan 303	Side Inlet Catch Basin
Std. Plan 307	Side Inlet Catch Basin Assembly
Std. Plan 402	Water Valve Installation
Std. Plan 405	Thrust Block Requirements
Std. Plan 408	Water Valve Cover
Std. Plan 409	Temporary Water Blow-Off and Connection Details
Std. Plan 501	Pipe Bedding and Backfill Requirements
Std. Plan 502	Standard Abbreviations
Std. Plan 503	Drafting Symbols

IMPROVEMENT PLANS

Dwg. 84D106	MISSION STREET WATERMAIN AND STORM DRAIN Stockton Street to Washington Street
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6.200 QUANTITIES

The preliminary estimate of the quantities of work to be done and materials furnished shown in the proposal are approximate only, being given as a basis for the comparison of bids, and the City of Lodi does not expressly or by implication agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work or to omit portions of the work that may be deemed necessary or expedient by the City Engineer.

Additions or deletions in the quantity of work as set forth in these specifications and accompanying drawings for lump sum items may be ordered by the Engineer after the contract price has been adjusted accordingly to the satisfaction of both the Contractor and the City of Lodi, and they have been accepted in writing by the Engineer.

6.300 MATERIALS

The Contractor shall furnish for use under these Special Provisions all materials required to complete the project.

Whenever any material is specified by name and/or number thereof, such reference shall be deemed to be used for the purpose of facilitating a description of the materials and establishing quality, and shall be deemed and construed to be followed by the words, "or approved equal." No substitution will be permitted which has not been submitted ten days prior to installation for approval by the Engineer. Sufficient descriptive literature and/or samples must be furnished for any materials submitted as "equal" substitutes.

All materials shall be guaranteed for a period of one year against material defects and workmanship.

6.400 SCHEDULING PROJECT WORK

Prior to any work, the Contractor shall furnish the Engineer with a work progress schedule in writing delineating the anticipated work procedure. This schedule shall be kept current and the Engineer shall be notified in writing 48 hours in advance of any variation thereof. The Contractor shall also supply the Engineer with a telephone number or numbers where a duly authorized representative of the Contractor may be reached at any time.

Prior to construction, a conference with the Contractor and Engineer concerning the schedule, traffic control and job safety shall be held.

6.500 CONSTRUCTION RIGHT-OF-WAY

The City of Lodi has acquired the rights-of-way and easements in which the improvements and appurtenances shall be located.

The Contractor shall make his/her own arrangements, and pay all expenses for additional areas required by Contractor outside of the limits of right-of-way, unless otherwise provided in the Special Provisions.

6.600 CONSTRUCTION DETAILS

6.601 Existing Facilities Protection of existing facilities shall conform to all the applicable provisions in Section 15 of the Standard Specifications and these Special Provisions.

All known obstructions to the work are indicated on the attached plans. However, the City cannot guarantee the accuracy of this information. The Contractor will be held responsible for the maintenance and protection of or damage to existing facilities, structures, obstructions, and all underground facilities shown on the plans or brought to the Contractor's attention during the contract.

The Contractor shall notify owner agencies for locations of utilities or facilities prior to excavation.

Any damage which is caused by the operations of the Contractor to any facility, utility or structure shall be immediately repaired by Contractor to the satisfaction of the owning agency and the Engineer, and no extra work or additional payment will be allowed or made for any repair of utilities, facilities or structures damaged by the Contractor.

6.602 Dust Control and Watering Dust control and watering shall conform to the provisions in Section 10 and 17 of the Standard Specifications and these Special Provisions.

At the request of the Contractor, water for dust control and project construction will be furnished by the City of Lodi without cost to the Contractor. Water is available from fire hydrants within the project boundaries at the locations shown on the plans. Proper fire hydrant wrenches shall be supplied and used by the Contractor.

Necessary precautions to prevent dust nuisance shall be taken during all phases of construction, on non-working days, and to final acceptance of the work.

Full compensation for furnishing watering equipment and applying water shall be considered as included in the price paid for the various contract items of work, and no additional compensation will be allowed therefor.

6.603 Clearing and Grubbing Clearing and grubbing shall conform to the provisions in Section 16 of the Standard Specifications and these Special Provisions.

Clearing and grubbing shall include all those areas to be improved within the construction limits shown on the plans.

All vegetable growth, buried logs, trees, shrubs, concrete, abandoned miscellaneous facilities and any other objectionable material shall be removed or crushed in place, if applicable, to a depth of not less than 6 inches below any compacted material or as directed by the Engineer.

Prior to final paving, all portions of existing pavement to be removed shall be cut on a neat, straight line. Pavement removed outside the removal line shall be cut parallel to and at right

angles to the removal line. The face of the cut shall be smooth and shall not overhand the removal area. Drop hammers are not allowed. Jackhammers may be used if the cuts are overlapped and meet the above criteria.

All material cleaned and grubbed shall become the property of the Contractor and shall be disposed of outside of the right-of-way in accordance with the provisions in Section 7-1.13 of the Standard Specifications.

Section 16-1.07 of the Standard Specifications concerning adjustment of lump sum price shall be deleted.

Full compensation for clearing and grubbing shall be considered as included in the price paid for various contract items, and no additional compensation will be allowed therefor.

6.604 Pavement Replacement Pavement replacement shall include removing existing pavement, subgrade preparation and asphalt concrete pavement installation. Subgrade shall be compacted to the relative density and depth as shown on the plans.

Asphalt concrete shall be Type B, medium gradation, and shall conform to the provisions of Section 39 of the Standard Specifications and these Special Provisions, 3/8" maximum aggregate size.

All bituminous binder shall be viscosity grade AR-4000 liquid asphalt, except AR-8000 liquid asphalt shall be used when the ambient temperature is over 90° to 95° F. Liquid asphalt shall conform to the applicable parts of Section 92 of the Standard Specifications.

The amount of asphalt binder to be mixed with the aggregate shall be between 4 per cent and 7 per cent by weight of the dry aggregate. The Contractor shall submit a mix design for approval 15 days prior to paving.

Asphalt concrete shall not be placed until the subgrade has been approved by the Engineer. Unstable subgrade shall not be paved.

SS-1 asphaltic emulsion shall be applied to existing pavements, lower courses of new pavements (unless upper course is being applied in the same day and the lower course is clean), and vertical edges of new or existing pavements, prior to paving. The emulsion may be diluted up to 1:1 in accordance with the manufacturer's recommendations. Immediately before applying the emulsion, the surface shall be cleaned of all dirt and loose material. Asphaltic emulsion and application shall conform to the applicable parts of Sections 94 and 39-4 of the Standard Specifications.

Spreading and compacting shall conform to Sections 39-5, 39-6 and 39-7 of the Standard Specifications with the following exceptions:

1. Asphalt concrete shall not be spread with blading equipment;
2. Vibratory rollers may be used with the approval of the Engineer;
3. The roller requirements of Section 39-5.02 may be reduced to one 2-axle steel tired tandem roller and one pneumatic tired roller provided the production rate allows the finish rolling to be accomplished satisfactorily;
4. Where the required thickness of asphalt concrete is 0.2 foot or less, it may be placed in one layer;
5. Compacting equipment reductions in Section 39-603 apply except (3) in which the total amount of asphalt concrete included in the contract is reduced to 500 tons;
6. Seal coat per Section 39-7.02 is not required.

The complete surface shall be thoroughly compacted, smooth, true to grade and cross section, and free from ruts, humps, depressions or irregularities. Depressions over 0.02 feet in 10 feet and other surface irregularities shall be corrected to the satisfaction of the Engineer.

Water valve frames shall be adjusted to within 1/8" of finished grade, as shown on the plans. Payment for adjusting water valve frames to grade shall be included in the contract price paid per the appropriate contract item.

Full compensation for pavement replacement shall be included in the price of various contract items, and no additional compensation will be allowed therefor.

6.605 Water Main Water main, 6", 10" and 12", shall be asbestos cement pipe conforming to the requirements of AWWA Standard C-400 latest revision, Class 150 Type II. Rubber rings shall conform to the requirements of ASTM D1869, latest revision.

Thrust blocks shall conform to Standard Plan 405.

- (a) Miscellaneous Fittings Asbestos cement pipe fittings shall conform to AWWA Standard C110, latest revision, and shall be of cast iron, match the make of pipe used, and be as specified by the manufacturer for use with Class 150 pipe. Joints in fittings and adapters shall be of the type with a seal ring groove for positively holding the rubber joint in place against the water pressure and shall be similar to the specified joint for asbestos cement pipe. All cast iron fittings shall be coated outside and inside with a bituminous coating as per Section 10-3 of AWWA Standard C110, latest revision. Flanged fittings shall also be allowed.

4" through 12" valves shall be Mueller Resilient Wedge valves or butterfly valves.

Butterfly valves shall be "Dresser 450" or approved equal and shall conform to the requirements of AWWA Standard C504,

latest revision. All valves shall open left (clockwise to close) and be equipped with a 2-inch AWWA operating nut. All valves shall be coated for buried service per AWWA Standards. All valves shall be Class 150 minimum.

The valve boxes shall be of cast iron and shall conform to City of Lodi Standard Plans. Covers shall be marked "WATER" and shall have a free fit in the box.

Not all pipe fittings required to do the work are shown on the plans. The Contractor shall furnish and install all fittings as necessary to accomplish grade and adjustment changes in conformance with the pipe manufacturer's recommendations.

- (b) Trench Details All pipe shall be installed as per Std. Plan 501. All trenches shall be compacted and brought to grade by the end of each working day. A maximum of 50 feet of trench may be left open at the end of the working day. Steel plate or timber trench covers will not be permitted without prior approval. Temporary patch "cold mix" (medium cure cutback asphalt) shall be used to surface trench until finish paving is completed.
- (c) Payment The contract price paid per lineal foot for pipe and per each for valves shall include full compensation for furnishing all labor, materials including pipe, valves, tees, miscellaneous fittings, castings, thrust blocks, tools, equipment, excavating and backfilling, testing, disinfecting and flushing, fence relocation and additions, and for doing all work involved in installing the pipe and valves shown on the plans and as specified under these Special Provisions, and no additional compensation will be allowed therefor.

6.606 Water System Installation

- (a) General Requirements: Water mains shall be installed with due regard for protection from sanitary hazards, including current spacing and crossing requirements of the California Administration Code, Title 22. Minimum pipe cover shall be 3' within right-of-way line.

The Contractor shall also take the necessary precautions to protect workers from asbestos fiber hazards. Reference is made to AWWA Manual M-16, "Work Practices for Asbestos-Cement Pipe." Use of any "non-recommended work practices" such as cutting any AC pipe with abrasive disc-dry tools is strictly forbidden.

Reference is made to the AWWA Standards C603, "Installation of Asbestos Cement Water Pipe" and C601, "Disinfecting Water Mains", and applicable California Department of Health Waterworks Standards. The pipe must be kept exceptionally clean during installation, since the bypass (Std. Plan 409) will not provide

adequate flushing velocities and the use of calcium hypochlorite tablets provides disinfection before flushing.

The bypass does not provide adequate fire protection and the City takes no responsibility for water quality downstream of the bypass.

Hydrants installed but not in service shall be wrapped with burlap and wired and remain so until such time as the hydrants are in service. Holes may be cut in the burlap in order that the hydrant may be used for construction water.

- (b) Disinfection: If calcium hypochlorite tablets are used, the number shall be in accordance with the following table and disinfection shall be prior to pressure testings.

Length of section (ft)	Diameter of Pipe (in.)			
	6	8	10	12
13 or less	2	3	4	6
18	2	4	6	8

The table is based on 6 to 8 tablets per ounce (3 3/4 g. available chlorine per tablet), which is equal to 50 parts per million.

If the continuous feed method is used, it may be delayed until completion of the pressure test. The continuous feed method shall provide a dose of 50 parts per million.

- (c) Connections to Existing Water Mains: Under no circumstances shall anyone other than a representative of the City of Lodi Public Works Department open or close any valve in the existing City water system. Requests for valve operation shall be made to the Engineer at least 48 hours in advance. In cases where customer service will be interrupted, the request shall be made at least 48 hours in advance and the Contractor shall make satisfactory preparation for the planned work to minimize the interruption. The procedure shall be reviewed and approved by the City prior to the start of construction.
- (d) Connection Details: Connections shall be made per Standard Plan 409. The number and location of Contractor owned and furnished bypasses shall be determined by the Contractor.

Upon request, the City will open its valve to the new pipe after the mains and services have been installed and backfilled and thrust blocks have cured for 48 hours.

(e) Water Main Acceptance Tests: Official test for acceptance shall normally be conducted after compaction has been completed.

Pressure Test: All piping shall be tested to a pressure of 150 pounds per square inch. All material, equipment and labor for testing shall be approved by the City prior to testing and shall be furnished without cost to the City of Lodi. The system will be tested as directed by the Engineer as a unit or in sections not to exceed 1,000 lineal feet. Each unit tested shall successfully meet the requirements herein specified. The water services shall be considered as part of the main for test purposes and no allowance for additional leakage shall be made.

Unless otherwise directed by the Engineer, testing shall be accomplished by opening hydrants and service line cocks at the high points of the system and blowoffs at all deadends. The valve controlling the admission of water into the section of pipe to be tested should be opened slowly and fully before closing the hydrants or blowoffs. After the system has been filled with water and all air expelled, all the valves controlling the section to be tested shall be closed, and the line remain in this condition for a period of not less than 24 hours.

The pipe shall then be refilled, if necessary, and subjected to a maintained pressure of not less than 150 pounds per square inch for a period of two hours.

Allowable leakage shall not exceed the following:

Pipe diameter in inches	6	8	10	12
GPH per 100 couplings	1.84	2.45	3.07	3.68

All leaks that are found shall be immediately corrected and the system again subjected to the same test.

All repairs of any damage to the pipes and their appurtenances, or to any other structures, resulting from or caused by these tests, shall be performed by the Contractor as the Engineer may direct, all without cost to the City of Lodi.

Bacteriological Test: After the successful completion of the pressure tests, bacteriologic samples shall then be taken at locations specified by the Water/Sewer Supervisor. The City will take these tests. Results of tests will take at least 3 days. Repeat tests, if needed, will be at the Contractor's expense. The Contractor may have the samples

collected and tested by a State certified laboratory, with results delivered to the Water/Sewer Superintendent.

- (f) Final Connections to Existing Mains: After notification of passing bacteriological tests, the connections to the existing mains shall be completed by the Contractor per Standard Plan 409. Requests for City valve operation shall be made per these specifications.

As each connection is made, the main shall be flushed such that the flow is away from the existing water system. Each connection shall be flushed in this manner until the entire new water system is flushed, all under the direction of the Engineer. Burlap wrapping shall be removed from all hydrants. At this point, the City will take over operation of water system. The Contractor will be responsible for the cost of repairing any damage to the system until acceptance by the City Council.

- (g) Payment: Full compensation for furnishing all labor, materials, tools, equipment, excavating, backfilling, testing, disinfecting and flushing and for doing all work involved in installing the water system shown on the plans and as specified in these Special Provisions shall be included in the appropriate contract item and no additional compensation will be allowed therefor.

6.607 Pipe, Manhole Excavation and Backfill Excavation and backfill for installing or removing pipe and tying into manholes shall conform to the provisions in Section 19.3 of the Standard Specifications and these Construction Specifications.

Pavement removal shall conform to Section 6.603, Clearing and Grubbing, of these Special Provisions. All excavation shall be made to the lines and grades shown on the plans. Where mud, peat or any unstable or objectionable material is encountered at or within 6 inches of the bottom of any excavation, such material shall be removed to a depth of at least 12 inches below the established grade and the trench brought to grade by placing a suitable material thoroughly compacted in place, all as approved by the Engineer.

Trench width, bedding and backfill for pipe shall conform to "Pipe Bedding and Backfill Requirements," Standard Plan 501. The bedding shall be Class C unless otherwise specified on the plans. Trench backfill shall attain a relative compaction of 90 per cent. Backfill around manholes may be made with native material and shall attain a relative compaction of 92 per cent.

Ponding or jetting of backfill to the top of pipe is allowed, unless otherwise shown on the plans.

Backfill shall be brought to subgrade and the existing surface shall be replaced with the structural section shown on the plans.

Trench backfill shall be accomplished as soon as possible after the pipe has been installed, and all trenches shall be compacted and brought to grade by the end of the working day, with a maximum of 50 feet of trench left open at the end of the working day.

Full compensation for pipe and manhole excavation, backfill, catch basin and storm drain riser, as specified under these Special Provisions shall be included in the contract price paid for various items and no additional compensation will be allowed therefor.

6.608 Excavation Safety Excavation safety shall conform to the provisions in Sections 5-1.02A and 7-1.01F of the Standard Specifications and these Construction Specifications.

In making excavations for the project, the Contractor shall be fully responsible for providing and installing adequate sheeting, shoring and bracing as may be necessary as a precaution against slides or cave-ins and to fully protect all existing improvements of any kind from damage.

The Contractor shall obtain a permit from the Division of Industrial Safety and shall submit a copy of approved permit to the Engineer prior to the start of excavation. The cost of the permit shall be included in the total bid cost. If the shoring and bracing plan varies from the shoring system standards established by the Construction Safety Orders, the plans shall be prepared by a registered civil or structural engineer.

The criteria given by the California Department of Industrial Relations are MINIMA for the conditions shown thereon. In addition to shoring the excavation as specified, it shall be the Contractor's responsibility to provide any and all additional shoring required to support the sides of the excavation against the effects of loads which may exceed those derived by using the criteria set forth by said governing agency. The Contractor shall be solely responsible for any damages that may result from Contractor's failure to provide adequate shoring to support the excavations under any or all of the conditions of loading which may exist or which may arise during the construction project.

The contract price paid per lump sum for excavation safety shall include full compensation for furnishing all labor, materials, permit and equipment, and for doing work involved as specified under these Special Provisions and no additional compensation will be allowed therefor.

6.609 Storm Drain Pipe Storm drain pipe shall be either concrete pipe or asbestos cement pipe.

Concrete pipe shall conform to the provisions in Section 65 of the Standard Specifications and these Special Provisions. The Contractor's attention is specifically directed to the following

sections of Section 65 of the Standard Specifications:

1. Section 65-1.03 Earthwork
2. Section 65-1.06 Joints
3. Section 65-1.06A Cement Mortar
4. Section 65-1.07 Laying Culvert Pipe

Concrete pipe installed under this contract shall conform to ASTM Specification C14, latest revision, Class 2, or ASTM Specification C-76, latest revision Class III, and shall have tongue and groove joints or rubber gasketed joints conforming to ASTM Specification 443, latest revision.

For mortared joints, a band of portland cement mortar shall be placed around the exterior of the pipe joint. The joint shall be properly wrapped with special canvas or cloth diapers to hold the mortar as it is placed, and immediately covered with moist backfill material.

Asbestos cement pipe shall conform to the provisions in Section 64 of the Standard Specifications and these Special Provisions. The Contractor's attention is specifically directed to the following sections of the Standard Specifications:

1. Section 64-1.04 Earthwork
2. Section 64-1.06 Laying Culvert Pipe

Asbestos cement pipe shall conform to ASTM Specifications, C663, Type II, latest revision, Class III. The asbestos cement pipe shall have either rubber gasket or plastic joints and shall conform to Section 64-1.03 of the Standard Specifications.

Tying pipe into manholes shall be made by carefully breaking an opening in the wall of the manhole and inserting the pipe so the end is flush with the inside wall. After insertion, the annular space shall be tightly packed with a "dry" cement mortar. Surfaces to be in contact with the mortar shall be thoroughly moistened and then scrubbed with portland cement paste. The mortar shall be troweled smooth and flush with the interior surface of the manhole.

The Contractor's attention is called to the fact that the existing storm drain lines will be carrying miscellaneous drainage. The necessary steps shall be taken to prevent flooding of the trench and/or excavations where ties into the system are made.

Payment for tying into the existing system, as shown on the plans, shall be included in the contract price per lineal foot of storm drain pipe.

The contract price paid per lineal foot for storm drain pipe shall include full compensation for furnishing all labor, materials, tools and equipment, excavation, backfill, tie-ins, trench pavement replacement, and for doing all work involved in installing the pipe

shown on the plans and as specified under these Special Provisions, and no additional compensation will be allowed therefor.

6.610 Miscellaneous Concrete Curb, gutter, sidewalk, wheelchair ramps and catch basins shall be constructed as shown on the plans and shall conform to the provisions in Section 73 of the Standard Specifications and these Special Provisions.

- (a) Compaction: Concrete subgrade shall be compacted to the depth and density shown on the plans. Areas disturbed by the Contractor or previously not under concrete shall be compacted to 90% minimum relative compaction, eight inches deep.

The area between the right-of-way line and the back of sidewalk shall be graded to $\frac{1}{4}$ -inch per foot and sufficient compaction effort and moisture shall be applied to this area to prevent settlement.

- (b) The curb, gutter, sidewalk and driveways shall be of monolithic construction. Construction joints shall be edged and shall conform to the proposed scoring pattern.

Expansion joint material shall be installed to the full depth of the concrete at locations shown on the plans and as designated by the Engineer.

After the back form has been removed, the void shall be backfilled to grade with clean native top soil.

- (c) Concrete: Portland cement concrete shall be Class "B" conforming to Sections 90 of the Standard Specifications.

All concrete used shall be mixed completely in a truck mixer, commonly known in the industry as "transit-mixed concrete."

- (d) Forms Forming requirements shall conform to the provisions in Section 73 of the Standard Specifications. If clean, neat lines can be cut, the Contractor may pour against undisturbed earth upon prior approval by the Engineer. If any sloughing or caving of material occurs, both front and back forms may be required.

Forms shall be true to lines and grades as shown on the plans.

Forms previously used shall be thoroughly cleaned before re-use. Before concrete is placed within any form, all inside surfaces of the forms shall be thoroughly coated with an approved oil.

All forms shall be free of any foreign material previous to placing concrete.

- (e) Concrete Placement: Concrete shall not be placed without approval of the Engineer. Placing concrete without notifying the Engineer may be reason for rejection of the work.

Prior to placing concrete, the subgrade and inside face of the forms shall be thoroughly wetted as the Engineer may direct.

Concrete shall not be deposited when it appears likely that the air temperature may fall below 40° F. during the placing of concrete or within the following 24 hours, unless special approval has been received from the Engineer prior to placing of concrete. Concrete which, in the opinion of the Engineer, has been damaged by freezing, shall be removed and replaced.

The Contractor shall install bench mark monuments as shown on the plans. The City of Lodi will furnish the bench mark monuments without cost to the Contractor.

- (f) Finishing: After steel troweling, the concrete surfaces shall be given a fine hair broom finish. Brooming on sidewalk shall be transverse to the length of curb.

All exposed concrete surfaces shall be finished unless otherwise directed by the Engineer.

Score marks and weakened plane joints shall be located as shown on the plans and directed by the Engineer.

- (g) Cure: Concrete cure shall be accomplished by either the water, pigmented curing compound or waterproof membrane method and shall conform to the provisions in Section 90-7 of the Standard Specifications. White pigmented curing compound shall not be used on exposed surfaces.

- (h) Tolerances: Dimensional tolerances for concrete work are listed below. Work done outside of these tolerances will be rejected by the Engineer.

Curb, gutter, sidewalk thickness: up to $\frac{1}{4}$ " below specified thickness.

Flow line: Puddles shall not exceed $\frac{1}{4}$ " in depth, 6 inches in width or 10 feet in length. Grinding in excess of $\frac{1}{4}$ " and the use of epoxy fillers are not acceptable.

Sidewalk crossfall: Total crossfall on 5-foot sidewalks shall be within $\frac{1}{4}$ " of design.

Catch basins: The opening shall be a full 8 inches across the face of the catch basin with the top properly aligned within 3 inches of the base.

- (i) Payment: Curb and gutter, sidewalk, and commercial driveways shall be paid for under the various contract items and shall include full compensation for furnishing all labor, materials, including the cast-iron frames and grates, tools and equipment, and for doing all work involved in their construction as shown on the plans and as specified under these Special Provisions, and no additional compensation will be allowed therefor.

6.611 Traffic Control: Traffic control shall conform to the applicable provisions in Section 7 of the Standard Specifications and particular attention is directed to Section 7-1.08 and 7-1.09, and to Section 5.407, "Public Convenience and Safety," of these Specifications.

The Contractor shall conduct his/her operation so as to offer the least possible obstruction and inconvenience to the public traffic, residents and property owners. Residents and property owners shall be provided with adequate access during all phases of the work.

Two-way traffic shall be maintained on Stockton Street, emergency access during workhours on other streets. At least one-way traffic shall be maintained on other streets at the end of each work day.

The Contractor shall be responsible for supplying, installing and maintaining such fences, barriers, lights, signs and flagmen as are necessary to give adequate warning to the public at all times that the road or street is under construction and of any dangerous conditions to be encountered as a result thereof.

All barricades to be used at night shall be reflectorized with "reflective sheeting." A minimum of 50 square inches of reflective sheeting shall be used on each side of the barricade. Reflective-type paint will not be acceptable.

All flag personnel shall wear brilliant fluorescent red or orange jackets while flagging traffic.

All construction signing shall conform to the "State of California Uniform Sign Chart" for shape and color. All traffic control equipments shall be removed when it is no longer required.

If it becomes necessary for the City of Lodi to install additional barricades within the construction area in order to provide adequate safety to the public, there will be a charge to the Contractor of \$5 per barricade per day.

When required by the Engineer, the Contractor shall submit to the City Engineer, along with the work progress schedule, a sketch showing the proposed signing and barricading to be used during the construction of this project. Upon request, the City will furnish a set of plans to the Contractor for this purpose.

The Contractor will be required to keep all residents notified of the work schedule as it affects their access.

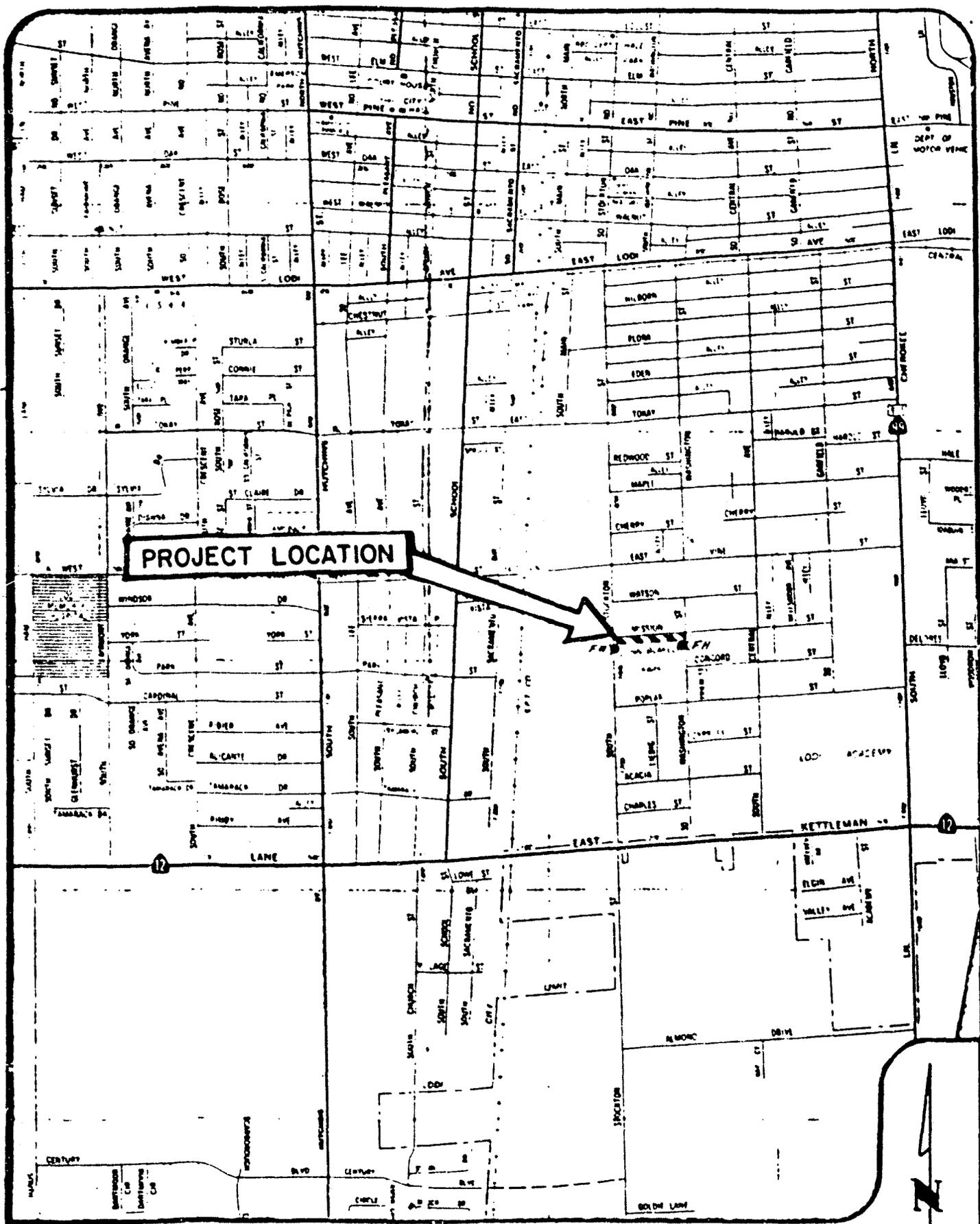
All existing warning, regulatory and information signs shall be maintained in a visible location during all phases of the construction by the Contractor.

Full compensation for traffic control shall be considered as included in the price paid for storm drain pipe and no additional compensation will be allowed therefor.

6.612 Finishing Roadway: Finishing roadway shall conform to the provisions in Section 22 of the Standard Specifications and these Special Provisions.

Upon completion of the work, and prior to requesting final inspection, the work area shall be thoroughly cleaned of all rubbish, construction forms, stakes, excess material and equipment, and all portions of the work shall be left in a neat and orderly condition. The final inspection will not be made until this has been accomplished.

Full compensation for finishing roadway shall be considered as included in the price paid for various contract items, and no additional compensation will be allowed therefor.



PROJECT LOCATION

VICINITY MAP

Scale: 1" = 1200'



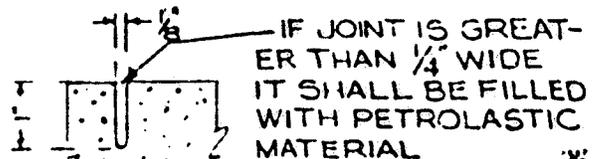
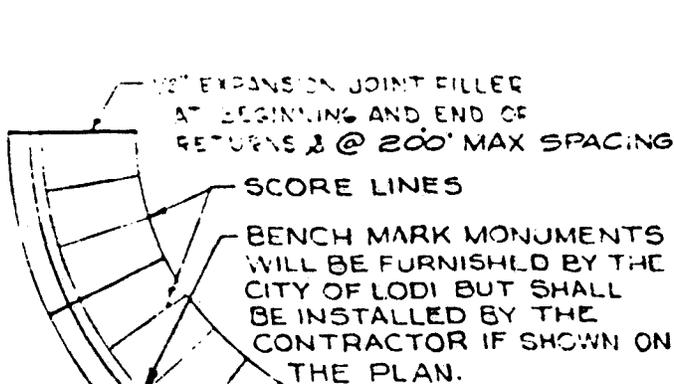
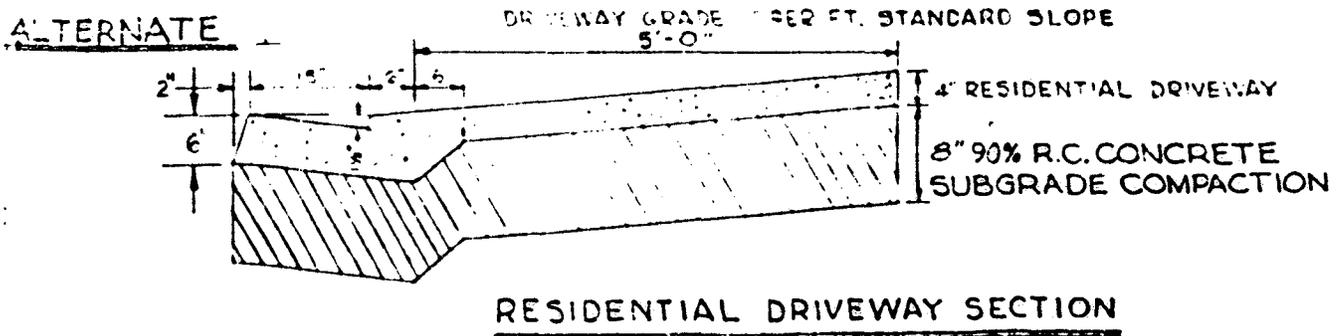
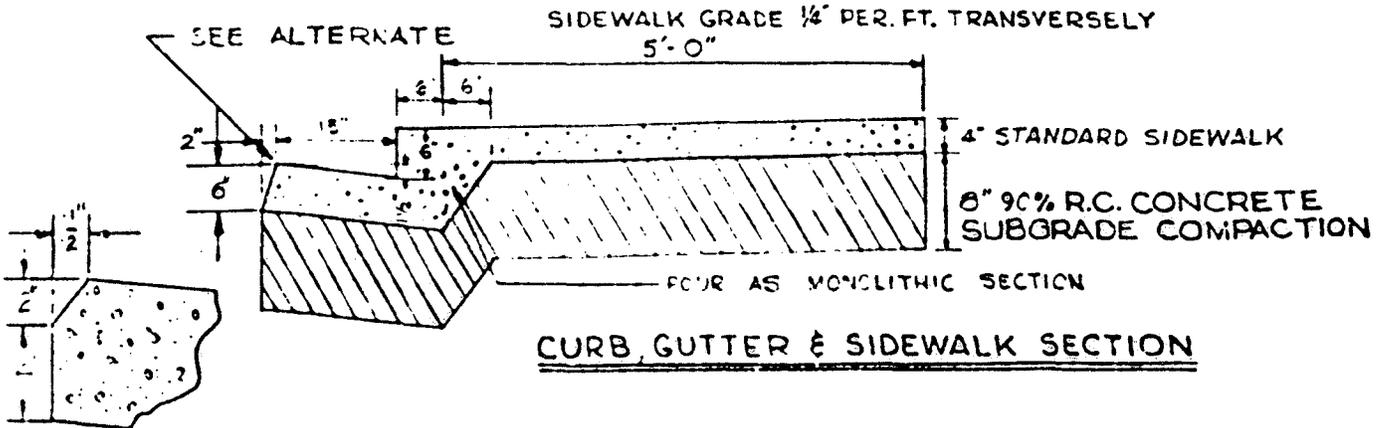


CITY OF LODI

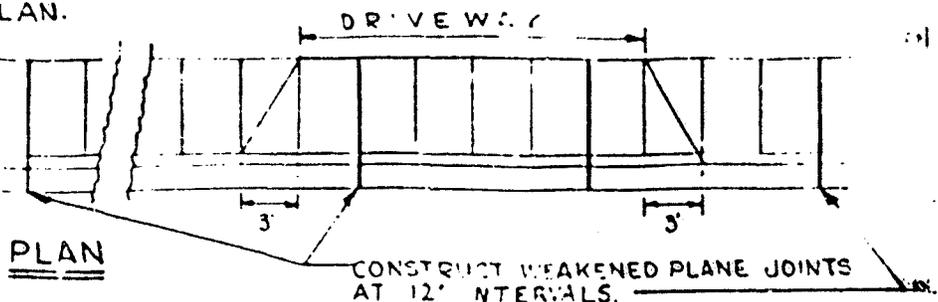
PUBLIC WORKS DEPARTMENT

SQUARE-TYPE CURB & GUTTER, SIDEWALK AND RESIDENTIAL DRIVEWAY

CONCRETE: Class B per Sec. 90 of Std Specs, 1 1/2" max aggregate
LIGHT BROOM FINISH, IMPERVIOUS MEMBRANE CURE



DETAIL
WEAKENED PLANE-JOINT



Drawn	MED	No	Revised	By	Approved By
Checked	JBG	1	11/79	JR	<i>John J. Louder</i> 6-1-75
Date	JULY 1975	2	5/79		Public Works Director R/C 17509

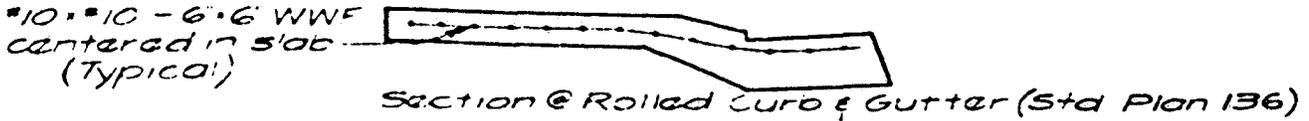
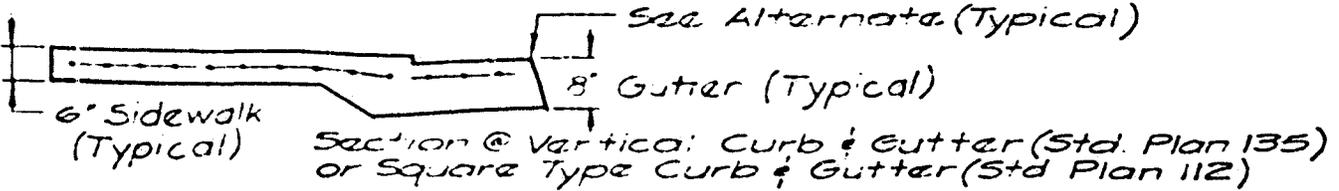
STD PLAN 112



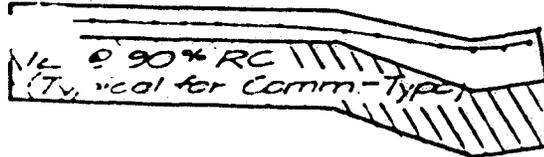
CITY OF LODI

PUBLIC WORKS DEPARTMENT

COMMERCIAL-TYPE GUTTER AND DRIVEWAY



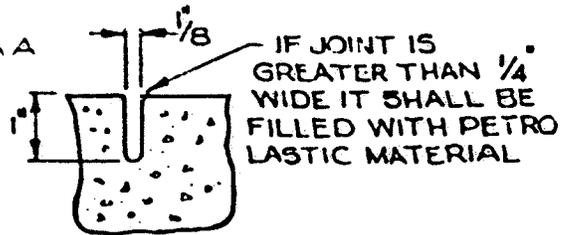
Concrete:
Class B concrete per Sec. 90 of Std Specs
1 1/2" max aggregate
Light Broom Finish
Impervious Membrane Cure



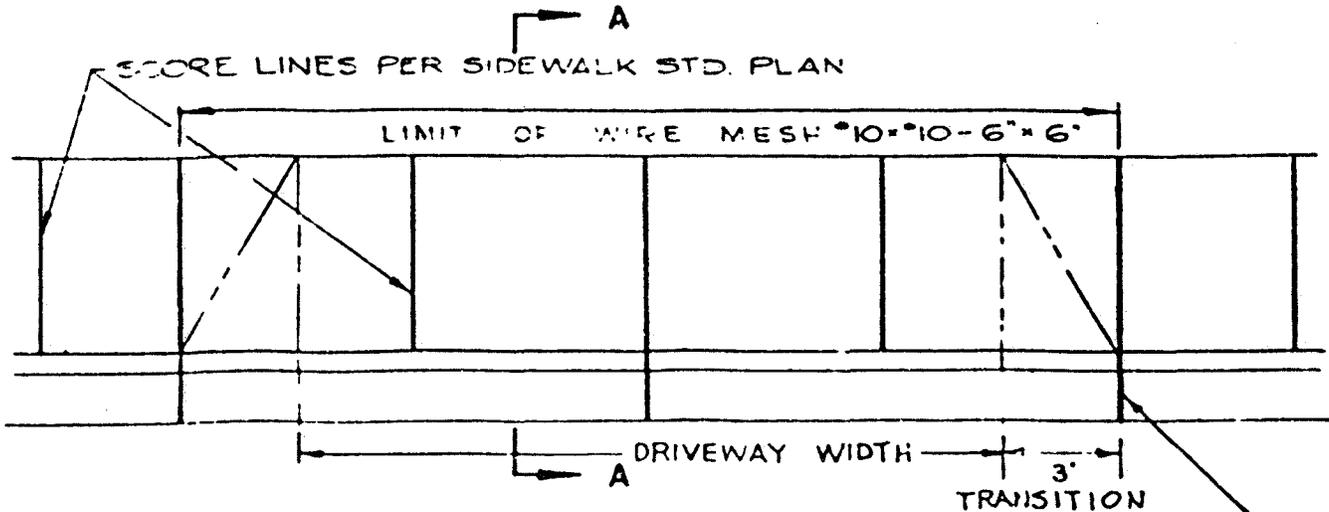
Notes:

1. For specific CG & SWK details see appropriate Std. Plan
2. #4 bars may be substituted for mesh if only c & g is installed.

SECTION AA



DETAIL WEAKENED PLANE JOINT



PLAN

CONSTRUCT WEAKENED PLANE JOINTS AT END OF TRANSITIONS AND CENTER OF DRIVEWAY

Drawn	MED	No.	Revised	By	Approved By
Checked	JBG	1	7-20	JEC	<i>John Louder</i> 6-1-75
Date	JULY 1975				Public Works Director RCE 17309

STD PLAN 114



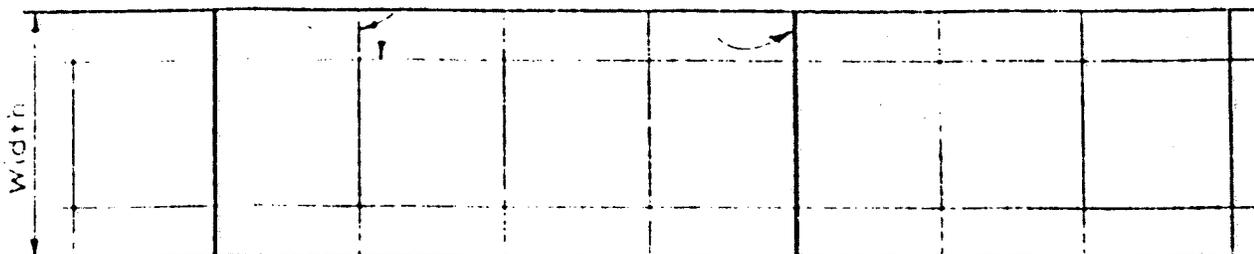
CITY OF LODI

PUBLIC WORKS DEPARTMENT

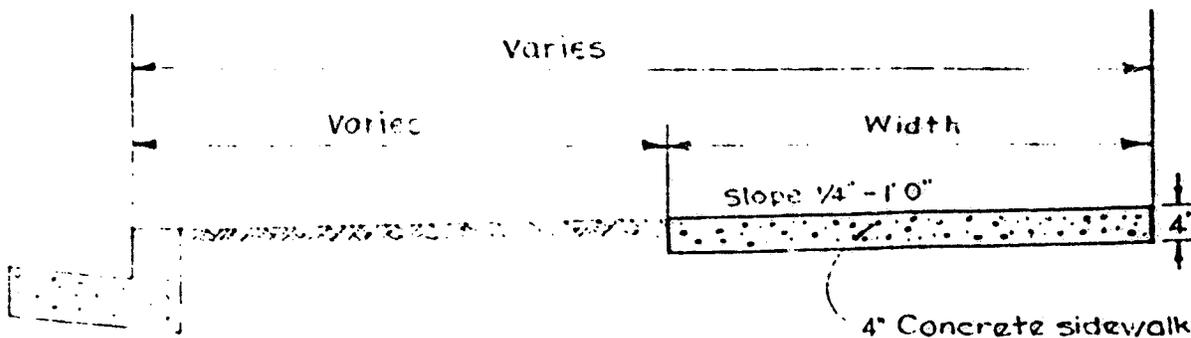
SIDEWALK REPAIR

1/4" Scoring in concrete

Construct weakened plane joints at 12 intervals.

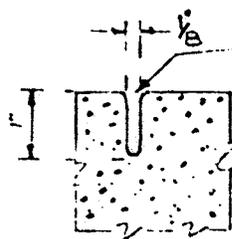


PLAN



SIDEWALK DETAIL

- NOTES
1. Match width and scoring pattern with adjacent existing sidewalk.
 2. Concrete shall be 2800 psi @ 28 days. Max. 4' slump.
 3. Construct sidewalk on firm stable subgrade.
 4. Light broom finish.
 5. Impervious membrane cure.



If joint is greater than 1/4" wide it shall be filled with petrolastic material

DETAIL
WEAKENED PLANE JOINT

Drawn	MED	No	Revised	By
Checked	JBG			
Date	JULY 1975			

Approved By
Richard Kowalski
Public Works Director
RCE 17809
9-1-75

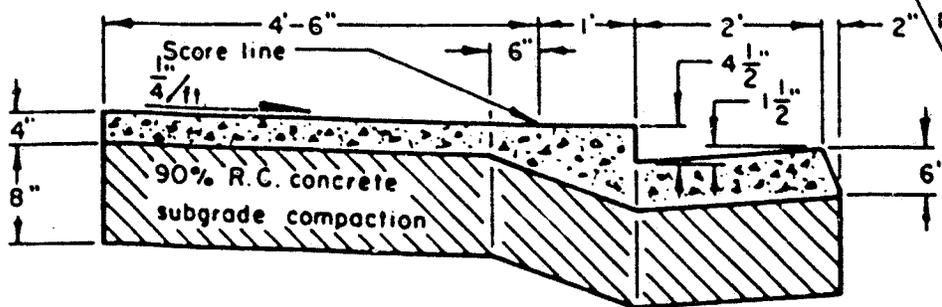
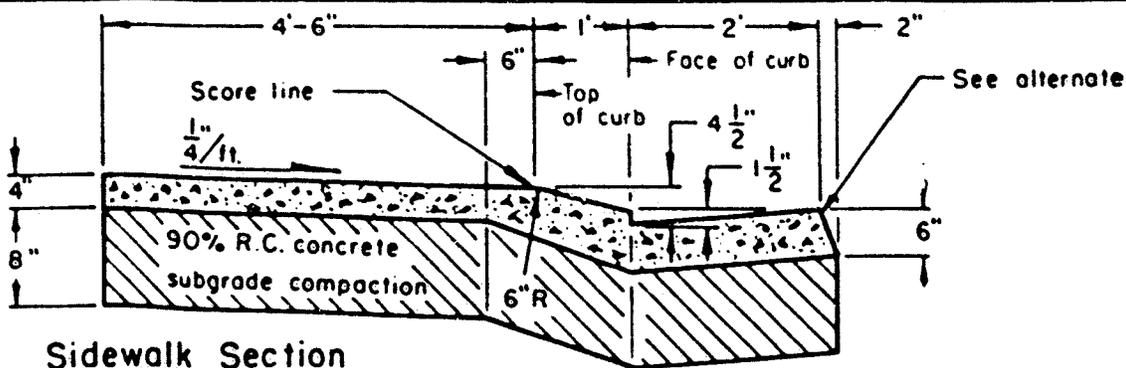
STD
PLAN 117



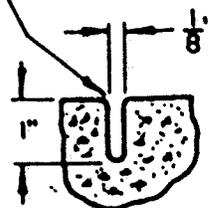
CITY OF LODI

PUBLIC WORKS DEPARTMENT

ROLLED CURB, GUTTER & SIDEWALK

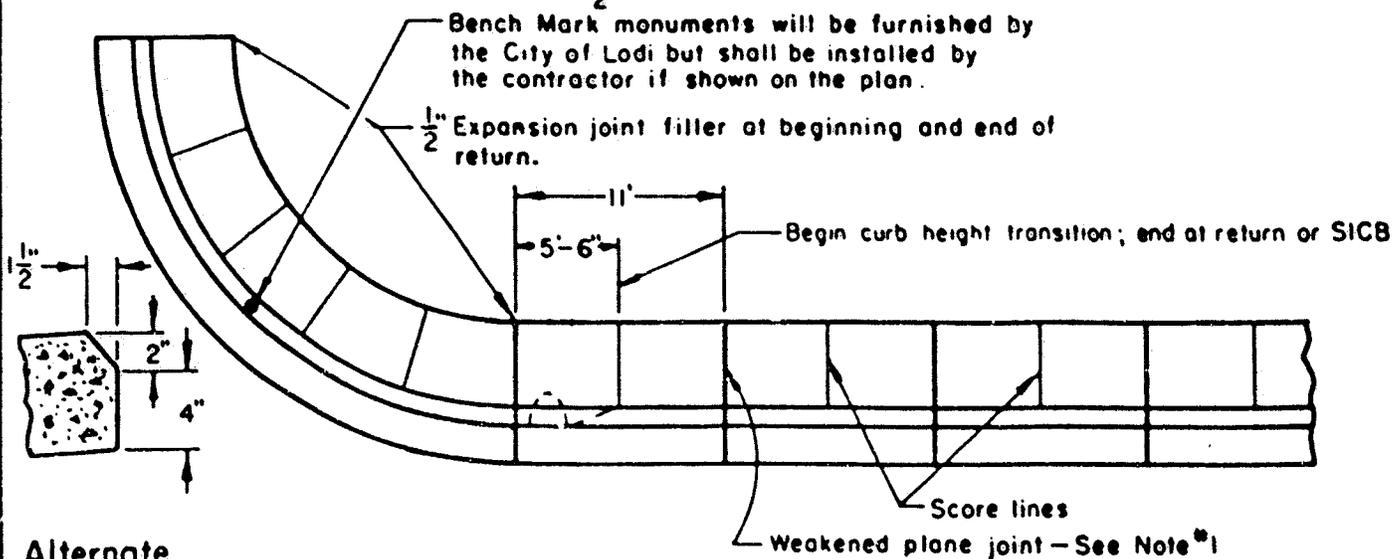


If joint is greater than 1/4" wide it shall be filled with petrolastic material.



Notes

1. Construct weakened plane joints at 11' interval to match score lines. **Weakened Plane Joint**
2. Use impervious membrane cure. Broom finish.
3. Class B concrete per Section 90 of Std. Spec., 1 1/2" max. aggregate.
4. Construct expansion joints at 200' max.
5. All exposed edges shall be rounded to 1/2" radius.



Alternate

Drawn	K.T.	No	Revised	By	Approved By
Checked	J.B.G.	1	11/79	J.R.	<i>Julie K. ...</i> 9-13-77
Date	AUG 1977				Public Works Director RCE 17509

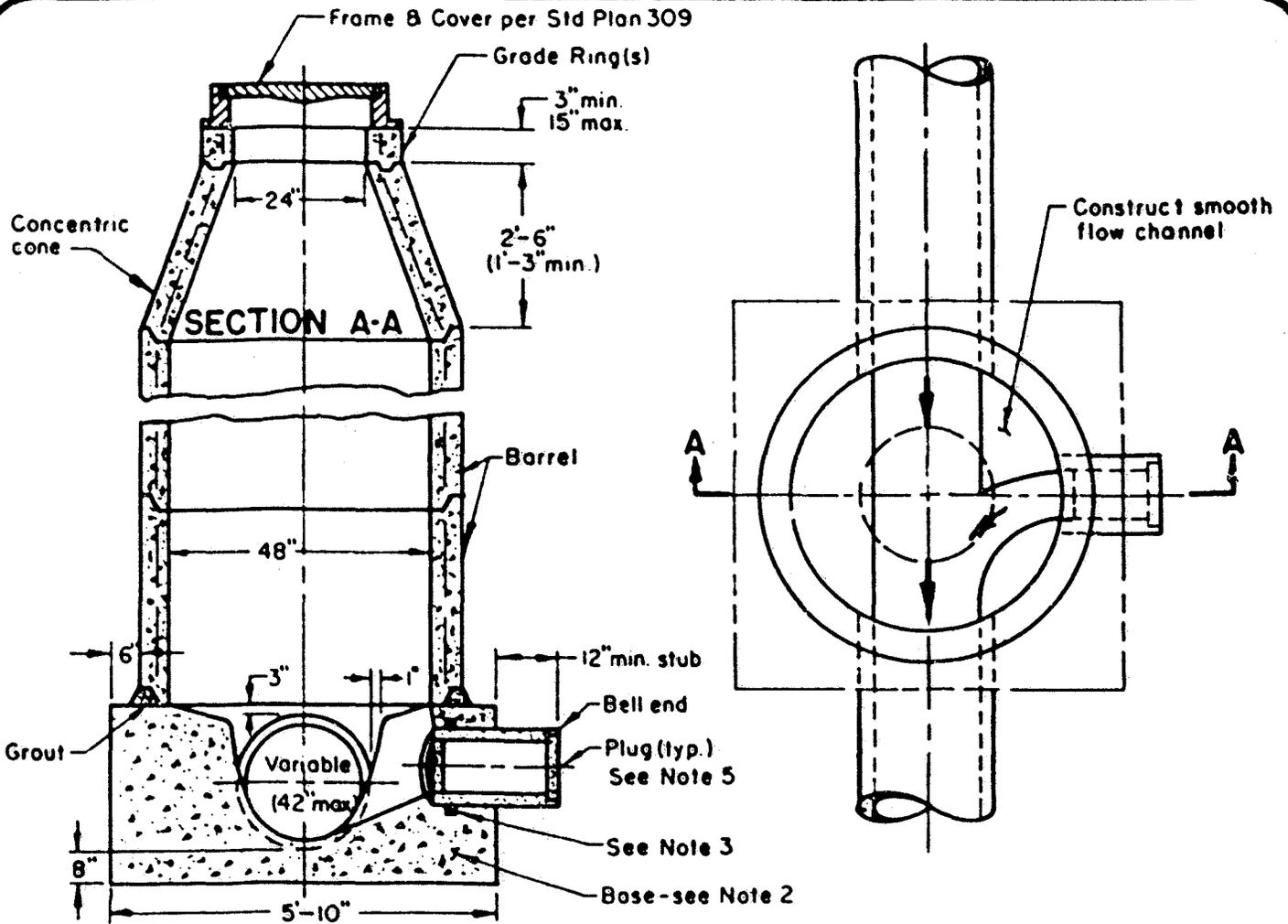
STD PLAN 136



CITY OF LODI

PUBLIC WORKS DEPARTMENT

48" MANHOLE



NOTES

1. Barrel, cone and grade ring sections shall conform to ASTM C478, latest revision. Manufacturer to be approved by the Engineer.
2. Base shall consist of cast-in-place Class B concrete per Sec. 90 Cal Trans Std Specification. Prefabricated bases shall conform to Note 1 and be placed on 4" of fresh concrete bedding.
3. Rubber ring waterstop or manhole adapter required for PVC pipe installations.
4. Plugs shall be compression type as approved by the Engineer.
5. See Std Plan 123 for frame adjustment to grade details.
6. Backfill around MH shall be compacted to 95% R.C. min.

Drawn	K.T.	No.	Date	Approved
Checked	ECJ			
Date	5-84			

Approved By
Richard Roush
 Public Works Director
 Date 5-6-84

STD
 PLAN 301

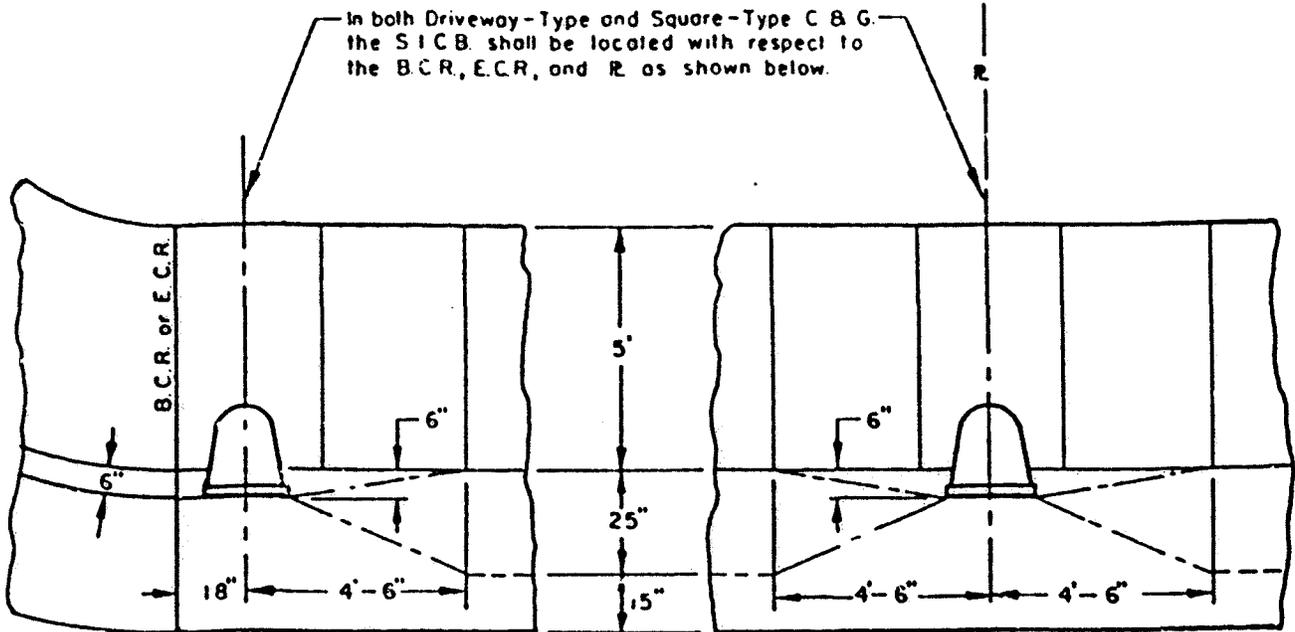


CITY OF LODI

PUBLIC WORKS DEPARTMENT

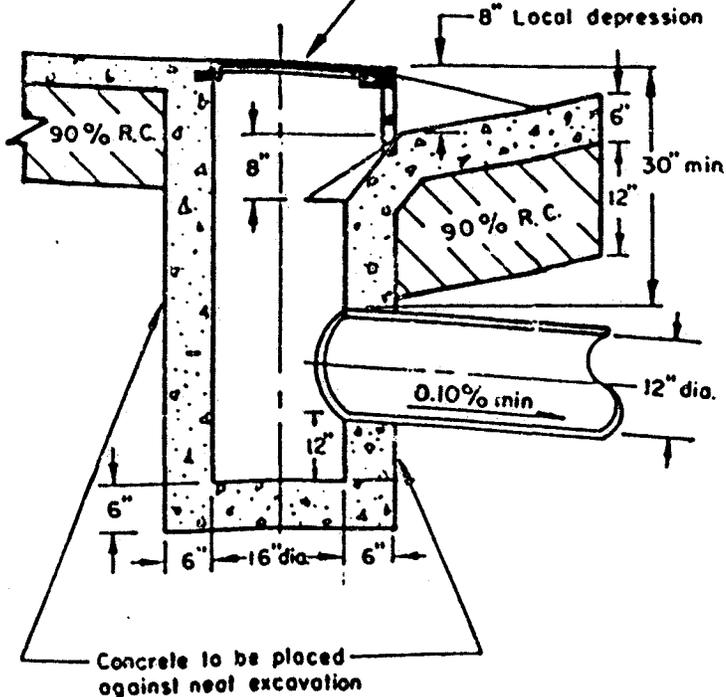
SIDE INLET CATCH BASIN

In both Driveway-Type and Square-Type C & G, the S I C B. shall be located with respect to the B.C.R., E.C.R., and R as shown below.



DRIVEWAY TYPE CURB & GUTTER

C 1. Nonskid cover, frame, and grate. City of Lodi Std. Plan No. 307 or equal



NOTES:

- The concrete shall conform to the following criteria.
 - 2500 P.S.I. at 28 days.
 - 1 1/2" maximum aggregate
 - 4" slump at placing site.
 - Light broom finish.
 - Impervious membrane cure.
- When catch basin is to be constructed with stub, the stub shall extend beyond the toe of the curb & gutter.

Drawn WO

Checked JSG

Date JULY 1976

No

Revised

By

Approved By

Public Works Director
RCE 17509

B-25-76

STD
PLAN

303

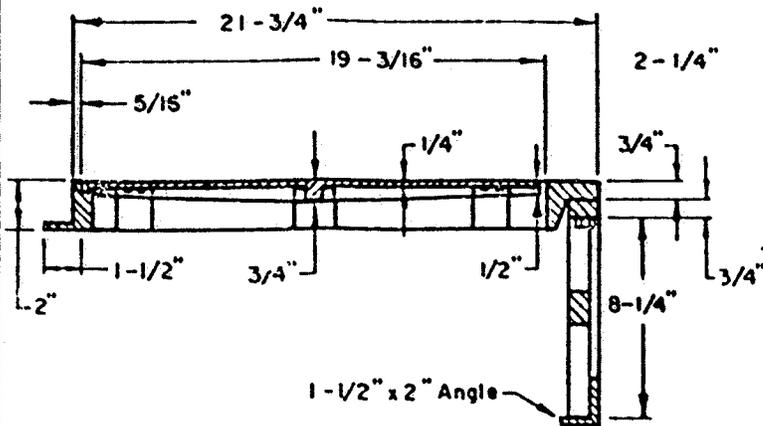
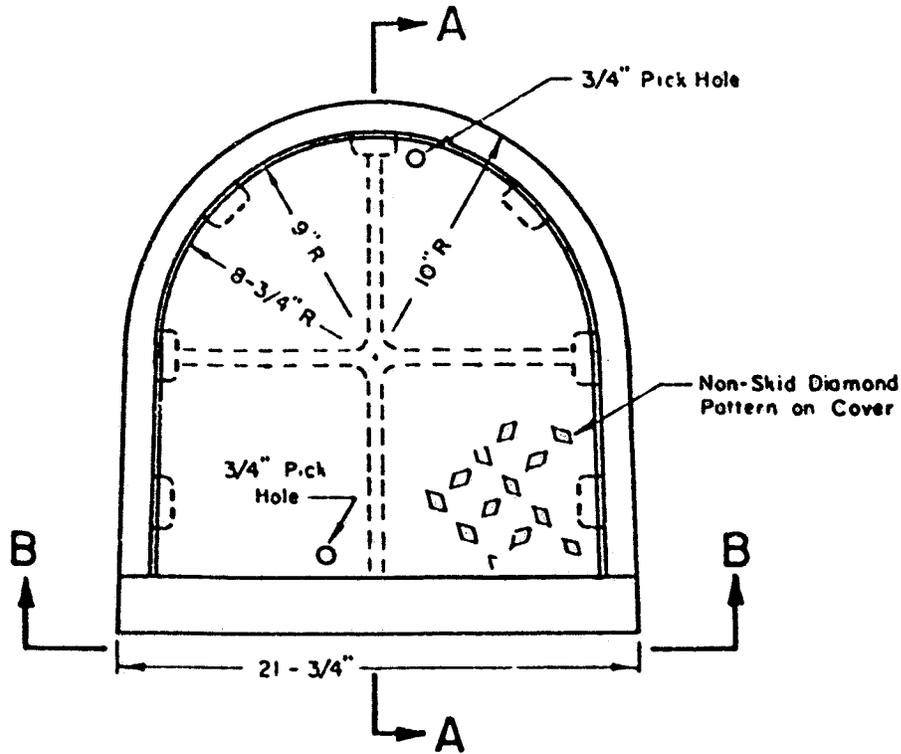


CITY OF LODI

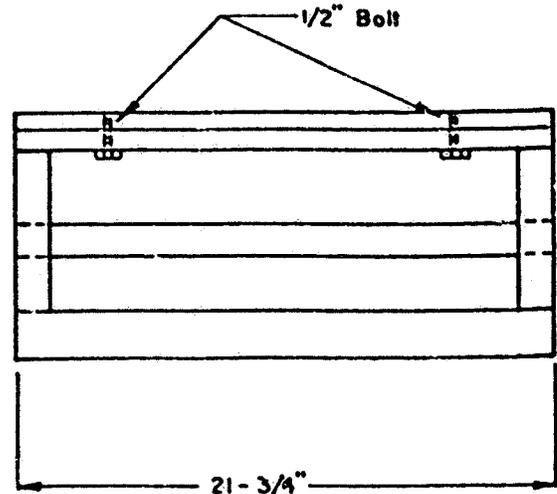
PUBLIC WORKS DEPARTMENT

SIDE INLET CATCH

BASIN ASSEMBLY



SECTION A-A



VIEW B-B

NOTES:

1. Frame — Approx. Wt. 35 Lbs.
2. Cover — Approx. Wt. 26 Lbs.
3. Grille — Approx. Wt. 15 Lbs.
4. Material — Cast Iron

Drawn	J.O.	No.	Revised	By	Approved By
Checked	J.L.R.				<i>Shelby F. Jones</i>
Date	MAY 1972				

Public Works Director
RCE 10720

STD
PLAN

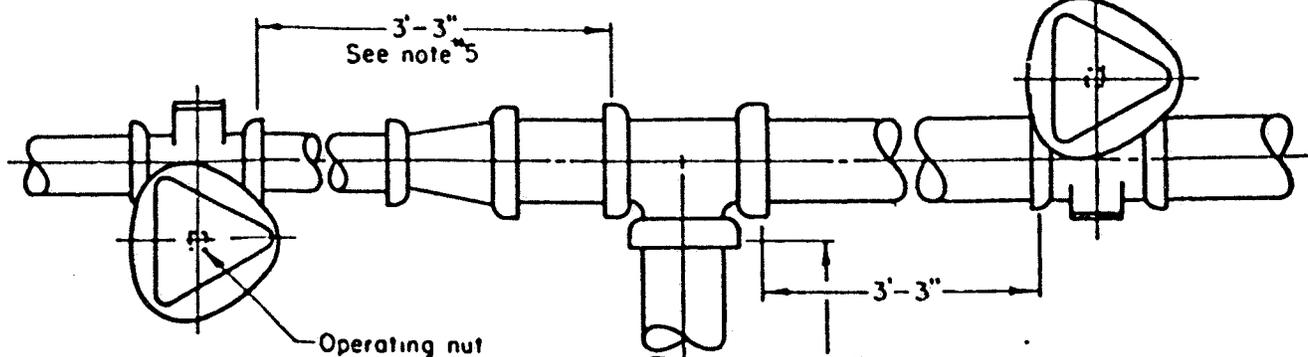
307



CITY OF LODI

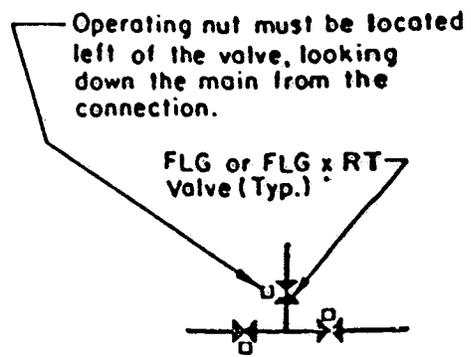
PUBLIC WORKS DEPARTMENT

WATER VALVE INSTALLATION



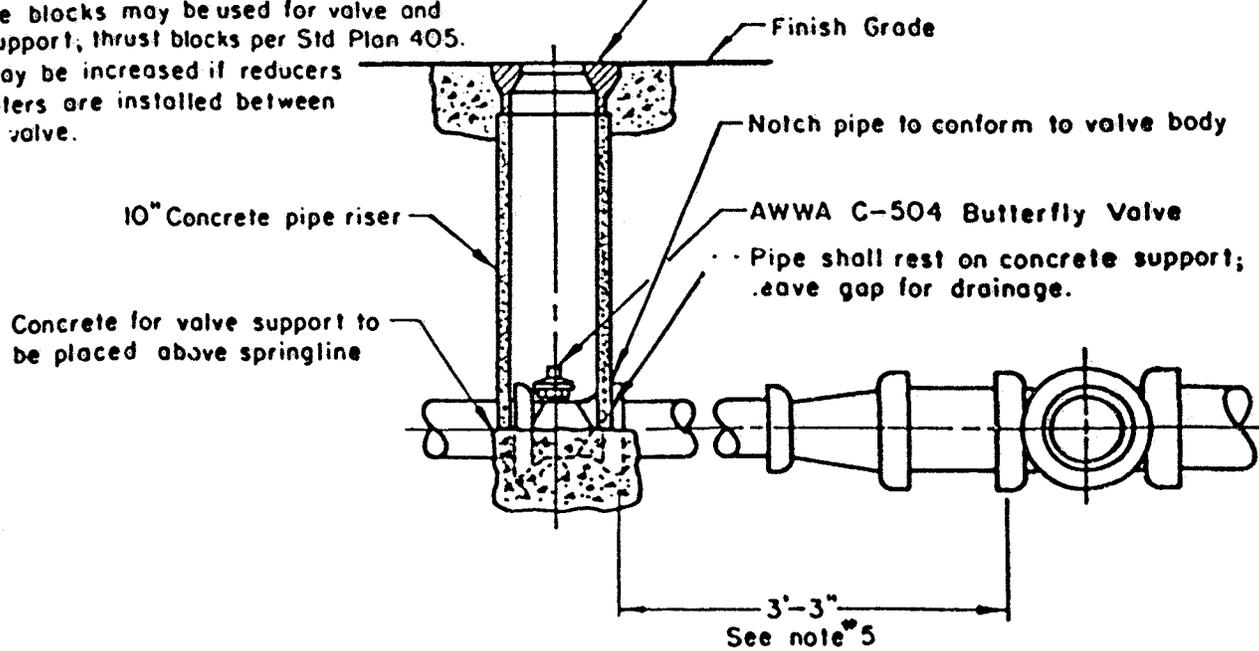
NOTES:

1. All water valves shall be class 150 B with 2 inch square operating nuts, open left (clockwise to close) and shall conform to AWWA standard C-504 for rubber seated butterfly valves.
2. Where the frame and cover is to be adjusted to grade it shall be done in conformance with Std. Plan 123, "Frame and Cover Adjustment".
3. All water valves shall be located 3'-3" from tee or cross fittings as shown, or flanged connections may be used. Flanged fittings shall be used where lines are to be extended at a later date or as shown on the improvement plans. Operating nuts on flanged valves must be arranged per Detail A.
4. Concrete blocks may be used for valve and riser support; thrust blocks per Std Plan 405.
5. 3'-3" may be increased if reducers or adapters are installed between tee and valve.



Flanged Installation-Detail A

Frame and Cover City of Lodi Std. Plan No. 408



Drawn	K.T.	No	Revised	By	Approved By
Checked	R.C.P.				<i>Jack J. Koubek</i> 10-31-79
Date	Oct. 1979				Public Works Director RCE-7509

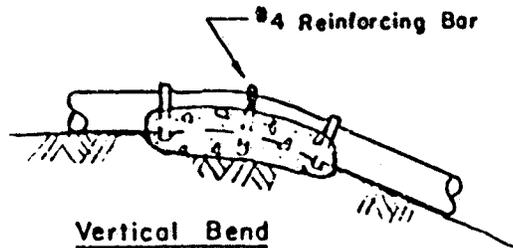
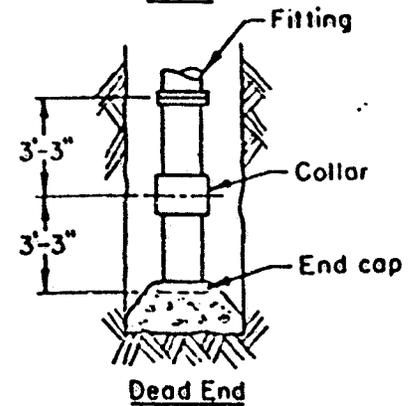
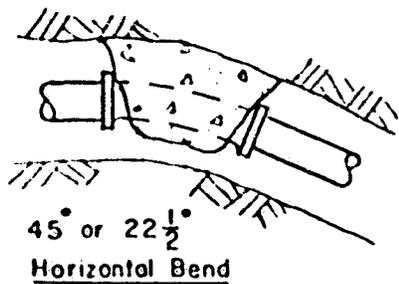
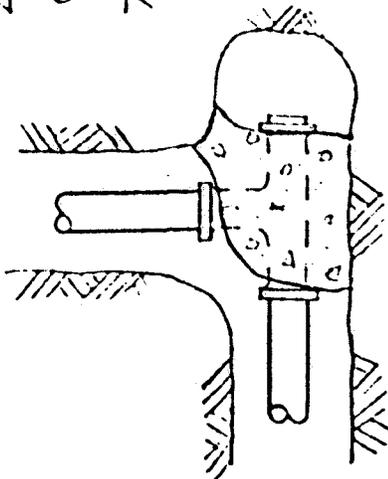
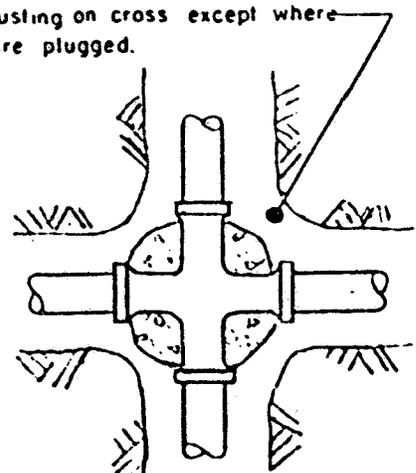
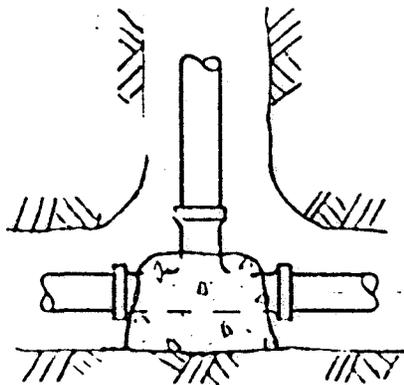
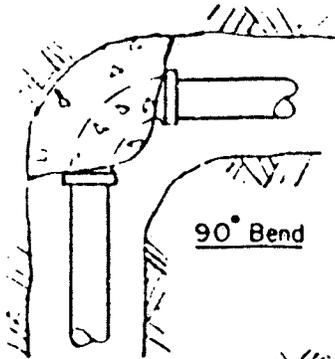
STD PLAN 402



CITY OF LODI

PUBLIC WORKS DEPARTMENT

THRUST BLOCK REQUIREMENTS



MINIMUM THRUST BLOCK BEARING AREAS IN SQUARE FEET				
Pipe Sizes	90°	45°	22½°	Tees & Deadends
6"	3	2	2	2
8"	4	3	2	3
10"	6	4	3	4
12"	8	5	3	6
14"	12	7	4	3

NOTES:

1. Concrete shall be 2000 PSI minimum at 28 days
2. Thrust blocks shall be placed against undisturbed earth.
3. All fittings shall be supported in concrete.
4. For fire hydrant thrusting see Std Plan 401.

Drawn JK

No

Revised

By

Approved By

Checked JBG

Date

JULY 1976

Public Works Director
ACE 17509

8-25-76

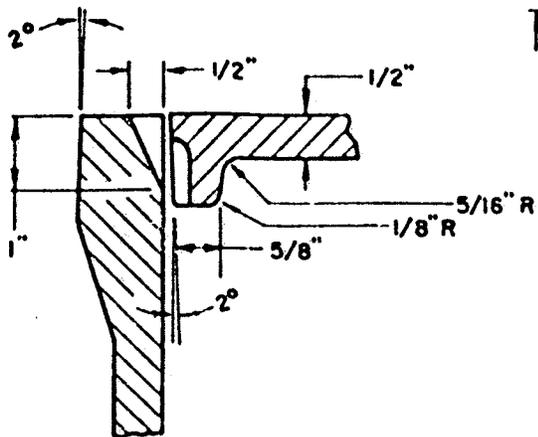
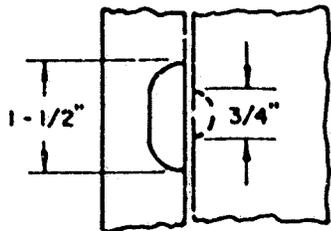
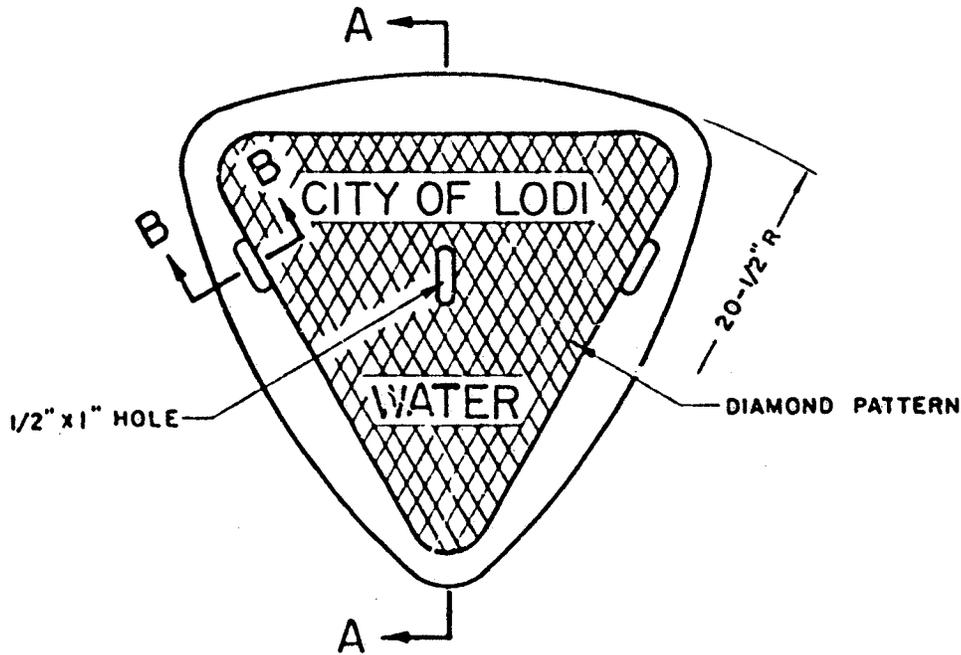
STD
PLAN 405



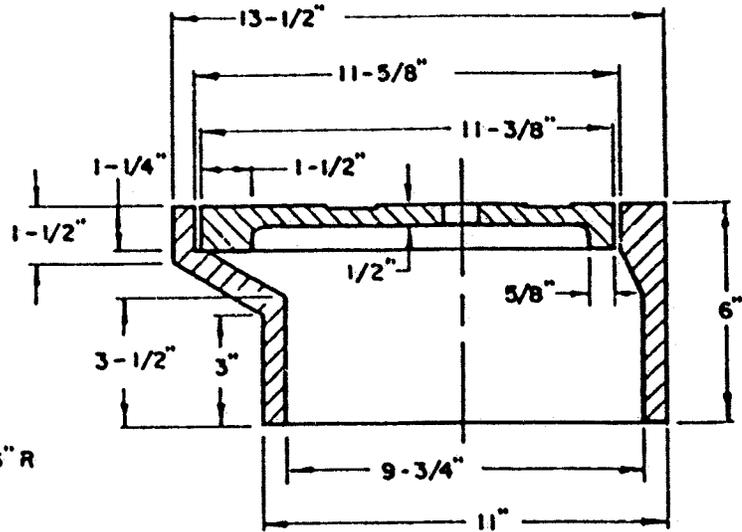
CITY OF LODI

PUBLIC WORKS DEPARTMENT

WATER VALVE COVER



SECTION B-B



SECTION A-A

NOTES:

1. FRAME - WT 50 LBS
2. COVER - WT 16 LBS
3. MATERIAL - CAST IRON

Drawn JO

No

Revised

By

Approved By

Checked J.B.G.

Shelby F. Jones

Date MAY 1972

Public Works Director
RCF 10720

STD
PLAN 408



CITY OF LODI

PUBLIC WORKS DEPARTMENT

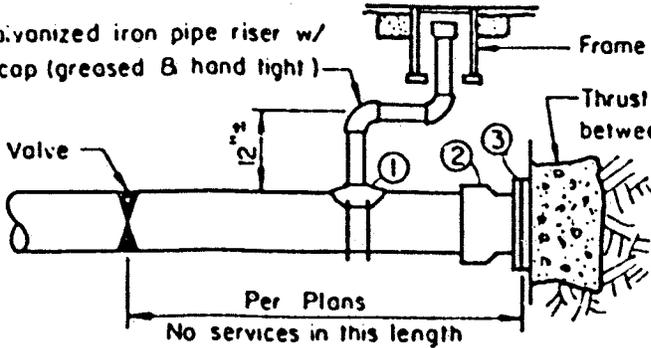
TEMPORARY WATER BLOW-OFF AND CONNECTION DETAILS

2" Galvanized iron pipe riser w/
end cap (greased & hand tight)

Frame & cover per Std Plan 408

Thrust block per Std Plan 405 w/ 1/4" plywood
between concrete and flange

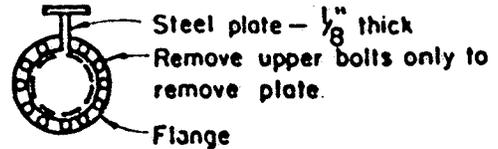
City Valve



Temporary Blow-Off

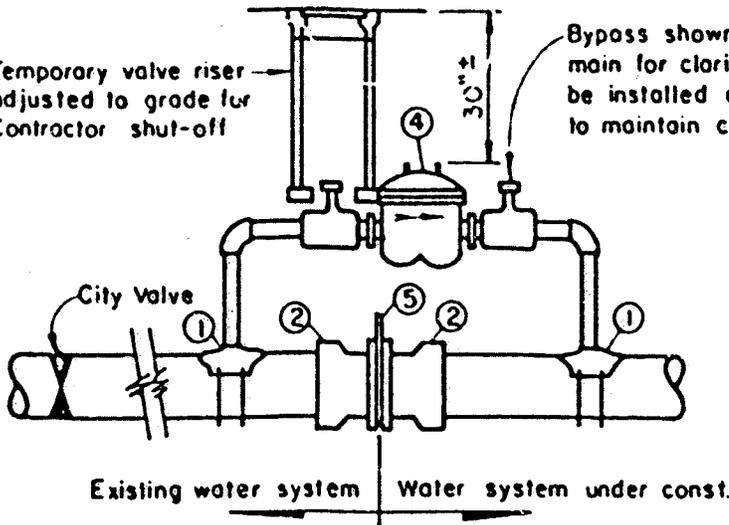
Fittings

- ① Double Strap Malleable Iron Saddle
- ② Adapter, RT/FLG
- ③ Blind Flange
- ④ Bypass Assembly: 2" Double Check Valve Assembly w/ H.D. Gate Valves
- ⑤ Removeable steel plate per detail:

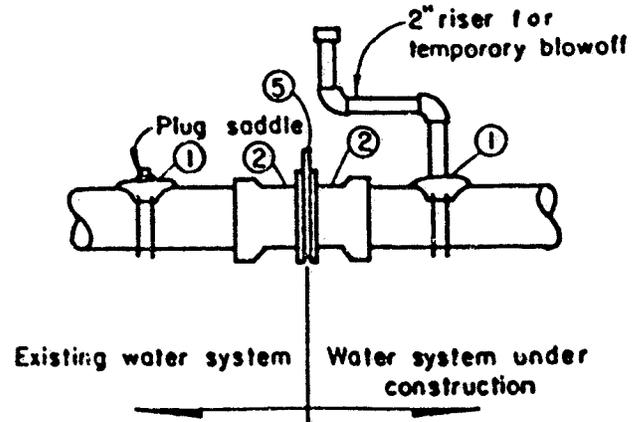


Temporary valve riser
adjusted to grade for
Contractor shut-off

Bypass shown above
main for clarity, may
be installed alongside
to maintain cover



Detail: A Temporary Connection
with bypass



Detail B: Temporary Connection
without bypass

Notes

1. The Contractor shall not operate any City valves. 24 hours notice is required for operation by City.
2. All connections to the existing system shall be made per Details A or B. Upon acceptance of the new system, the Contractor shall remove the 2" riser, plug the saddles and remove the steel plate.
3. The bypass shall be checked by the Engineer prior to backfilling.
4. Double check valve assemblies shall be: (or approved equal)

Rockwell Model 7II	Hersey Model No. I	Febco Model 805
Clayton Model D	Beeco Model VC	SMR Model D4C

Drawn	DM	No	Revised	By	Approved By
Checked	RCP				<i>John R. Kowalski</i>
Date	SEPT-79				Public Works Director RCE 17509

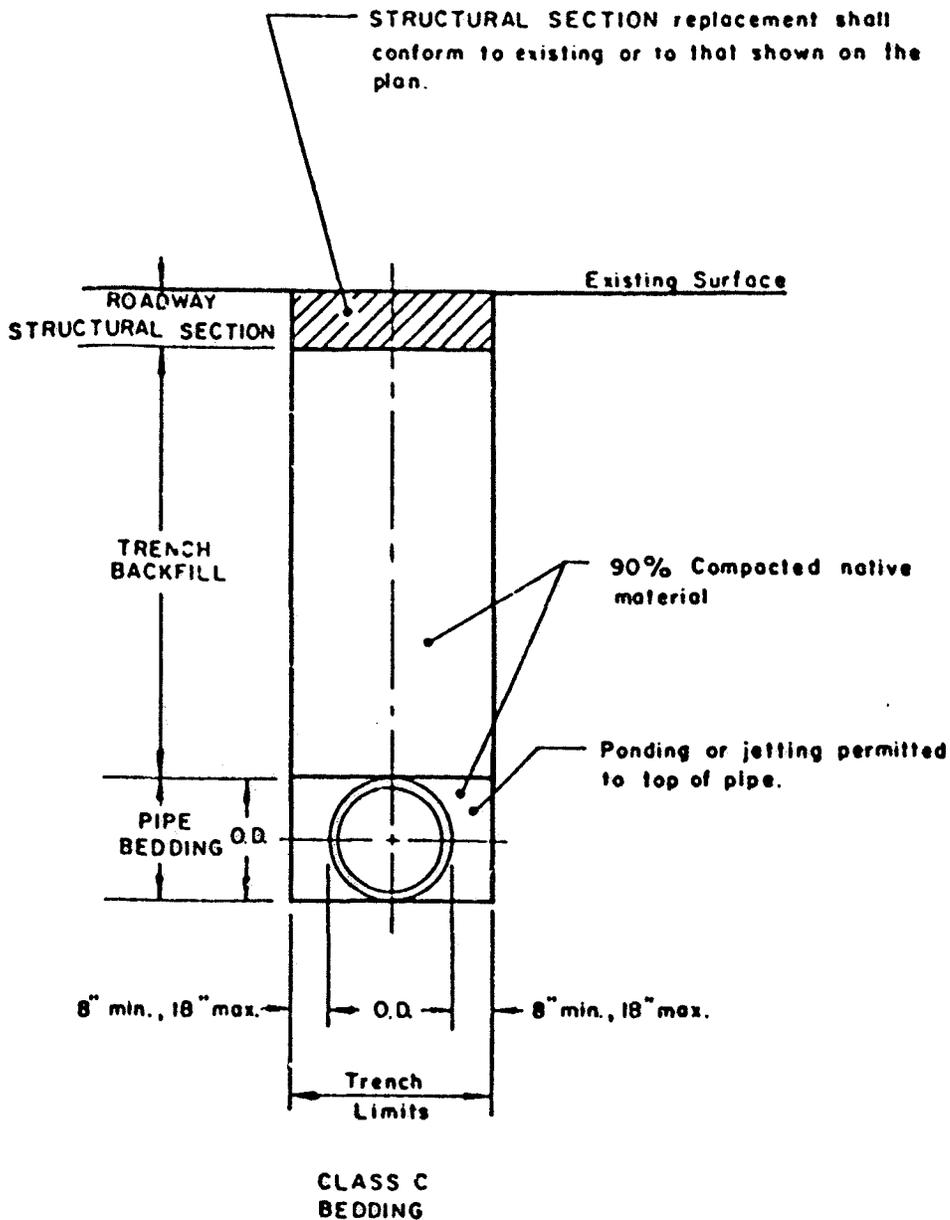
**STD
PLAN 409**



CITY OF LODI

PUBLIC WORKS DEPARTMENT

PIPE BEDDING AND BACKFILL REQUIREMENTS



NOTES:

1. Over excavated material shall be compacted to 95% RC.
2. Sawcut edges of trench a minimum of $\frac{1}{2}$ " deep unless otherwise noted on the plans.

Drawn	PF
Checked	JBG
Date	JUNE 1976

No	Revised	By
1	11-77	HR

Approved By,
Jack L. Louch 6-23-76
 Public Works Director
 RC# 17509

STD
PLAN

501



CITY OF LODI

PUBLIC WORKS DEPARTMENT

STANDARD ABBREVIATIONS

Aggregate base	AB	Lump sum	LS
Ahead	Ah	Manhole	MH
Approximately	Approx.	Maximum	Max.
Arc length	L	Minimum	Min.
Asbestos cement pipe	ACP	Miscellaneous	Misc.
Asphalt concrete	AC	North, South, East, West	N, S, E, W
Atmospheric vacuum breaker	AVB	Northerly, etc.	N'yly
Back	Bk.	Original ground	CG
Back of walk	BCW	Parking meter	PM
Begin curb return	BCR	Pavement	Pavt.
Begin curve	BC	Point of compound curve	POC
Begin vertical curve	BVC	Point of intersection	PI
Bench mark monument	BM	Point of reverse curve	PRC
Cast-in-place concrete pipe	CIPCP	Point on curve	POC
Cast iron pipe	CIP	Point on tangent	POT
Centerline	C	Power poles	PP
Centerline survey monument	C Mon.	Power (underground)	P
Center to Center	C-C	Property line	P/L
Central angle	Δ	Public utility easement	PUE
Central California Tracton	CCT	Pull box	PB
Class	Cl.	Radius	R
Commercial driveway	Comm. Dr.	Regulatory	reg.
Concrete	Conc.	Reinforce, (ed), (ing)	reinf.
Concrete pipe	CP	Reinforced concrete pipe	RCP
Construct	Const.	Relative compaction	RC
Construction joint	Const. Jt.	Remote control valve	RCV
Corrugated metal pipe	CMP	Residential driveway	Res. Dr.
Cubic yards	CY	Right of way	R/W
Curb, gutter & sidewalk	C, G & S	Sanitary sewer	SS
Diameter	Dia.	Sheet	Sht.
Distance	Dist.	Side inlet catch basin	SICB
Driveway	Dr.	Southern Pacific Railroad	SPRR
Driveway type	Dr. type	Specification	Spec.
Drop inlet catch basin	DICB	Sprinkler head	Sp.
Each	Ea.	Square feet	SF
Edge of pavement	EP	Square type	Sq. type
Elevation	Elev.	Standard	Std.
End curb return	ECR	Station	Sta.
End curve	EC	Storm Drain	SD
End vertical curve	EVC	Street light conduit	SL
Existing	Exist.	Subdivision	Subd.
Existing elevation	Ex. O.C.O	Tangent	T
Expansion joint	Exp. Jt.	Telephone (underground)	T
Finish grade	FG	Telephone Cable Marker	TCM
Fire hydrant	FH	Telephone pole	TP
Flowline	FL	Television (underground)	TV
Galvanized	galv.	Top of curb	TC
Gas valve	GV	Traffic signal conduit	TS
Grade Break	GB	Tree well	TW
Guy poles	GP	Typical	Typ.
High pressure gas	HPG	Vertical curve	VC
Horizontal	hor.	Vitrified clay pipe	VCP
Industrial waste	IW	Water	W
Inside diameter	ID	Water service box	WSB
Invert	Inv.	Water valve	WV
Joint use pole	JP	Weakened plane joint	WP Jt.
Lineal feet	LF	Woodbridge Irrigation Dist.	WID
Low pressure gas	LPG		

Drawn	KT
Checked	JBG
Date	JULY 1976

No	Revised	By

Approved By *Jack L. Bondler*
 Public Works Director
 REC 77509

STD PLAN 502
 B-25-76



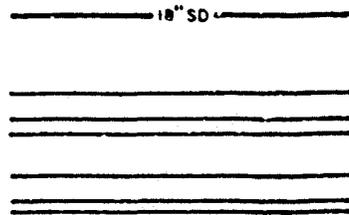
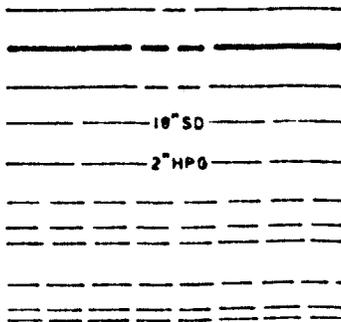
CITY OF LODI

PUBLIC WORKS DEPARTMENT

DRAFTING SYMBOLS

EXISTING

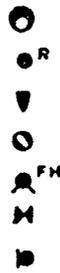
CONSTRUCT



- Centerline
- Right-of-way
- Property Line
- SD, SS, W or IW (noted)
- Other Underground Utilities (noted)

- Dr. Type C, G & S

- Sq. Type C, G & S



- Manhole
- Riser
- Side Inlet Catch Basin
- Drop Inlet Catch Basin
- Fire Hydrant
- Water Valve

- Blow-off

- Cross, Tee & Elbow

- Reducer & Bend

- Cap & Blind Flange

- Centerline Survey Monument

- City of Lodi Bench Mark

- Traffic Signal Head

- Pedestrian Head

- Electrolier (mast arm type)

- Electrolier (concrete standard)

- Utility Pole (type as noted)

- Guy Anchor

- Sign (type as noted)

- Street Name Sign

- Parking Meter

- Fence (type as noted)

- Deciduous & other Leafed Trees (diameter as noted)

- Palm Trees (diameter as noted)

- Pine, Fir or Cedar Trees (diameter as noted)

- Hedge or Bush

- Grape Vine (spacing as noted)

- Slope of Invert (% as noted)



- Blow-off

- Cross, Tee & Elbow

- Reducer & Bend

- Cap & Blind Flange

- Centerline Survey Monument

- City of Lodi Bench Mark

- Traffic Signal Head

- Pedestrian Head

- Electrolier (mast arm type)

- Electrolier (concrete standard)

- Utility Pole (type as noted)

- Guy Anchor

- Sign (type as noted)

- Street Name Sign

- Parking Meter

- Fence (type as noted)

- Deciduous & other Leafed Trees (diameter as noted)

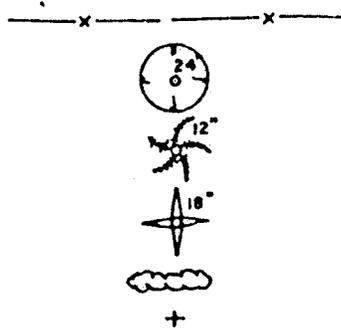
- Palm Trees (diameter as noted)

- Pine, Fir or Cedar Trees (diameter as noted)

- Hedge or Bush

- Grape Vine (spacing as noted)

- Slope of Invert (% as noted)



0.00%

Drawn	K.T.	No	Revised	By
Checked	J.B.G.			
Date	AUG 1976			

Approved By
Jack R. Kowalski
 Public Works Director
 REC 17509

STD
 PLAN 503
 B-25-76