

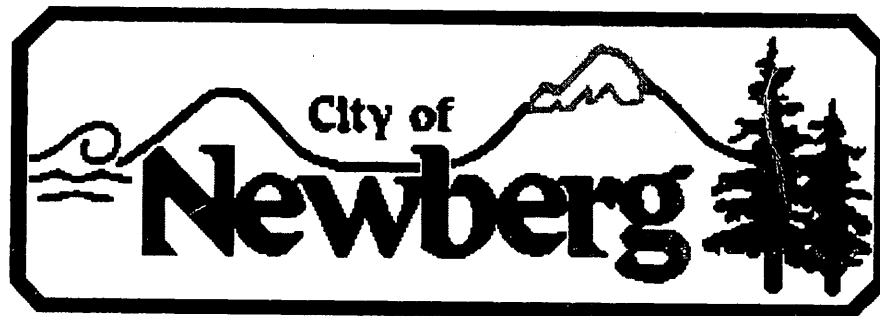
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CITY OF NEWBERG, OREGON

CITY OF NEWBERG
CITY RECORDER INDEX NO. 1683

COMMUNITY DEVELOPMENT DEPARTMENT

**WATER TREATMENT PLANT
POND LINING**



AUGUST 1999

ROBERT BIELMAN, AGENT 537-1211

**CITY OF NEWBERG
CONTRACT CHANGE ORDER NO. 1
October 20, 1999**

Project: Water Treatment Pond Lining # 7553
Contractor: TSR Corporation.

SUMMARY OF PROPOSED CHANGES:

1. **Work Involved:** Removal and replacement of the wood baffles in the pond.
This work was included in the original bid as "Additive alternate B".

2. **Cost Summary:**

Original Contract Amount:	\$56,659
Net Change by Previous Change Order:	\$ 0
Previous Total:	\$56,659
This Change Order:	\$ 9,000
New Contract Amount to Date:	\$65,659

3. **Contract Time:**

Completion date is hereby changed to read: 34 days after notice to proceed.

4. **Time Extension:**

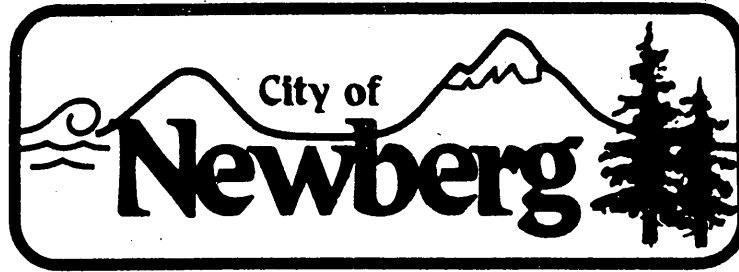
An additional 4 days will be required to complete this work.

All other provisions of the contract documents remain in full force.

ACCEPTANCE SIGNATURES:

Michael J. Davis TSR 10-20-99
Contractor Date
VP
Title

M. August 10-20-99
City of Newberg Date
COMMUNITY DEVT DIRECTOR
Title



City Manager
(503) 538-9421

City Attorney
(503) 537-1208

414 E. First St.
Newberg, Oregon 97132

City FAX
(503) 538-5393

Community Development Office

P.O. Box 970 • 719 E. FIRST STREET • NEWBERG, OR 97132 • (503) 537-1240 • FAX: (503) 537-1272

ADDENDUM NO. 1 WATER TREATMENT PLANT POND LINING August 31, 1999

This addendum forms a part of the Contract Documents. It modifies the original bidding documents.

1. Notice to Bidders

Insert into the bid documents the attached specification section 09905 painting.

Prequalification forms will be accepted until 5:00 p.m. Friday, September 10, 1999.

Bidders shall acknowledge on Proposal Page 2 of the Contract Documents that they have received this addendum by writing in addendum number and date received.

Robert Bielman, Agent
City of Newberg

K:\WPADMIN\MISC\TABBY\PROJECTS\wtp pond lining\addendum1.wpd

Building: 537-1240 • Community Development: 537-1210 • Finance: 537-1201 • Fire: 537-1230
Library: 538-7323 • Municipal Court: 537-1203 • Police: 538-8321 • Public Works: 537-1214 • Utilities: 537-1205
Municipal Court Fax: 537-1277 • Community Development Fax: 537-1272 • Library Fax: 538-9720

"Working Together For A Better Community-Serious About Service"

WATER TREATMENT PLANT POND LINING 09905 PAINTING

PART 1 GENERAL

1.01 DESCRIPTION of WORK

A. General

1. All exposed metal surfaces, wood planking and designated concrete surfaces shall be painted in accordance with the following instructions.
2. All paint materials shall be brought to the job site in the original sealed and labeled containers of the paint manufacturer. All coatings shall be mixed and applied in strict compliance with the paint manufacturer's printed instructions, which hereby become a part of these specifications. This includes the various kinds and amounts of thinning oils and primers to be used.
3. Painting shall be done after all erection is completed to leave an undamaged coating.
4. Dry film thickness shall be as specified and may be applied as recommended by the Manufacturer.

PART 2 PRODUCTS

2.01 PAINT SYSTEMS

- A. The following manufacturers are acceptable subject to compliance with these Contract Documents:
 1. Tenemec Coatings
 2. Valspar Coatings
- B. If there are any chemicals to be brought on-site that were not submitted at the Preconstruction Conference, supply a Material Safety Data Sheet to the Engineer for each product to be brought to the work site. Allow 5 working days for review and response. No material containing lead, chromium oxides, coal tar, zinc, cadmium, or other toxic materials will be allowed on City property. All coatings that emit sensitizers such as di-isocyanates shall be completely cured to prevent such emissions after delivery to City property or shall require wind direction monitoring to ensure that no exposure to City employees or Smurfit employees will occur.
- C. Items that are not prime coated will require a prime coat as recommended by the individual paint manufacturer.

D. Surface primer schedule

Surface

Primer

Ferrous Metal
(corrosive
environment)

As recommended by Manufacturer

Galvanized Metal

to match surrounding

Concrete

As recommended by paint supplier for particular
environment

E. Paint Schedule

Item

Paint System

Ferrous Metal
(corrosive environment)

Valspar Polyurethane
25 mils DFT

Galvanized Metal

To match surrounding

Wood

Valspar Polyurethane
25 mils DFT

Concrete

Valspar Polyurethane
30 mils DFT

All paint colors shall be selected by the Engineer.

PART 3 EXECUTION AND PAYMENT

3.01 PREPARATION OF SURFACES

- A. Preparation of all surfaces shall be as indicated in the Specifications, and as required by the paint manufacturer's standard specifications. No painting shall be done until the prepared surfaces are approved by the Engineer.
- B. All surfaces to be painted shall be properly prepared with the objective of obtaining a smooth, clean and dry surface. On all metal surfaces rust, dust, and scale, as well as all other loose or foreign substances, shall be removed by cleaning and wire brushing. Clean metal shall be primed or painted as specified immediately after cleaning to prevent rusting. Concrete surfaces to be painted shall be cleaned of all dust, form oil, curing compounds, and other foreign matter.
- C. Knots and pitch streaks shall be covered with orange shellac, aluminum paint or a resin sealer as approved.
- D. Nail holes and minor imperfections shall be filled with putty between first and second coats. Putty shall be colored to match stained work.

- E. Steel and iron shall have grease, rust, scale, and dirt removed. Any chipped or abraded places on material that has been shop coated shall be touched up. Where required, either on plans or by manufacturer, sandblasting shall conform to Steel Structures Painting Council Surface Preparation, "No. 10 (Near White Metal Blast Cleaning)".
- F. Galvanized metal and zinc-copper alloys to be painted shall be cleaned thoroughly with mineral spirits and wiped dry.

3.02 APPLICATION

- A. The painters shall apply each coating at the rate as specified for brush or roller application by the manufacturer.
- B. All drying times shall be construed to mean "under normal conditions". Where conditions are other than normal because of the weather or because painting must be done in confined spaces, longer drying time may be necessary. Additional coats of paint shall not be applied until the paint previously applied has thoroughly dried. All painting shall be in accordance with the directions of the manufacturer.
- C. Protect painted work from any dust or damage. Finished work shall be uniform, of approved color, smooth and free from runs, sags, etc. Make painted edges joining other colors sharp and clean without overlaps. Painters shall protect the work of all other trades, wipe off paint specks, use drop cloths wherever necessary, and the entire job shall be left in a clean and satisfactory condition.
- D. Spray painting may be done, with the permission of the Engineer, after proper protection of all other surfaces and equipment. Spray painting will not be allowed unless all O.S.H.A. rules are rigidly followed.
- E. Touch up all scarred and abraded places on shop primed work after cleaning. All interior and exterior caulking of the type which will hold paint shall be applied before the final coat of paint and shall be covered by a minimum of one coat of paint of the same color as adjoining surfaces.
- F. At completion, damaged or defaced finish shall be touched up, restored and left in first-class condition. Painted or finished surfaces damaged in fitting or erection shall be restored. If necessary, a whole wall shall be refinished rather than spot finishing where a portion of the finish has been damaged or is unsatisfactory.

3.03 PAYMENT

- A. Payment for work in this section will be included as part of the lump sum prices included in the Proposal.

<<< END OF SECTION >>>

OREGON PERFORMANCE AND PAYMENT BOND

KNOW ALL MEN BY THESE PRESENT, that

TSR Corporation

as CONTRACTOR (Principal), and Gulf Insurance Company a corporation, duly authorized to do a general surety business in the State of Oregon, as SURETY, are jointly and severally held and bound unto City of Newberg

the OWNER (Obligee) herein, in the sum of

Fifty-Six Thousand Six Hundred Fifty-Nine and No/100-----
DOLLARS (\$ 56,659.00)

for the payment of which we bind ourselves, our heirs, executors and administrators, successors and assigns, jointly and severally, firmly by these presents.

This bond is executed under the authority of ORS Chapter 279, of the State of Oregon, the provisions of which are hereby incorporated into this bond and made a part hereof.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT:

WHEREAS, TSR Corporation

the CONTRACTOR entered into a certain agreement with

City of Newberg

the OWNER for

Water Treatment Plant Pond Lining Project

IN WITNESS:

NOW, THEREFORE, if the CONTRACTOR, shall faithfully perform all the provisions of such Contract for the duration thereof, including the 1-year guarantee period, and promptly pay all laborers, mechanics, sub-contractors, materialmen, and all persons who shall supply such work and services, and save harmless the OWNER, its officers, agents, and employees from all claims therefore, or from any claim for damages or injury to property or persons arising by reason of the work; and shall in the time and manner, and under the terms and conditions prescribed, well and faithfully do, perform, and furnish all matters and things as by them in the Contract undertaken, and as by the law, local, State, and Federal, prescribed, then this obligation shall be void; otherwise it shall remain in full force and effect.

PROVIDED, HOWEVER:

In no event shall the SURETY be liable for a greater sum than the obligation of this bond.

The SURETY for the value received, hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the Contract, or to the work to be performed thereunder, or to the Specification accompanying the same, shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration, or addition to the terms of the Contract, or to the work, or to the Contract Documents.

Signed and Sealed this September 29, 1999.

TSR Corporation

CONTRACTOR

By: Rose Loomis

Gulf Insurance Company
SURETY

SKINNER BONDING
0123 S.W. Hamilton
Portland, Oregon 97201
Phone : (503) 226-6444
Fax : (503) 226-6534

By: Mary-Anne Skinner, Kristy Sheehan or
Krysta Burgas
Attorney-In-Fact

DUPLICATE ORIGINAL



**GULF INSURANCE COMPANY
ST. LOUIS, MISSOURI
POWER OF ATTORNEY**

ORIGINALS OF THIS POWER OF ATTORNEY ARE PRINTED ON BLUE SAFETY PAPER WITH TEAL INK. DUPLICATES SHALL HAVE THE SAME FORCE AND EFFECT AS AN ORIGINAL ONLY WHEN ISSUED IN CONJUNCTION WITH THE ORIGINAL.

KNOWN ALL MEN BY THESE PRESENTS: That the Gulf Insurance Company, a corporation duly organized under the laws of the State of Missouri, having its principal office in the city of Irving, Texas, pursuant to the following resolution, adopted by the Finance & Executive Committee of the Board of Directors of the said Company on the 10th day of August, 1993, to wit:

"RESOLVED, that the President, Executive Vice President or any Senior Vice President of the Company shall have authority to make, execute and deliver a Power of Attorney constituting as Attorney-in-Fact, such persons, firms, or corporations as may be selected from time to time; and any such Attorney-in-Fact may be removed and the authority granted him revoked by the President, or any Executive Vice President, or any Senior Vice President, or by the Board of Directors or by the Finance and Executive Committee of the Board of Directors.

RESOLVED, that nothing in this Power of Attorney shall be construed as a grant of authority to the attorney(s)-in-fact to sign, execute, acknowledge, deliver or otherwise issue a policy or policies of insurance on behalf of Gulf Insurance Company.

RESOLVED, that the signature of the President, Executive Vice President or any Senior Vice President, and the Seal of the Company may be affixed to any such Power of Attorney or any certificate relating thereto by facsimile, and any such powers so executed and certified by facsimile signature and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond and documents relating to such bonds to which they are attached."

Gulf Insurance Company does hereby make, constitute and appoint

BOND
NUMBER AE 6141061

PRINCIPAL: NAME, ADDRESS
CITY, STATE, ZIP

TSR CORPORATION
25635 GARDEN ACRES ROAD
SHERWOOD, OR 97140

EFFECTIVE DATE

SEPTEMBER 29, 1999

CONTRACT AMOUNT

\$56,659.00

BOND AMOUNT

\$56,659.00

~~~~~ Kristy Sheehan, Mary-Anne Skinner ~~~~~  
OF PORTLAND, OREGON

its true and lawful attorney(s)-in-fact, with full power and authority hereby conferred in its name, place and stead, to sign, execute, acknowledge and deliver in its behalf, as surety, any and all bonds and undertakings of suretyship, and to bind Gulf Insurance Company thereby as fully and to the same extent as if any bonds, undertakings and documents relating to such bonds and/or undertakings were signed by the duly authorized officer of the Gulf Insurance Company and all the acts of said attorney(s)-in-fact, pursuant to the authority herein given, are hereby ratified and confirmed.

The obligation of the Company shall not exceed one million (1,000,000) dollars.

IN WITNESS WHEREOF, the Gulf Insurance Company has caused these presents to be signed by any officer of the Company and its Corporate Seal to be hereto affixed.



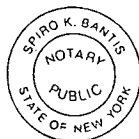
GULF INSURANCE COMPANY

*Christopher E. Watson*

Christopher E. Watson  
President

STATE OF NEW YORK )  
COUNTY OF KINGS ) SS

On the 1st day of June, 1996 A.D., before me came Christopher E. Watson, known to me personally who being by me duly sworn, did depose and say; that he resides in the County of Westchester, State of New York; that he is the President of the Gulf Insurance Company, the corporation described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instruments is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation and that he signed his name, thereto by like order.



*Spiro K. Bantis*

SPIRO K. BANTIS  
Notary Public, State of New York  
No. 24-4861345  
Qualified in Kings  
Commission Expires May 12, 2000

STATE OF NEW YORK )  
COUNTY OF NEW YORK ) SS

I, the undersigned, Executive Vice President of the Gulf Insurance Company, a Missouri Corporation, DO HEREBY CERTIFY that the foregoing and attached POWER OF ATTORNEY remains in full force.

Signed and Sealed at the City of New York.



Dated the 29TH day of SEPTEMBER 19 99

*Lawrence P. Minter*

Lawrence P. Minter

**ACORD™ CERTIFICATE OF LIABILITY INSURANCE**DATE (MM/DD/YY)  
10/14/1999

|                                                                                                              |                                                                                                                                                                                                                    |  |
|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>PRODUCER</b><br>K & J INSURANCE, INC.<br>POST OFFICE BOX 459<br>GLADSTONE, OREGON 97027<br>(503) 655-2501 | <b>THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.</b> |  |
|                                                                                                              | <b>INSURERS AFFORDING COVERAGE</b>                                                                                                                                                                                 |  |
| <b>INSURED</b><br>TSR CORPORATION<br><br>25635 GARDEN ACRES ROAD<br>SHERWOOD, OR 97140<br>503-682-7882       | INSURER A: VALLEY INSURANCE COMPANY                                                                                                                                                                                |  |
|                                                                                                              | INSURER B: FREMONT INSURANCE COMPANY                                                                                                                                                                               |  |
|                                                                                                              | INSURER C:                                                                                                                                                                                                         |  |
|                                                                                                              | INSURER D:                                                                                                                                                                                                         |  |
|                                                                                                              | INSURER E:                                                                                                                                                                                                         |  |

**COVERAGES**

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE                                                                                                                                                                                                                                       | POLICY NUMBER  | POLICY EFFECTIVE DATE (MM/DD/YY) | POLICY EXPIRATION DATE (MM/DD/YY) | LIMITS                              |              |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------|-----------------------------------|-------------------------------------|--------------|
| A        | <b>GENERAL LIABILITY</b><br><input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY<br><input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR                                                                          | 4301-CP-000288 | 11/17/98                         | 11/17/99                          | EACH OCCURRENCE                     | \$ 1,000,000 |
|          | FIRE DAMAGE (Any one fire)                                                                                                                                                                                                                              |                |                                  |                                   | \$ 50,000                           |              |
|          | MED EXP (Any one person)                                                                                                                                                                                                                                |                |                                  |                                   | \$ 5,000                            |              |
|          | PERSONAL & ADV INJURY                                                                                                                                                                                                                                   |                |                                  |                                   | \$ 1,000,000                        |              |
|          | GENERAL AGGREGATE                                                                                                                                                                                                                                       |                |                                  |                                   | \$ 2,000,000                        |              |
|          | PRODUCTS - COMP/OP AGG                                                                                                                                                                                                                                  |                |                                  |                                   | \$ 1,000,000                        |              |
|          | GEN'L AGGREGATE LIMIT APPLIES PER:<br><input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC                                                                                                                    |                |                                  |                                   |                                     |              |
|          |                                                                                                                                                                                                                                                         |                |                                  |                                   |                                     |              |
| A        | <b>AUTOMOBILE LIABILITY</b><br><input checked="" type="checkbox"/> ANY AUTO<br><input type="checkbox"/> ALL OWNED AUTOS<br><input type="checkbox"/> SCHEDULED AUTOS<br><input type="checkbox"/> HIRED AUTOS<br><input type="checkbox"/> NON-OWNED AUTOS | 4301-CP-000288 | 11/17/98                         | 11/17/99                          | COMBINED SINGLE LIMIT (Ea accident) | \$ 1,000,000 |
|          | BODILY INJURY (Per person)                                                                                                                                                                                                                              |                |                                  |                                   | \$                                  |              |
|          | BODILY INJURY (Per accident)                                                                                                                                                                                                                            |                |                                  |                                   | \$                                  |              |
|          | PROPERTY DAMAGE (Per accident)                                                                                                                                                                                                                          |                |                                  |                                   | \$                                  |              |
|          |                                                                                                                                                                                                                                                         |                |                                  |                                   |                                     |              |
|          | <b>GARAGE LIABILITY</b><br><input type="checkbox"/> ANY AUTO                                                                                                                                                                                            |                |                                  |                                   | AUTO ONLY - EA ACCIDENT             | \$           |
|          | OTHER THAN AUTO ONLY: EA ACC                                                                                                                                                                                                                            |                |                                  |                                   | \$                                  |              |
|          | AGG                                                                                                                                                                                                                                                     |                |                                  |                                   | \$                                  |              |
|          | <b>EXCESS LIABILITY</b><br><input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE<br><br><input type="checkbox"/> DEDUCTIBLE<br><input type="checkbox"/> RETENTION \$                                                                      |                |                                  |                                   | EACH OCCURRENCE                     | \$           |
|          | AGGREGATE                                                                                                                                                                                                                                               |                |                                  |                                   | \$                                  |              |
|          |                                                                                                                                                                                                                                                         |                |                                  |                                   | \$                                  |              |
|          |                                                                                                                                                                                                                                                         |                |                                  |                                   | \$                                  |              |
|          |                                                                                                                                                                                                                                                         |                |                                  |                                   | \$                                  |              |
| B        | <b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b>                                                                                                                                                                                                    | W 004044       | 01/22/99                         | 01/22/00                          | WC STATUTORY LIMITS                 | OTH-ER       |
|          | E.L. EACH ACCIDENT                                                                                                                                                                                                                                      |                |                                  |                                   | \$ 100,000                          |              |
|          | E.L. DISEASE - EA EMPLOYEE                                                                                                                                                                                                                              |                |                                  |                                   | \$ 100,000                          |              |
|          | E.L. DISEASE - POLICY LIMIT                                                                                                                                                                                                                             |                |                                  |                                   | \$ 500,000                          |              |
|          | <b>OTHER</b>                                                                                                                                                                                                                                            |                |                                  |                                   |                                     |              |

**DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS**

CITY OF NEWBERG IS LISTED AS ADDITIONAL INSURED

|                                                          |                                                                                |                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CERTIFICATE HOLDER</b>                                | <input checked="" type="checkbox"/> <b>ADDITIONAL INSURED; INSURER LETTER:</b> | <b>CANCELLATION</b>                                                                                                                                                                                                                                                                                                                        |
| CITY OF NEWBERG<br>414 E. FIRST ST.<br>NEWBERG, OR 97132 |                                                                                | SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL <u>30</u> DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES. |
|                                                          |                                                                                | AUTHORIZED REPRESENTATIVE<br><b>GERALD R. ROTHENFLUCH</b> <i>Gerald R. Rothenfluch</i>                                                                                                                                                                                                                                                     |

## **IMPORTANT**

If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

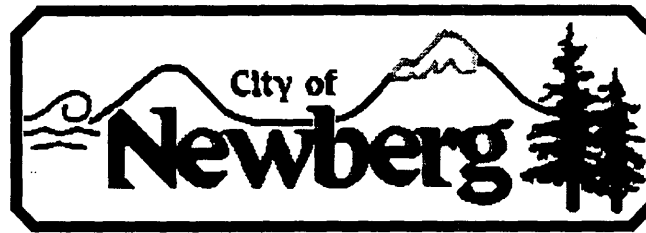
If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

## **DISCLAIMER**

The Certificate of Insurance on the reverse side of this form does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.

City Manager  
(503) 538-9421

City Attorney  
(503) 537-1208



414 E. First St.  
Newberg, Oregon 97132

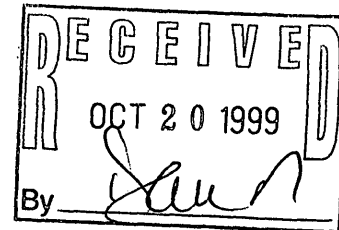
City Fax  
(503) 538-5393

## Community Development Office

P.O. Box 970 • 719 E. FIRST STREET • NEWBERG, OR 97132 • (503) 537-1240 • FAX: (503) 537-1272

October 20, 1999

TSR Corporation  
26535 Garden Acres Rd.  
Sherwood, OR. 97140  
Attn: Rose Loomis



Subject: Water Treatment Plant Pond Lining project

The contract documents for the construction of the above-named project have been approved.

You are hereby directed to commence work no later than 8:01 A.M. on October 22, 1999 and to complete this work within 30 calendar days as specified in the contract documents.

The contract documents provide for \$200 per day as liquidated damages for each day the work is incomplete in excess of the contract term.

Please sign, date and return this notice. You should keep a copy for your files.

All questions concerning this project should be directed to Bob Bielman at 503-537-1211.

Sincerely,

Robert A. Bielman

cc:

Bryson Twidwell Jr.(DEQ)  
Michael Soderquist (CDD)  
Alan Lee  
Dan Wilson

I,   
representing

TSR Corporation

Received Notice to Proceed

On this date 10/20/99



**CITY OF NEWBERG**  
**WATER TREATMENT PLANT POND LINING**

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NOTE: ALL DRAWINGS TAKEN FROM 1970 CONSTRUCTION PLANS

A vertical dashed line consisting of 20 short, thick black horizontal bars spaced evenly along the left edge of the page.

## **NOTICE TO BIDDERS**

## WATER TREATMENT PLANT POND LINING

### NOTICE TO BIDDERS

The City of Newberg Community Development Department, requests proposals for the **Water Treatment Plant Pond Lining Project**. Sealed bids will be accepted until 2:00 local time on Thursday, 9<sup>th</sup> day of September, 1999. Address bids to Robert Bielman, City Agent, Community Development Department Office, 719 E. First St. Newberg, Oregon 97132, at which time and place all bids will be opened and publicly read aloud.

#### PREQUALIFICATION

Prequalification of bidders will be required for this project in accordance with ORS Chapter 279.047. Documentation of State approval must be submitted to the City Of Newberg at least seven (7) days prior to the bid opening date.

#### ACCEPTANCE OF BIDS

Any determinations of the lowest responsible bidder and award are subject to review and determination by the City Attorney as to legal sufficiency of any bid submitted. The City of Newberg reserves the right to reject any or all bids, to waive informalities and to accept the bid that is in the best interest of the City.

Three lining systems have been investigated and prequalified for this project. Bidder must specify, on the proposal form, which system is being bid. All bids must include relining the existing asphalt lining and coating the entire baffle system, inlet and overflow structures.

The systems are as follows:

**SYSTEM 1** High Density Polyethylene (HDPE) membrane as specified in section 9936 and coating the structures with a urethane coating system, as specified in section 9917.

**SYSTEM 2** Polyurea spray applied membrane as specified in section 9917. This option will include coating the baffles and overflow and inlet structures with the same material.

**SYSTEM 3** Urethane spray applied membrane as specified in section 9917. This option will include coating the baffles and overflow and inlet structures with the same material.

All bids must be submitted on the enclosed "Proposal" form completely filled out, signed and accompanied by a certified check or bid bond payable to the City Of Newberg, Oregon for an amount not less than 10 percent of the total amount of the bid submitted.

#### EXAMINATIONS AND INSPECTIONS

Bidders must determine for themselves, to their own satisfaction, all of the conditions and circumstances affecting the project or the cost of the proposed work by personal examination of the site and the specifications and by such other means as they may choose. It is understood and agreed that information as to conditions or obstructions indicated in the plans or specifications has been obtained by the City from data at hand. There is no express or implied agreement that such conditions are fully or correctly shown and the Bidder must take into consideration the possibility that conditions affecting the cost or quantity of work may differ from those indicated.

#### PERFORMANCE BOND

The successful Bidder will be required to furnish a performance bond for the full amount of the contract prior to the execution of the Contract.

The Bond, in an amount equal to 100 percent of the Contract sum, shall be satisfactory to the Owner and shall be executed by a corporate surety licensed to do business in the State of Oregon. The attorney in fact who executes the Bond on behalf of the surety shall affix thereto a certified and current copy of his power of attorney and shall indicate the monetary limit of such power.

#### PREVAILING WAGES

The latest issue of the "Prevailing Wage Rates for Public Works Contracts in Oregon" shall apply to all work done under this contract. The rates which are applicable, those effective July 1, 1999 will be incorporated in the final contract documents.

#### INSURANCE – PROOF OF COVERAGE

Work shall not commence until all insurance requirements have been met and certificates thereof have been filed with the Finance Department.

#### INSURANCE – PUBLIC LIABILITY AND PROPERTY DAMAGE

The Contractor shall provide and maintain such public liability and property damage insurance as will protect the Contractor and the City from any and all claims for damage or personal injury including death, which may arise from these operations or in connection therewith, including all operations of Sub contractors. Such insurance shall provide coverage for not less than the following:

|                      |                                                         |
|----------------------|---------------------------------------------------------|
| For Personal Injury: | \$200,000 for one claim<br>\$500,000 for one occurrence |
| For Property Damage: | \$500,000 for one occurrence                            |

In lieu of the foregoing, submit a single limit public liability policy for personal injury and property damage in the sum of \$500,000 or not less than the amount for which public bodies are responsible as set forth in ORS Chapter 30, Tort Actions against Public Bodies.

The policy shall not be terminated or be canceled prior to completion of the Contract without 30 days' written notice to the Finance Department of the City Of Newberg, which notice shall be subject to approval by the City Attorney. Effective date of the notice is the date the notice is actually received in the Finance Department.

#### WORKER'S COMPENSATION INSURANCE

1. The Contractor shall provide worker's compensation coverage for all persons employed in performing the services under the agreement, in accordance with ORS 656.001 to 655.794, either as:

- (a) A carrier insured employer; or
- (b) A self insured employer as provided by ORS 656.407.

Evidence of such coverage shall be filed with the City and maintained for the duration of this contract.

END OF SECTION

**BID BOND**

**BID BOND**  
**WATER TREATMENT PLANT POND LINING**

KNOW ALL MEN BY THESE PRESENTS that we, \_\_\_\_\_

\_\_\_\_\_, as Principal, and \_\_\_\_\_  
\_\_\_\_\_, a corporation organized and existing under the laws of the State of \_\_\_\_\_ and duly authorized to transact a surety business in the State of Oregon, as surety, are held and firmly bound unto the CITY OF NEWBERG OREGON, a municipal corporation of the State of Oregon, in the penal sum of \_\_\_\_\_ lawful money of the United States of America, for the payment whereof well and duly to be made, we and each of us, jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that whereas the Principal has submitted or is about to submit a proposal irrevocable for the period specified in the proposal to the Obligee on a contract for the WATER TREATMENT PLANT POND LINING

NOW THEREFORE, in the event the Principal seeks to revoke his offer for any reason not authorized by law and not consented to by Obligee within the irrevocable period and if awarded the contract and said Principal fails, neglects, or refuses to enter into a contract to perform said work and furnish said labor, equipment and/or material, and to furnish performance and labor material payment bonds as required within the time specified, then the amount herein stated shall be declared to be forfeited and become due and payable to the City of NEWBERG OREGON.

SIGNED, SEALED AND DATED this \_\_\_\_ day of \_\_\_\_\_ 19 \_\_\_\_.

Principal \_\_\_\_\_  
Address \_\_\_\_\_

BY \_\_\_\_\_  
Title \_\_\_\_\_  
Surety \_\_\_\_\_

\_\_\_\_\_  
Oregon Agent for Service

\_\_\_\_\_  
address

BY \_\_\_\_\_  
Attorney in Fact

CORPORATE SEAL (PRINCIPAL)

CORPORATE SEAL (SURETY)

NOTE

If Principal is operating under an assumed business name, there must also be set forth in the first paragraph of the bond the names of all the partners of the individual owning the business, and the bond must be executed by one of them.

If the Principal is a corporation, the bond must be executed by one of the officers authorized to execute bonds, showing his official title and the seal of the corporation.

The bond must be executed by an attorney-in-fact for the surety company, show on the face thereof the Oregon agent for service, and bear the seal of the surety company. Where the bond is executed by a person outside the State of Oregon, his authority to execute bonds must be shown.

JULY, 1999

BID BOND

1

# PROPOSAL



WATER TREATMENT PLANT POND LINING  
CITY OF NEWBERG  
PROPOSAL

The undersigned agrees to accept as full payment for the work proposed for the **Water Treatment Plant Pond Lining** project as herein specified and as shown on the plans, based upon the undersigned's own estimate of quantities and costs, the following:

TOTAL BID PRICE ("Base Bid" )

\$ 56,659<sup>00</sup>  
(amount in figures)

Fifty six thousand six hundred fifty nine Dollars and 00 Cents  
(amount written in words has precedence)

Bid is based on lining system Sprayed Coating #2 as specified in section 009917.

Award of bid is based on "BASE BID" (Bid Item 1 and 2 total)

The bid is composed of the following components:

BID

| ITEM | DESCRIPTION            | QUANTITY | UNIT PRICE       | TOTAL            |
|------|------------------------|----------|------------------|------------------|
| 1.   | Lining system complete | lump sum | \$ <u>46,600</u> | \$ <u>46,600</u> |
| 2.   | Baffle painting        | lump sum | \$ <u>10,059</u> | \$ <u>10,059</u> |

BASE BID \$ 56,659<sup>00</sup>

The following work **may** be required and assigned to the Contractor. To minimize delays in the installation phase provide bids on the following alternate additive packages.

|    |                                                                      |          |                |                |
|----|----------------------------------------------------------------------|----------|----------------|----------------|
| A. | Baffle posts in place                                                | 12       | \$ <u>750</u>  | \$ <u>9000</u> |
| B. | Baffle lumber in place including miscellaneous hardware and supplies | lump sum | \$ <u>9000</u> | \$ <u>9000</u> |

## WATER TREATMENT PLANT POND LINING

I agree that this bid shall be irrevocable for at least 30 calendar days after the bid opening date and time, and if accepted, to construct said project at the prices bid within the time specified.

The undersigned bidder hereby represents as follows: That this bid is made without connection with any person, firm, or corporation making a bid for the same project, and is in all respects fair and without collusion or fraud.

Bidder TSR Corporation

Licensed to do business in Oregon? Yes ☒ No ☐

Contractor's Board Registration Number 64042

Form of organization C Corp.

State of Incorporation Oregon

Names of Partners (if Co-Partnership) \_\_\_\_\_

By (Signature) Rose Loomis Date 9-7-99

Name (Typed) Rose Loomis

Title President

Address 25635 Garden Acres Rd.

City Sherwood State OR Zip 97140

Phone Number (503) 682-7882  
include area code

Addendum #1 8-31-99 Received

CONTRACT  
DOCUMENTS

## CONTRACT FOR CONSTRUCTION

THIS CONTRACT, made and entered into this \_\_\_ day of \_\_\_\_\_, 19\_\_\_, by and between the CITY OF NEWBERG, OREGON, a municipal corporation, hereinafter called the "OWNER", and

ISR Corp.  
of 25635 Garden Acres Rd.  
Sherwood, Or 97140

hereinafter called the "CONTRACTOR".

### WITNESS:

Said Contractor, in consideration of the sum to be paid him by the said Owner and of the covenants and agreements herein contained, hereby agrees at his own proper cost and expense to do all the work and furnish all the materials, tools, labor, and all appliances, machinery and appurtenances for the **Water Treatment Plant Pond Lining Project** to the extent of the Bid made by the Contractor on the 9 day of Sept, 1999, all full compliance with Contract Documents referred to herein.

The Advertisement for Bid, the signed copy of the Bid made by the Contractor, the fully executed Performance and Payment Bond, the Bound Contract Bid Documents, including Referenced Standards entitled **Water Treatment Plant Pond Lining Project** dated August, 1999, are hereby referred to and, by reference, made a part of this Contract as fully as if the same were completely set forth herein.

In consideration of the faithful performance of the work herein embraced, as set forth in these Contract Documents, and in accordance with the direction of the Community Development Director and to his satisfaction to the extent provided in the Contract Documents, or as otherwise herein provided and based on the said Bid made by the Contractor, and to make such payments in the manner at the times provided in the Contract Documents.

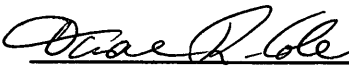
The Contractor agrees to complete the work within the time specified herein and to accept as full payment hereunder the amounts computed as determined by the Contract Documents and based on the said Bid.

The Contractor agrees to indemnify and save harmless the Owner from any and all defects appearing or developing in the materials furnished and the workmanship performed under this Contract for a period of one year or such other time as applicable law may allow after the date of acceptance of the work in the Contract by the Owner.

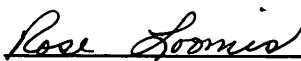
In the event that the Contractor shall fail to complete the work within the time limits or the extended time limit agreed upon, as more particularly set forth in the Contract Documents, liquidated damages shall be paid at the rate of Two Hundred dollars per consecutive calendar day. Sundays and legal holidays shall be excluded in determining days in default.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be executed the day and year first herein above written.

CITY OF NEWBERG, OREGON

By   
Title City Manager

CONTRACTOR

By   
Title President

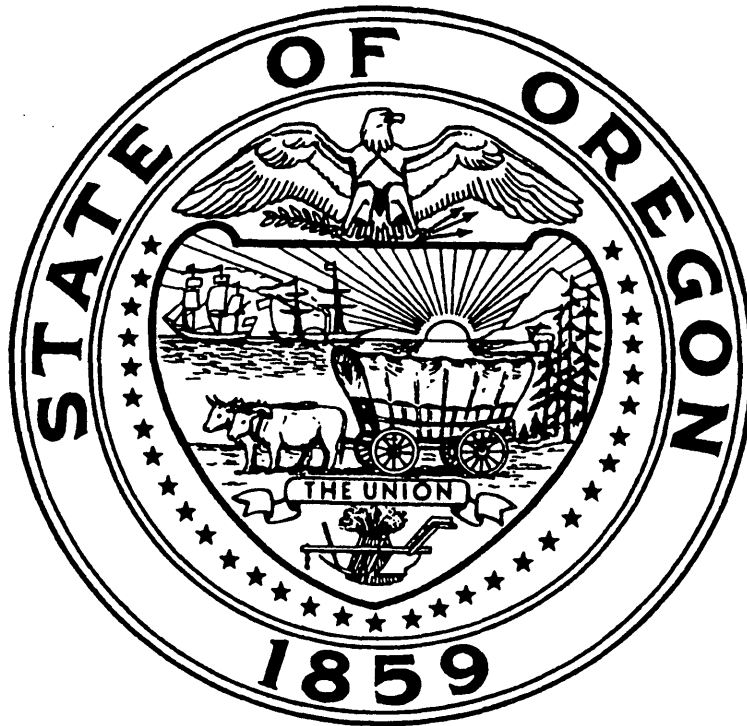
APPROVED AS TO FORM:

  
City Attorney

A vertical dashed line consisting of 20 short, thick black horizontal bars spaced evenly along the left margin of the page.

## **PREVAILING WAGE RATES**

**PREVAILING WAGE RATES**  
**for**  
**Public Works Contracts in Oregon**



**OREGON BUREAU OF LABOR AND INDUSTRIES**

**Jack Roberts**  
**Commissioner**  
**Bureau of Labor and Industries**

**Effective July 1, 1999**

**JACK ROBERTS  
COMMISSIONER**



SUITE 1045  
800 NE OREGON, # 32  
PORTLAND, OREGON 97232

## **BUREAU OF LABOR AND INDUSTRIES**

July 1, 1999

Under Oregon law, the Commissioner of the Bureau of Labor and Industries publishes the state's prevailing wage rates twice annually, in January and July, with quarterly updates in April and October. The rates are determined using a statewide construction industry wage survey of occupations and crafts performing commercial, heavy and highway construction in 14 specific geographic regions of the state. The 1998 survey collected 1.2 million hours of construction employment wage information for over 100 craft occupations, reported by contractors for a peak week of employment between June 21 and August 15, 1998. The 1999 survey will soon be underway.

Prevailing wage rates are the minimum wages that must be paid to all workers employed in the construction, reconstruction, major renovation or painting of all public works, unless specifically exempted by state law. Copies of these rates must be incorporated into all bid specifications when the advertisement for such public works contracts is issued. A provision that prevailing wage rates must be paid must also appear in the contract. The rates in effect at the time the bid specifications are first advertised are those that apply for the duration of the project, with one exception: If, during the bidding process, the prevailing wage rates change, the public contracting agency has the option of amending the bid specifications to reflect such changes.

If you identify any errors in the rates published, please bring them to the attention of the Prevailing Wage Rate Coordinator in Portland (503-731-4074). If you have any questions about the manner in which the prevailing wage rates are enforced, contact the Wage and Hour Division in Portland (503-731-4074), or any of the bureau's field offices.

**JACK ROBERTS**  
Commissioner  
Bureau of Labor & Industries



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**July 1, 1999**

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The Appendix section is to be used only for regions/trades specified in pages 15 through 55. Refer to pages 15 through 55 before using rates in the Appendix section.

A list of debarred contractors and all forms necessary to comply with ORS 279.348 through ORS 279.375 may be found in the back of this booklet.

Contractors are encouraged to use and keep on file the forms provided as master copies for use on future prevailing wage rate projects.

Pursuant to ORS 279.348 to ORS 279.380, the prevailing wage rates contained in this booklet have been adopted for use on public works contracts in Oregon. Additional copies of this booklet are available for \$2.00 each.

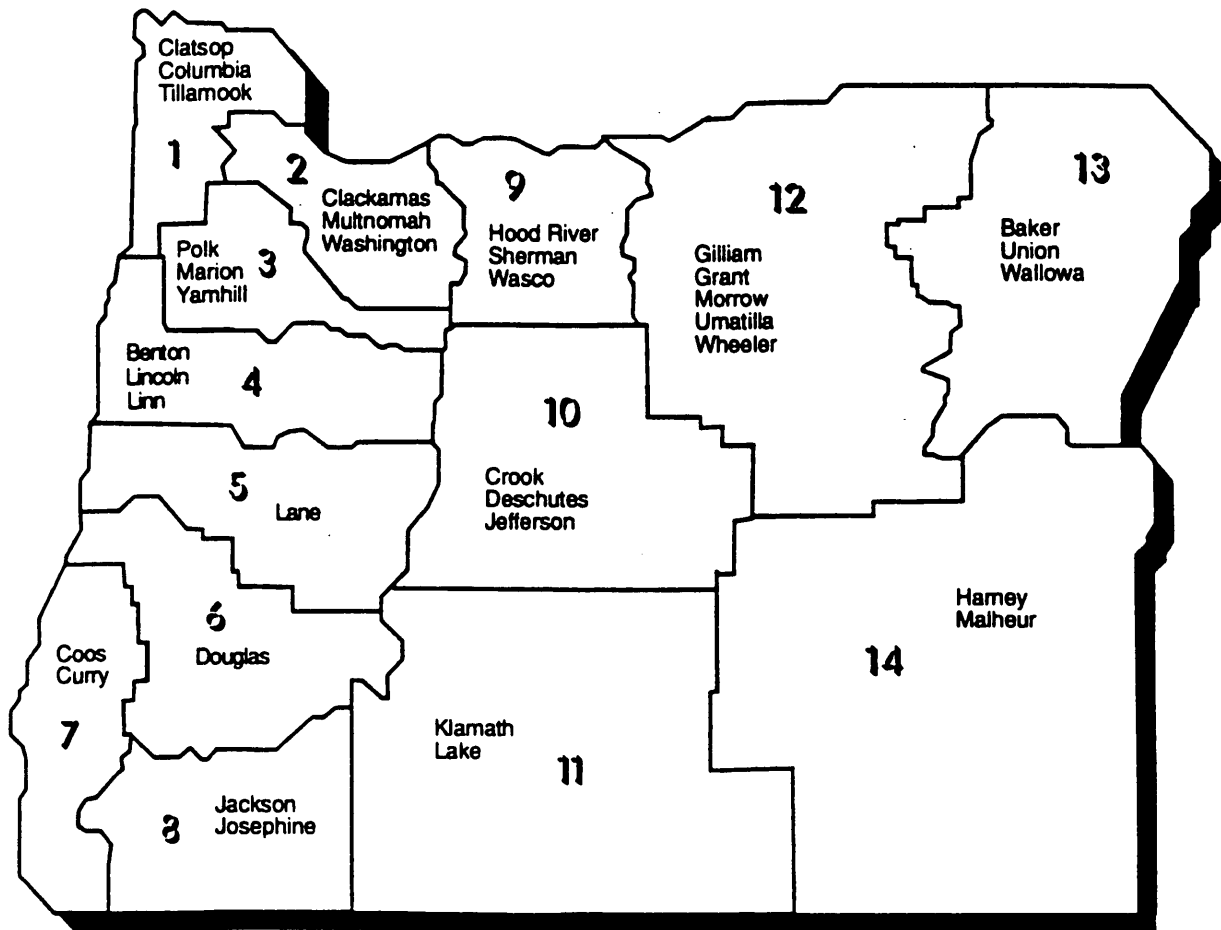
For specific information or questions regarding prevailing wage law, you may obtain a "Prevailing Wage Rate Law" handbook by contacting the nearest Oregon Bureau of Labor and Industries office.

All of the information in this booklet can be accessed and printed from the Internet at:  
[www.boli.state.or.us](http://www.boli.state.or.us)

**Bureau Offices**

|          |                                                     |                |
|----------|-----------------------------------------------------|----------------|
| Bend     | 1250 NE 3 <sup>rd</sup> , #B-105, Bend, OR 97232    | (541) 388-6330 |
| Eugene   | 165 E. 7 <sup>th</sup> , Room 220, Eugene, OR 97401 | (541) 686-7623 |
| Medford  | 700 E. Main, Suite 105, Medford, OR 97504           | (541) 776-6270 |
| Portland | 800 NE Oregon St, # 32, Portland, OR 97232          | (503) 731-4074 |
| Salem    | 3865 Wolverine St. NE, Bldg. E-1, Salem, OR 97305   | (503) 378-3292 |

# PREVAILING WAGE RATE REGIONS



## DEFINITIONS OF COVERED OCCUPATIONS

### 1. **Asbestos Workers/Insulators**

Installation of insulation on mechanical systems for thermal and acoustical purposes. Also the installation of fire stop penetrations on electrical and mechanical systems.

Mechanical systems include pipes, boilers, ducts, flues, breaching, grease ducts and acid ducts. This also includes all labor connected with the handling and distribution of materials for these systems.

#### **Hazardous Materials Handler/Mechanic**

The removal of all regulated materials from mechanical systems is exclusively the work of Hazardous Materials Handlers, unless the mechanical systems are going to be scrapped. Laborers do all removal of regulated materials on mechanical systems to be scrapped and any non-mechanical (walls, ceiling floors, beams, etc.) insulation. Laborers also do loading of any regulated material after it has been removed, bagged, and tagged, as well as cleanup at the removal site and all work done at the disposal site. Persons performing the removal of contained regulated materials are classified as Laborers (#18).

**NOTE:** Regulated materials are those materials that are regulated for the purpose of protecting the environment or for personal protection by EPA, OSHA, DEQ, or Federal OSHA.

### 2. **Boilermakers**

Construct, assemble, maintain and renovate stationary steam boilers and boiler house auxiliaries. Align structures or plate sections to assemble boiler frame tanks or vats, following blueprints. Work involves use of hand and power tools, plumb bobs, levels, wedges, dogs or turnbuckles. Assist in testing assembled vessels. Direct cleaning of boilers and boiler furnaces. Inspect and reconstruct boiler fittings, such as safety valves, regulators, automatic-control mechanisms, water columns, and auxiliary machines.

### 3. **Bricklayers/Stonemasons**

#### **Bricklayers**

Lay building materials, such as brick, structural tile, concrete, cinder, glass, gypsum and terra cotta block (except stone), to construct or renovate walls, partitions, arches, sewers, and other structures. Include Refractory Brickmasons, when working on site of construction.

#### **Stonemasons**

Build stone structures, such as piers, walls, and abutments. Lay walks, curbstones, or special types of masonry for vats, tanks and floors.

## DEFINITIONS OF COVERED OCCUPATIONS

### 4. **Carpenters**

Construct, erect, install and renovate structures, fixtures and equipment of wood, plywood and wallboard using carpentry tools and woodworking machines.

#### **Carpenter 1**

Auto nailing machine, Form Stripper, Floor Layers, Stationary Power Saw Operator.

#### **Carpenter 2**

Cabinet and Shelving Installers, Floor Finishers, Wall & Ceiling Insulators, Irritating insulation.

#### **Drywall/Acoustical Carpenters**

Ceiling Tile Installers and Acoustical Carpenters (exclude carpet, wood or hard tile installers); Drywall Installer (apply plasterboard or other wallboard to ceilings and interior walls).

#### **Marine Carpenters**

Bridge, Dock and Wharf Builders; Piledrivermen; Boom Men; Marine Piledrivers

### 5. **Millwrights/Machine Erectors**

Mechanics specializing in installing new heavy machinery.

### 6. **Cement Masons**

Apply cement, sand, pigment or marble chips to floors, stairways and cabinet fixtures to finish and attain durable and decorative surfaces, according to specifications and drawings. Finish surfaces to remove imperfections from freshly poured concrete walls, roads, walkways and ornamental stone facings of concrete structural products. Include Concrete Rubbers.

Cement Masons, finishing, hand chipping, patching, grouting, end pointing, screed setting, plugging, filling bolt holes, dry packing, setting curb forms, planks, stakes, lines and grades. Grinding of concrete done as preparatory-to patching or when done to produce a finished concrete product.

Composition workers (includes installation of epoxy and other resinous toppings), and power machine operators.

Cement Masons working on suspended, swinging and/or hanging scaffold.

(NOTE: Tenders to Cement Masons are found in Concrete/Cement Laborers. See #18)

## DEFINITIONS OF COVERED OCCUPATIONS

### 7. Divers & Divers' Tenders

#### Diver

An underwater worker supplied with air, usually by a pipeline from the surface, who lays foundations for bridge piers, reconstructs underwater walls, uses underwater cutting and welding tools and the cement gun; also may do underwater carpentry, steel plating and shipwright's work.

#### Divers' Tenders

Work on the surface to monitor gauges for divers.

### 8. Dredging Operations

Assistant Engineer (including Machinist, Mechanic, Oiler, Watch Engineer, Welder), Assistant Mate ("Deckhand"), Boatman, Fill Equipment Operator, and Leverman. Operate power-driven dredge to mine sand, gravel or other materials from bays, lakes, ponds, rivers or streams, and to excavate and maintain navigable channels in waterways (excludes Floating Construction Equipment - see Power Equipment Operators #23).

### 9. Painters & Drywall Tapers

#### Painters: Brush, Roller, Machine (Spray and Sandblasting)

Paint walls, equipment, buildings, bridges, and other structural surfaces, using brushes, rollers and spray guns. May mix colors or oils to obtain desired color or consistency. Also applies wall coverings.

#### Drywall Tapers

Seals joints between plasterboard and other wallboards to prepare wall surface for painting or papering.

### 10. Lathers

Fasten wooden, metal or rockboard lath to walls, ceilings and partitions of buildings to provide supporting base for plaster, fireproofing or acoustical material.

### 11. Electricians

Install, in new construction or reconstruction, electrical wiring, equipment and fixtures. Insure that work is in accordance with relevant codes. Includes all inside wiring or cable splicing. May read blueprints.

#### Electrical Material Handler

Handles and maintains order of all electrical material, tools and equipment on job site, delivering materials to licensed electricians. Must not install electrical material or utilize equipment (i.e. switch gear, motor control centers, transformers, motors, light fixtures, etc.). Note: This classification applies exclusively to electrical materials. If worker deploys and handles other types of materials, in addition to electrical materials, or performs general site cleanup see Laborer. (#18)

## DEFINITIONS OF COVERED OCCUPATIONS

### 12. Limited Energy Electrician

May only be used for electrical work not exceeding 100 va in class II and III installations (as defined in Article 725 of the National Electrical Code). Includes computer cabling.

### 13. Line Construction

Install and reconstruct cable or wires used in electrical power or distribution systems. Install insulators; erect wood poles and light or heavy-duty transmission towers. Includes cable splicers and troubleshooters. Excludes repairers of transformers and substation equipment and telephone and telegraph communications workers.

#### **Cable Splicer, Leadman, Pole Sprayer**

Splices and/or terminates power cables which are designed to be used for voltages above 2,000. Splices and/or terminates gas or liquid filled power cables, when part of a distribution system outside of buildings.

#### **Certified Lineman Welder, Heavy Line Equipment Man, Lineman, Pole Sprayer**

**Tree Trimmer**

**Head Groundman, Jackhammer Man, Powderman**

**Line Equipment Man**

**Groundman**

### 14. Elevator Construction

#### **Installers and Mechanics**

Assemble, install and renovate electric and hydraulic freight and passenger elevators, escalators and dumbwaiters.

#### **Assistant to Mechanics**

Works at direction of elevator mechanic.

### 15. Glaziers

Install glass in windows, skylights, storefronts or on surfaces such as building fronts, interior walls, or ceilings at construction sites.

### 16. Highway and Parking Stripers

Paint highway and parking structural surfaces of streets, highways, parking lots, airports, curbs, etc., using manually or mechanically propelled machines, brushes, rollers, and/or spray guns. Installation of any device or application of any material used in lieu of paint for traffic delineation, such as buttons, tapes, plastics, rumble bars, etc.

## DEFINITIONS OF COVERED OCCUPATIONS

### 17. Ironworkers

#### Structural & Reinforcing Metal Workers

Raise, place and unite girders, columns and other structural steel members including prefabricated or precast concrete beams or structural steel member, to form completed structures and structural frameworks. Perform layout work for rods within project area. Fasten rods in place with wire or fasteners; bend or adjust as required, using cutting, welding or rod bending machine. Perform layout work and proper placing of steel in concrete forms, including prefabricated assembly for placement complete in forms. May spin suspension bridge cables or perform other related ironwork duties.

#### Fence Erectors

Erect and renovate *metal* fences, fence gates and ornamental metal fencing around highways, industrial and commercial establishments, using hand and power tools. (NOTE: Wooden fence erectors are classified as Laborers. (see #18)

### 18. Laborers, Material Movers (Hand), Flaggers

All general laborers and material movers, Flaggers, not classified separately. (NOTE: Use Laborer classifications for moving materials and incidental assistance. Use Tender classifications when the primary duty is to assist a particular occupational class. See #30 and #31 for Tender classifications.)

#### Group 1 Laborer

|                                 |                             |                                          |
|---------------------------------|-----------------------------|------------------------------------------|
| Asphalt Spreaders               | Road Oiling Crew Dumpers    | Signalman                                |
| Batch Weighman                  | Dumpmen for Grading Crew    | Skipman                                  |
| Broomers                        | Elevator Feeders            | Slopers                                  |
| Brush Burners/Cutters           | Fine Graders                | Spraymen                                 |
| Carpenter Tender                | Fire Watch                  | Stake Chaser                             |
| Car and Truck Loaders           | Form Strippers              | Stockpiler                               |
| Change-House Man                | Material Yard Man           | Tie Back Shoring                         |
| Chipper Operator                | Powderman Assistant         | Timber Faller/Bucker (hand labor)        |
| Choke Setter                    | Railroad Track Laborers     | Toolroom Man (job site)                  |
| Clean-Up Laborers               | Ribbon Setters              | Weight Man-Crusher                       |
| Concrete Curing                 | Rip Rap Man (hand placed)   | Wood Fence Builder                       |
| Demolition Wrecking, Industrial | Road Pump Tender and Moving | <b>NOTE: Landscape Laborer – see #19</b> |
| Driller Assistant               | Sewer Laborer               |                                          |
| Dry-Shack Man                   |                             |                                          |

#### Group 2 Laborer

|                                  |                                   |                                         |
|----------------------------------|-----------------------------------|-----------------------------------------|
| Applicators                      | Concrete Power Buggyman           | Post Hole Digger (air, gas or electric) |
| Brush Cutters                    | Crusher Feeder                    | Power Tool Operators                    |
| Burners                          | Demolition/Wrecking               | Sandblasting (wet)                      |
| Cement/Concrete Laborers (hand)  | Doping and Wrapping Pipe          | Stake Setter                            |
| Choker Splicer                   | Gunite Nozzleman Tender           | Tampers                                 |
| Clay Power Spreader              | Gunite or Sandblasting Pot Tender | Vibrating Screed                        |
| Clean Up Nozzleman- Green Cutter | Handlers/Mixers                   |                                         |



## DEFINITIONS OF COVERED OCCUPATIONS

### Laborers (Continued)

#### Group 3 Laborer

Scrapped and Contained Asbestos Removal  
Bit Grinder  
Concrete Saw Operator  
Drill Doctor  
Drill Operators  
Guniting Nozzleman

Laser Beam  
Manhole Builder  
Nippers and Timbermen  
Nuclear Plant Worker (lead shield)  
Power Saw Operators  
Sandblasting (dry)  
Sewer Timberman

Strippers  
Track Liners  
Tugger Operator  
Vibrators  
Water Blaster  
Welder

#### Group 4 Laborer

Asphalt Rakers  
Concrete Nozzleman  
Grade Checker  
High Scalars  
Laser Beam (tunnel), applicable when employee assigned to move, set up, align laser beam.

Motorman - Dinky Locomotive  
Loop Installation  
Pipe Layer  
Powder Men  
Pumpcrete Nozzleman  
Shield Operator  
Tunnel Miners

Tunnel Powderman  
Tunnel Bull Gang (above ground)  
Tunnel Muckers  
Brakemen/Concrete Crew Bull Gang (underground)  
Tunnel - Chuck Tenders

### Cleanup Laborers (building only), demolition, wrecking & moving

#### Flagger (certified)

A Laborer who controls vehicular traffic by means of brightly colored flags and/or signs.

#### 19. Landscape Construction

Beautification of a plot of land by changing its natural features through the addition or modification of lawns, trees and bushes.

#### Landscape Laborer/Technician

Performs seeding, planting, mulching, land clearing and top soil spreading by the use of hand tools. With hand tools and power equipment less than 90 horsepower: Clear land, trench to maximum depth of three feet below finish grade, hydroseed, apply chemicals and fertilizers; till, spread and grade topsoil; Establish lawns and plant trees, shrubs and plants; Install, service or replace above ground and underground lawn or landscape irrigation systems; Install French drains or other subsurface water collection systems to a maximum depth of three feet below finish grade. Install, service or repair low voltage outdoor landscape lighting and irrigation valves; Assemble or place pre-manufactured and custom fabrication trellis work, play equipment, benches and picnic tables.

## DEFINITIONS OF COVERED OCCUPATIONS

### 20. **Marble Setter**

Cuts, tools and sets marble slabs in floors and walls of buildings and renovates and polishes slab previously set in buildings. Trims, faces and cuts marble to specified size using power sawing, cutting and facing equipment and hand tools. Drills holes in slab and attaches bracket. Spreads mortar on bottom of slab and on sides of adjacent slabs. Sets block in position, tamps it into place, and anchors bracket attachment with wire. Fills joints with grout. Removes excess grout from marble with sponge. Cleans and bevels cracks or chips on slabs, using hand tools and power tools. Heats cracked or chipped area with blowtorch and fills defect with composition mastic that matches grain of marble. Polishes marble and other ornamental stone to high luster, using power tools or by hand.

### 21. **Plasterers and Stucco Masons**

Apply coats of plaster onto interior or exterior walls, ceilings, or partitions or buildings to produce finished surface according to blueprints, architect's drawings or oral instructions.

**Nozzleman  
Swinging Scaffold  
All Other Work**

### 22. **Plumbers and Steamfitters/Pipefitters**

Assemble, install, alter, and replace pipe systems (metal, plastic, ceramic, composition, etc.) that carry water, steam, air or other liquids or gases. Fabricates on site and installs piping and tubing systems, which are to conduct water, steam, air, and other fluids or gases in and around buildings. Also installs vacuum piping systems. Installs drainage and sewage lines (laterals) from buildings to the point of attachment to mains. Installs plumbing fixtures such as sinks, faucets, drinking fountains, commodes, etc. Installs refrigeration equipment. Performs cutting, welding and burning which is incidental to the work of plumbing or pipefitting, except as is described under lead burner. May do other work in connection with the installation and testing of heating and cooling apparatus and control devices. (Note: See also #29 – Sprinkler Fitters.)

### 23. **Power Equipment Operators (equipment used on construction site)**

**Asphalt Paving Equipment: Asphalt Paver Operator, Asphalt Plant Operator, Roller Operator, Screed Operator (any asphalt mix)**

Operate equipment used for applying asphalt or other material compositions to roadbeds, airport runways, taxiways and street paving. Includes asphalt paving machine operators, asphalt plant operators, screed operators and roller operator (any asphalt mix, breakdown or finish). Excludes any residential work.

**Asphalt/Concrete Profilers: Roto-Mill, Pavement Profiler Operator, Concrete Planer, Grinder or Grooving Machine Operator**

Operate equipment used for the removal of excess surface material (concrete, asphalt) during paving, texturing or other work on road surfaces (either concrete or asphalt). Includes removal and recycling of asphalt road surface material.

## DEFINITIONS OF COVERED OCCUPATIONS

### Power Equipment Operators (Continued)

#### **Auxiliary Equipment: Compressors, Generators, Pumps**

Control, maintain or operate various auxiliary equipment, such as compressors, condensers, electricity generators, feedwater heaters, filters and pumps that transfer or supply water, fuel, lubricants, gasses, air, liquids, slurries and auxiliary power for turbines, generators, boilers, power equipment at the construction site. Other auxiliary equipment not otherwise classified (tool grinders, conveyor tender).

#### **Blade: Blade/Grader Operator**

Operator Blade/Grader machine or vehicle equipped with blades to remove, distribute, grade and level earth, aggregate or other material to a specific grade, slope or elevation.

#### **Bulldozers, Rubber-Tired Scrapers, Material Haulers: Bulldozer Operator, Rubber-Tired Scraper Operator and Material Haulers (including "Cat Wagons", DJB's, Volvos and other similar models)**

Operate machines or off road vehicles that push, remove, pick up, distribute or haul rock, earth debris and other material on construction sites.

#### **Compactors/Roller Operator: (not asphalt)**

Operate Compactor, Roller or similar equipment used for compacting crushed rock, dirt or other fill material on construction site. (includes airport runways, taxiways and roadbeds.)

#### **Concrete: Batch Plant and or Wet Mix Operator, Concrete Finishing Machine, Brooming, Tining or Wire Mat Machine Operator, Concrete Spreader/Placer Operator, Pump Operators (concrete or grout), Concrete Slip Form Paving Machine (for installing curbs/gutters, guardrails and/or street paving), Concrete Curing Equipment, Concrete Saw.**

Operate equipment used for: applying, curing, finishing, mixing, pumping, sawing or spreading of concrete; installing concrete curbs/gutters, sidewalks or guardrails; and concrete street or highway paving.

#### **Crane Operation: Hydraulic, Tower, Whirley, Lattice Boom, Dragline & Clamshell, Signal Men**

Operate boom and cable equipment to lift and move materials, machines or other items in a variety of directions on a construction site. Operations, remote or otherwise such as hoisting, piledriver, clamshell, dragline, skip box or bucket to place material.

#### **Crushing: Crusher Plant Operator or Oiler**

Operation of machinery used to crush rock or recycled materials into aggregates for use in asphalt, concrete, base and fill materials for use in highways, streets, airports and construction sites.

#### **Drilling: Earth Boring Machine Operator (horizontal & vertical), Directional Drilling, (excludes exploratory drilling for water, minerals, oil & gas)**

Operate equipment used to drill or bore for any construction purpose, including preparation for the installation of foundations, pipe, utilities and soil stabilization.

**Floating Construction Equipment:** Floating Crane (or "Derrick Barge"), Clamshell or Pile Driver used in conjunction with a construction project, Underwater Equipment Operator (excluding Dredging Operations, which is a separate classification. **See #8**).

## DEFINITIONS OF COVERED OCCUPATIONS

### **Power Equipment Operators (Continued)**

#### **Fork Lifts: Industrial Lift Truck Operator and Material Handler**

Operate industrial lift trucks or loaders equipped with forks used to unload, load, place, stack and distribute materials on a construction site.

#### **Front End Loaders, Hydraulic Hoes, Excavators**

Operate machinery equipped with scoops, shovels or buckets to excavate, load or move dirt, aggregate and other materials.

#### **Guardrail Equipment: Guardrail Punch Operator (all types), Guardrail Punch Oiler, Combination Guardrail Machines (Punch, Auger, etc.)**

Operation of any power equipment used to install guardrails.

#### **Repairmen, Heavy Duty (Mechanics, Welders) and Oilers**

Duties include repairing heavy equipment at the construction site (such as cranes, bulldozers, loaders, excavators, etc.). This classification includes any mobile heavy equipment mechanics employed by the contractor who is filling out the survey form. This also includes maintenance workers who change parts, lubricate machinery, and perform other routine maintenance functions at the construction site.

#### **Sweepers**

Broom Operator, self-propelled; Sweeper Operator (Wayne type) self-propelled.

#### **24. Riggers**

Classify riggers in the craft performing the work for which rigging is incidental. For example, a carpenter doing rigging is classified as a carpenter; an ironworker doing rigging is classified as an ironworker.

#### **25. Roofers**

##### **Roofers, general roofing materials and irritable bituminous materials**

Cover roofs of commercial structures with slate, asphalt, wood and related materials using brushes, knives, punches, hammers and other tools. May spray roofs, sidings and walls with material to bind, seal, insulate or soundproof sections of structures.

#### **26. Sheet Metal Workers and Sheet Metal Duct Installers**

On a construction site, fabricate, assemble, install and replace sheet metal products and equipment, such as control boxes, drainpipes and furnace casings. Work may involve any of the following: set up and operate fabricating machines to cut, bend and straighten sheet metal; shape metal over anvils, blocks or forms using hammer; operate soldering and welding equipment to join sheet metal parts; inspect; assemble and smooth seams and joints of burred surfaces. Install prefabricated sheet metal ducts used for heating, air conditioning or other purposes in commercial buildings and similar structures.

## DEFINITIONS OF COVERED OCCUPATIONS

### 27. **Sign Erectors**

Erects preassembled illuminated sign on buildings or other structures, according to sketches, drawings, or blueprints; measures location for sign and marks points where holes for expansion shields are to be drilled, using measuring tape and chalk. Drills holes, using star drill. Drives expansion shield into hole with hammer, and secures lag bolts in shield, using wrench. Attaches hanging pole for sign to building front with lag bolts, and secures pole with guy wires attached from pole to lag bolts. Secures cornice hook on roof, rigs block and tackle, and hoists sign into positions. Or operates hydraulic boom to position sign. Secures sign to hanging pole with hooks. Makes electrical connections to power source and test sign for correct operation. May pre-wire sign before installing. May use welding equipment when installing sign. May mount plastic signs with adhesives.

Erects, assembles and renovates roadside signs and billboards at designated locations, using hand tools and power tools. Digs hole with posthole digger or shovel. Places wood or metal post in hole, backfills excavated areas for sign supports, and compacts material to hold support in position. Operates air hammer to drive channel-metal post into ground. Bolts, screws or nails plywood or metal sign panels to sign post or frame, using hand tools. Replaces worn and damaged signs. Repaints rusted signs. Excavates, forms and pours concrete footers for metal sign supports. May erect metal sign support structure over highways. May operate banding machine to band signs on utility poles.

### 28. **Soft Floor Layers**

#### **Floor Covering Layers (soft tile, linoleum and carpet)**

Apply blocks, strips or sheets of shock-absorbing, sound-deadening or decorative coverings to floors and cabinets. Includes laying soft tile and linoleum. Lay carpets or rugs in buildings.

### 29. **Sprinkler Fitters**

Installs all piping and auxiliary devices, which are necessary for the complete installation of sprinkling systems for fire protection in buildings. Excludes systems operated with steam. (Note: See also #22 - Plumbers and Steamfitters/Pipefitters.)

### 30. **Tenders to Mason Trades: Brick and Stonemasons, Mortar Mixers, Hod Carriers**

Directly assist brickmasons and stonemasons by performing duties of lesser skill. Duties include mixing, supplying and holding materials or tools, and cleaning work area and equipment. Performed on block walls and may include scaffolding work.

Note: Excludes cement and concrete flat work and cement pumping which is performed by concrete/cement laborers. (See #18 for Laborer classifications.)

### 31. **Tenders to Plasterers: Assistants to Plasterers and Stucco Masons**

Assist plasterers or stucco masons by performing duties of lesser skill. Duties include supplying or holding materials or tools and cleaning work area and equipment. Exclude construction or maintenance laborers who do not primarily assist plasterers or stucco masons.

## DEFINITIONS OF COVERED OCCUPATIONS

### 32. **Tile Setter/Terrazzo Worker: Hard Tile Setters**

Apply tile to walls, floors, ceilings and promenade roof decks following design specifications. Applies glazed, unglazed, mosaic and other ceramic tiles, which are used as a surface on floors, walls, ceilings and other surfaces and which must be set to a specified grade. Applies and floats all settings beds into which these tiles are set. Levels and plumbs these tiles to the specified grade.

Note: Tenders for tile setters and terrazzo workers are classified in Tile, Terrazzo and Marble Finishers (#33)

### 33. **Tile, Terrazzo and Marble Finishers**

Supplies and mixes construction materials for Marble setter, Terrazzo Worker and Tile Setter. Applies grout and finishes surface of installed marble, terrazzo and tile. Mixes mortar and grout, moves mortar and grout manually or using wheelbarrow. Cleans installed marble, terrazzo and tile surfaces, work and storage areas. May renovate and fill chipped, cracked or broken pieces. May assist Marble Setter, Terrazzo Worker, and Tile Setter. Grinds and polishes surfaces.

### 34. **Truck Drivers, Heavy or Tractor-Trailer**

Drive a tractor-trailer combination or a truck with a capacity of at least 3 tons, to transport goods or materials.

#### Group 1

A-frame or Hydra-Lift Truck w/load bearing surface  
Battery Rebuilder  
Bus or Man-Haul Driver  
Concrete Buggies (power operated)  
Driver  
Dump Trucks, side, end and bottom dumps up to and including 10 cu. yards, including semi-trucks and trains or combinations thereof  
Fork Lifts used in loading, unloading and transporting material on job site.  
Fuel Truck Driver  
Lift Jitneys

Loader and/or Leverman on concrete dry batch plant manually operated  
Lubrication Man  
Pilot Car  
Slurry Truck Driver or Leverman  
Solo Flat Bed and miscellaneous body trucks  
Steam Cleaner or combination  
Tireman  
Transit Mix & wet or dry mix trucks, 5 cu. yds. and under  
Truck and Truck Mechanic Assistant  
Wash Rack  
Water Wagon up to 3,000 gallons

#### Group 2

Dumpsters or similar equipment  
Flaherty Spreader Driver or Leverman  
Low Bed Equipment, Flat Bed Semi-Truck & Trailer or doubles transporting equipment or wet or dry materials  
Lumber Carrier, Driver-Straddle Carrier used in loading, unloading and transportation of material on job site

Oil Distributor Driver or Leverman  
Transit Mix and Wet or Dry Mix Trucks, over 5 cu. yds. and including 7 cu. yds.  
Water Wagons, 3,000 to 5,000 gallons

## DEFINITIONS OF COVERED OCCUPATIONS

### Truck Drivers, Heavy or Tractor-Trailer (Continued)

#### Group 3

Body Repairman

Dump Trucks, side, end and bottom dumps over 10 cu. yds. and including 30 cu. yds., including semi-trucks and trains or combinations thereof.

Transit Mix and wet or dry Mix Trucks over 7 cu. yds. and inc. 11 cu. yds.

Truck Mechanic – Welder – Body Repairman  
Water Wagons, 5,000 to 10,000 gallons

#### Group 4

Dump Trucks, side, end and bottom dumps over 30 cu. yds. and including 50 cu. yds., including semi-trucks and trains or combinations thereof.

Transit Mix and wet or dry Mix Trucks, over 11 cu. yds. and including 15 cu. yds.

Water Wagons, 10,000 to 15,000 gallons

#### Group 5

Dump Trucks, side, end and bottom dumps over 50 cu. yds. and including 60 cu. yds., including semi-trucks and trains or combinations thereof.

#### Group 7

Dump Trucks, side, end and bottom dumps over 80 cu. yds. and including 100 cu. yds., including semi-trucks and trains or combinations thereof.

#### Group 6

Dump Trucks, side, end and bottom dumps over 60 cu. yds. and including 80 cu. yds., including semi-trucks and trains or combinations thereof.

### 35. Welders

Classify welders in the craft performing the work for which welding is incidental. For example, a carpenter doing hand welding is classified as a carpenter; an ironworker doing welding is classified as an ironworker.

# **PREVAILING WAGE RATES**

## **OCCUPATIONS BY REGIONS**



**REGION #1**  
**Clatsop, Columbia and Tillamook Counties**

| OCCUPATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PREVAILING<br>WAGE RATE | FRINGE<br>RATE      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------|
| Asbestos Workers/Insulators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | See Appendix            | See Appendix        |
| Boilermakers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | See Appendix            | See Appendix        |
| Bricklayers/Stonemasons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | See Appendix            | See Appendix        |
| <b>Carpenters</b><br><br>Carpenter 1: Auto Nailing Machine, Form Stripper, Floor Layers, Stationary Power Saw Operator<br><br>Carpenter 2: Cabinet and shelving installers, Floor Finishers, Wall and Ceiling Insulators, Irritating Insulation.<br><br>Drywall/Acoustical Carpenters: Ceiling tile installers and acoustical carpenters (exclude carpet, wood or hard tile installers); Drywall installer (apply plasterboard or other wallboard to ceilings and interior walls)<br><br>Marine Carpenters: Bridge, dock and wharf builders, piledrivermen, boom men, marine piledrivers | <b>\$19.32 (all)</b>    | <b>\$5.92 (all)</b> |
| Cement Masons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | See Appendix            | See Appendix        |
| Diver / Divers' Tender                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | See Appendix            | See Appendix        |
| Dredging (Asst. Engineer, Asst. Mate, Fireman, Oilers, Operators, Tenderman)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | See Appendix            | See Appendix        |
| Drywall Taper/Lather                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>\$18.77</b>          | <b>\$5.92</b>       |
| Electrician                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | See Appendix            | See Appendix        |
| Elevator Constructors, Installers and Mechanics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix        |
| Fence Constructor (not metal) (Laborers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | See Appendix            | See Appendix        |
| Fence Erector (metal) (Ironworkers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>\$13.89</b>          | <b>\$2.71</b>       |
| Floor Covering Layers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>\$15.96</b>          | <b>\$4.23</b>       |
| Glaziers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | See Appendix            | See Appendix        |
| Hazardous Materials Handler/Mechanic (Asbestos Workers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | See Appendix            | See Appendix        |
| Highway and Parking Stripers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | See Appendix            | See Appendix        |
| Ironworkers (Structural & Reinforcing Metal Workers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | See Appendix            | See Appendix        |
| Laborers and Material Movers (Hand); Flaggers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | See Appendix            | See Appendix        |
| Landscape Laborer/Technician                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>\$12.32</b>          | <b>\$1.84</b>       |
| Limited Energy Electrician                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | See Appendix            | See Appendix        |
| Line Construction (Excludes Tree Trimmers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | See Appendix            | See Appendix        |
| Marble Setters                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | See Appendix            | See Appendix        |
| Millwrights; Machine Erectors; Machinists; Millwright/Welders (Carpenters)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | See Appendix            | See Appendix        |
| Painter: Brush, Roller, Machine (spray and sandblasting)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>\$14.93</b>          | <b>\$3.04</b>       |
| Plasterers and Stucco Masons, (Swinging Scaffold, Nozzlemen and All Other Work) (Plasterers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | See Appendix            | See Appendix        |
| Plumbers and Steamfitters/Pipefitters (Plumbers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix        |

REGION #1  
Clatsop, Columbia and Tillamook Counties

| OCCUPATION                                                                                                                                                                                                                                                                                                                                   | PREVAILING<br>WAGE RATE                                                     | FRINGE<br>RATE                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>Power Equipment Operators</b>                                                                                                                                                                                                                                                                                                             |                                                                             |                                                                             |
| Asphalt Paving Equipment: Asphalt Paver Operator, Asphalt Plant Operator, Roller Operator, Screed Operator (any asphalt mix)                                                                                                                                                                                                                 | See Appendix                                                                | See Appendix                                                                |
| Asphalt/Concrete Profilers: Roto-Mill, Pavement Profiler Operator, Concrete Planer, Grinder or Grooving Machine Operator                                                                                                                                                                                                                     | See Appendix                                                                | See Appendix                                                                |
| Auxiliary Equipment: Compressors, Generators, Pumps                                                                                                                                                                                                                                                                                          | \$20.05                                                                     | \$5.11                                                                      |
| Blade: Blade/Grader Operator                                                                                                                                                                                                                                                                                                                 | \$20.83                                                                     | \$6.09                                                                      |
| Bulldozers, Rubber-Tired Scrapers, Material Haulers: Bulldozer Operator, Rubber-Tired Scraper Operator, and Material Haulers (including "Cat wagons", DJB's, Volvos and other similar models)                                                                                                                                                | \$17.24                                                                     | \$4.83                                                                      |
| Compactors/Roller Operator: (not asphalt)                                                                                                                                                                                                                                                                                                    | \$16.81                                                                     | \$5.55                                                                      |
| Concrete: Batch Plant and or Wet Mix Operator, Concrete Finishing Machine, Brooming, Tining or Wire Mat Machine Operator, Concrete Spreader/Placer Operator, Pump Operators (concrete or grout), Concrete Slip Form Paving Machine (for installing curbs/gutters, guardrails, and/or street paving), Concrete Curing Equipment, Concrete Saw | See Appendix                                                                | See Appendix                                                                |
| Crane Operation: Hydraulic, Tower, Whirley, Lattice Boom, Dragline & Clamshell, Signal Men                                                                                                                                                                                                                                                   | See Appendix                                                                | See Appendix                                                                |
| Crushing: Crusher Plant Operator or Oiler                                                                                                                                                                                                                                                                                                    | \$16.92                                                                     | \$4.18                                                                      |
| Drilling: Earth Boring Machine Operator (horizontal & vertical), Directional Drilling, (Exclude exploratory drilling for water, minerals, oil & gas)                                                                                                                                                                                         | \$22.90                                                                     | \$2.96                                                                      |
| Floating Construction Equipment: Floating Crane (or "Derrick Barge"), Clamshell or Pile Driver used in conjunction with a construction project, Underwater Equipment Operator. (Excluding Dredging Operations, which is a separate classification - see "Dredging")                                                                          | See Appendix                                                                | See Appendix                                                                |
| Fork Lifts: Industrial Lift Truck Operator and Material Handler                                                                                                                                                                                                                                                                              | See Appendix                                                                | See Appendix                                                                |
| Front End Loaders, Hydraulic Hoes, Excavators                                                                                                                                                                                                                                                                                                | \$19.69                                                                     | \$4.42                                                                      |
| Guardrail Equipment: Guardrail Punch Operator (all types), Guardrail Punch Oiler, Combination Guardrail Machines, Punch, Auger, etc.)                                                                                                                                                                                                        | See Appendix                                                                | See Appendix                                                                |
| Repairmen, Heavy Duty (Mechanics, Welders) & Oilers                                                                                                                                                                                                                                                                                          | \$17.41                                                                     | \$4.80                                                                      |
| Sweepers                                                                                                                                                                                                                                                                                                                                     | \$17.24                                                                     | \$4.70                                                                      |
| Riggers                                                                                                                                                                                                                                                                                                                                      | Receive rate for craft performing operation to which rigging is incidental. | Receive rate for craft performing operation to which rigging is incidental. |
| Roofers: General Roofing Materials; Irritable Bituminous Materials                                                                                                                                                                                                                                                                           | See Appendix                                                                | See Appendix                                                                |
| Sheet Metal Duct Installers; Sheet Metal Workers                                                                                                                                                                                                                                                                                             | \$16.10                                                                     | \$5.86                                                                      |
| Sign Erectors                                                                                                                                                                                                                                                                                                                                | \$16.55                                                                     | \$1.52                                                                      |
| Sprinkler Fitters                                                                                                                                                                                                                                                                                                                            | See Appendix                                                                | See Appendix                                                                |
| Telephone and Data Cabling (Limited Energy Electricians)                                                                                                                                                                                                                                                                                     | See Appendix                                                                | See Appendix                                                                |
| Tenders to Mason Trades: Brick and Stonemasons                                                                                                                                                                                                                                                                                               | See Appendix                                                                | See Appendix                                                                |

REGION #1  
Clatsop, Columbia and Tillamook Counties

| OCCUPATION                                    | PREVAILING<br>WAGE RATE                                                     | FRINGE<br>RATE                                                              |
|-----------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Tenders to Plasterers and Stucco Masons       | See Appendix                                                                | See Appendix                                                                |
| Tile, Terrazzo, Brick and Marble Finisher     | See Appendix                                                                | See Appendix                                                                |
| Tile Setter/Terrazzo Worker: Hard Tile Setter | \$20.17                                                                     | \$4.24                                                                      |
| Tree Trimmers (Line Constructors)             | See Appendix                                                                | See Appendix                                                                |
| Truck Drivers, Heavy or Tractor-Trailer       | \$15.95                                                                     | \$3.92                                                                      |
| Welders (Incidental)                          | Receive rate for craft performing operation to which welding is incidental. | Receive rate for craft performing operation to which welding is incidental. |

REGION #2  
Clackamas, Multnomah and Washington Counties

| OCCUPATION                                                                                                                   | PREVAILING<br>WAGE RATE | FRINGE<br>RATE |
|------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| Asbestos Workers/Insulators                                                                                                  | See Appendix            | See Appendix   |
| Boilermakers                                                                                                                 | See Appendix            | See Appendix   |
| Bricklayers/Stonemasons                                                                                                      | See Appendix            | See Appendix   |
| Carpenters                                                                                                                   | See Appendix            | See Appendix   |
| Cement Masons                                                                                                                | See Appendix            | See Appendix   |
| Diver / Divers' Tender                                                                                                       | See Appendix            | See Appendix   |
| Dredging (Asst. Engineer, Asst. Mate, Fireman, Oilers, Operators, Tenderman)                                                 | See Appendix            | See Appendix   |
| Drywall Applicators (Drywall/Wetwall)                                                                                        | See Appendix            | See Appendix   |
| Drywall Taper (Painters and Drywall Tapers)                                                                                  | See Appendix            | See Appendix   |
| Electrician                                                                                                                  | See Appendix            | See Appendix   |
| Elevator Constructors, Installers and Mechanics                                                                              | See Appendix            | See Appendix   |
| Fence Constructor (not metal) (Laborers)                                                                                     | See Appendix            | See Appendix   |
| Fence Erector (metal) (Ironworkers)                                                                                          | \$13.89                 | \$2.71         |
| Floor Covering Layers (Soft Floor Layers)                                                                                    | See Appendix            | See Appendix   |
| Glaziers                                                                                                                     | See Appendix            | See Appendix   |
| Hazardous Materials Handler/Mechanic (Asbestos Workers)                                                                      | See Appendix            | See Appendix   |
| Highway and Parking Stripers                                                                                                 | See Appendix            | See Appendix   |
| Ironworkers (Structural & Reinforcing Metal Workers)                                                                         | See Appendix            | See Appendix   |
| Laborers and Material Movers (Hand); Flaggers                                                                                | See Appendix            | See Appendix   |
| Landscape Laborer/Technician                                                                                                 | \$12.32                 | \$1.84         |
| Lathers (Drywall/Wetwall)                                                                                                    | See Appendix            | See Appendix   |
| Limited Energy Electrician                                                                                                   | See Appendix            | See Appendix   |
| Line Construction (Excludes Tree Trimmers)                                                                                   | See Appendix            | See Appendix   |
| Marble Setters                                                                                                               | See Appendix            | See Appendix   |
| Millwrights; Machine Erectors; Machinists; Millwright/Welders (Carpenters)                                                   | See Appendix            | See Appendix   |
| Painter: Brush, Roller, Machine (spray and sandblasting)                                                                     | See Appendix            | See Appendix   |
| Plasterers and Stucco Masons, (Swinging Scaffold, Nozzlemen and All Other Work) (Plasterers)                                 | See Appendix            | See Appendix   |
| Plumbers and Steamfitters/Pipefitters (Plumbers)                                                                             | See Appendix            | See Appendix   |
| <b>Power Equipment Operators</b>                                                                                             |                         |                |
| Asphalt Paving Equipment: Asphalt Paver Operator, Asphalt Plant Operator, Roller Operator, Screed Operator (any asphalt mix) | See Appendix            | See Appendix   |
| Asphalt/Concrete Profilers: Roto-Mill, Pavement Profiler Operator, Concrete Planer, Grinder or Grooving Machine Operator     | See Appendix            | See Appendix   |
| Auxiliary Equipment: Compressors, Generators, Pumps                                                                          | \$20.05                 | \$5.11         |
| Blade: Blade/Grader Operator                                                                                                 | \$20.83                 | \$6.09         |

REGION #2

Clackamas, Multnomah and Washington Counties

| OCCUPATION                                                                                                                                                                                                                                                                                                                                                     | PREVAILING<br>WAGE RATE                                                           | FRINGE<br>RATE                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>Power Equipment Operators (Continued)</b>                                                                                                                                                                                                                                                                                                                   |                                                                                   |                                                                                   |
| Bulldozers, Rubber-Tired Scrapers, Material Haulers:<br>Bulldozer Operator, Rubber-Tired Scraper Operator,<br>and Material Haulers (including "Cat wagons", DJB's,<br>Volvos and other similar models)                                                                                                                                                         | \$20.15                                                                           | \$4.83                                                                            |
| Compactors/Roller Operator: (not asphalt)                                                                                                                                                                                                                                                                                                                      | \$16.81                                                                           | \$5.55                                                                            |
| Concrete: Batch Plant and or Wet Mix Operator,<br>Concrete Finishing Machine, Brooming, Tining or<br>Wire Mat Machine Operator, Concrete<br>Spreader/Placer Operator, Pump Operators (concrete<br>or grout), Concrete Slip Form Paving Machine (for<br>installing curbs/gutters, guardrails, and/or street<br>paving), Concrete Curing Equipment, Concrete Saw | See Appendix                                                                      | See Appendix                                                                      |
| Crane Operation: Hydraulic, Tower, Whirley, Lattice<br>Boom, Dragline & Clamshell, Signal Men                                                                                                                                                                                                                                                                  | See Appendix                                                                      | See Appendix                                                                      |
| Crushing: Crusher Plant Operator or Oiler                                                                                                                                                                                                                                                                                                                      | \$16.92                                                                           | \$4.18                                                                            |
| Drilling: Earth Boring Machine Operator (horizontal<br>& vertical), Directional Drilling, (Exclude exploratory<br>drilling for water, minerals, oil & gas)                                                                                                                                                                                                     | \$22.90                                                                           | \$2.96                                                                            |
| Floating Construction Equipment: Floating Crane (or<br>"Derrick Barge"), Clamshell or Pile Driver used in<br>conjunction with a construction project, Underwater<br>Equipment Operator. (Excluding Dredging<br>Operations, which is a separate classification - see<br>"Dredging")                                                                             | See Appendix                                                                      | See Appendix                                                                      |
| Fork Lifts: Industrial Lift Truck Operator and<br>Material Handler                                                                                                                                                                                                                                                                                             | See Appendix                                                                      | See Appendix                                                                      |
| Front End Loaders, Hydraulic Hoes, Excavators                                                                                                                                                                                                                                                                                                                  | \$20.73                                                                           | \$4.42                                                                            |
| Guardrail Equipment: Guardrail Punch Operator (all<br>types), Guardrail Punch Oiler, Combination Guardrail<br>Machines, Punch, Auger, etc)                                                                                                                                                                                                                     | See Appendix                                                                      | See Appendix                                                                      |
| Repairmen, Heavy Duty (Mechanics, Welders) &<br>Oilers                                                                                                                                                                                                                                                                                                         | \$18.70                                                                           | \$4.80                                                                            |
| Sweepers                                                                                                                                                                                                                                                                                                                                                       | \$17.24                                                                           | \$4.70                                                                            |
| Riggers                                                                                                                                                                                                                                                                                                                                                        | Receive rate for craft performing<br>operation to which rigging is<br>incidental. | Receive rate for craft performing<br>operation to which rigging is<br>incidental. |
| Roofers: General Roofing Materials; Irritable Biotuminous<br>Materials                                                                                                                                                                                                                                                                                         | See Appendix                                                                      | See Appendix                                                                      |
| Sheet Metal Duct Installers: Sheet Metal Workers                                                                                                                                                                                                                                                                                                               | See Appendix                                                                      | See Appendix                                                                      |
| Sign Erectors                                                                                                                                                                                                                                                                                                                                                  | \$16.55                                                                           | \$1.52                                                                            |
| Sprinkler Fitters                                                                                                                                                                                                                                                                                                                                              | See Appendix                                                                      | See Appendix                                                                      |
| Telephone and Data Cabling (Limited Energy Electricians)                                                                                                                                                                                                                                                                                                       | See Appendix                                                                      | See Appendix                                                                      |
| Tenders to Mason Trades: Brick and Stonemasons                                                                                                                                                                                                                                                                                                                 | See Appendix                                                                      | See Appendix                                                                      |
| Tenders to Plasterers and Stucco Masons                                                                                                                                                                                                                                                                                                                        | See Appendix                                                                      | See Appendix                                                                      |
| Tile, Terrazzo, Brick and Marble Finisher                                                                                                                                                                                                                                                                                                                      | See Appendix                                                                      | See Appendix                                                                      |

REGION #2  
Clackamas, Multnomah and Washington Counties

| OCCUPATION                                    | PREVAILING<br>WAGE RATE                                                           | FRINGE<br>RATE                                                                    |
|-----------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Tile Setter/Terrazzo Worker: Hard Tile Setter | \$20.17                                                                           | \$4.24                                                                            |
| Tree Trimmers (Line Constructors)             | See Appendix                                                                      | See Appendix                                                                      |
| Truck Drivers, Heavy or Tractor-Trailer       | \$15.95                                                                           | \$3.92                                                                            |
| Welders (Incidental)                          | Receive rate for craft performing<br>operation to which welding is<br>incidental. | Receive rate for craft performing<br>operation to which welding is<br>incidental. |

**REGION #3**  
**Polk, Marion and Yamhill Counties**

| OCCUPATION                                                                                                                                                                                    | PREVAILING<br>WAGE RATE | FRINGE<br>RATE |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| Asbestos Workers/Insulators                                                                                                                                                                   | See Appendix            | See Appendix   |
| Boilermakers                                                                                                                                                                                  | See Appendix            | See Appendix   |
| Bricklayers/Stonemasons                                                                                                                                                                       | \$22.75                 | \$6.42         |
| Carpenters                                                                                                                                                                                    | See Appendix            | See Appendix   |
| Cement Masons                                                                                                                                                                                 | See Appendix            | See Appendix   |
| Diver / Divers' Tender                                                                                                                                                                        | See Appendix            | See Appendix   |
| Dredging (Asst. Engineer, Asst. Mate, Fireman, Oilers, Operators, Tenderman)                                                                                                                  | See Appendix            | See Appendix   |
| Drywall (Acoustical & Drywall Applicator)                                                                                                                                                     | See Appendix            | See Appendix   |
| Drywall Taper/Lather                                                                                                                                                                          | \$18.77                 | \$5.92         |
| Electrician                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Elevator Constructors, Installers and Mechanics                                                                                                                                               | See Appendix            | See Appendix   |
| Fence Constructor (not metal) (Laborers)                                                                                                                                                      | \$16.23                 | \$5.36         |
| Fence Erector (metal) (Ironworkers)                                                                                                                                                           | \$13.89                 | \$2.71         |
| Floor Covering Layers (Soft Floor Layers)                                                                                                                                                     | See Appendix            | See Appendix   |
| Glaziers                                                                                                                                                                                      | See Appendix            | See Appendix   |
| Hazardous Materials Handler/Mechanic (Asbestos Workers)                                                                                                                                       | See Appendix            | See Appendix   |
| Highway and Parking Stripers                                                                                                                                                                  | See Appendix            | See Appendix   |
| Ironworkers (Structural & Reinforcing Metal Workers)                                                                                                                                          | See Appendix            | See Appendix   |
| Laborers and Material Movers (Hand); Flaggers                                                                                                                                                 | \$16.23                 | \$5.36         |
| Landscape Laborer/Technician                                                                                                                                                                  | \$12.32                 | \$1.84         |
| Limited Energy Electrician                                                                                                                                                                    | See Appendix            | See Appendix   |
| Line Construction (Excludes Tree Trimmers)                                                                                                                                                    | See Appendix            | See Appendix   |
| Marble Setters                                                                                                                                                                                | See Appendix            | See Appendix   |
| Millwrights; Machine Erectors; Machinists; Millwright/Welders (Carpenters)                                                                                                                    | \$15.46                 | \$3.28         |
| Painter: Brush, Roller, Machine (spray and sandblasting)                                                                                                                                      | \$14.93                 | \$3.04         |
| Plasterers and Stucco Masons, (Swinging Scaffold, Nozzle-men and All Other Work) (Plasterers)                                                                                                 | See Appendix            | See Appendix   |
| Plumbers and Steamfitters/Pipefitters (Plumbers)                                                                                                                                              | See Appendix            | See Appendix   |
| <b>Power Equipment Operators</b>                                                                                                                                                              |                         |                |
| Asphalt Paving Equipment: Asphalt Paver Operator, Asphalt Plant Operator, Roller Operator, Screed Operator (any asphalt mix)                                                                  | See Appendix            | See Appendix   |
| Asphalt/Concrete Profilers: Roto-Mill, Pavement Profiler Operator, Concrete Planer, Grinder or Grooving Machine Operator                                                                      | See Appendix            | See Appendix   |
| Auxiliary Equipment: Compressors, Generators, Pumps                                                                                                                                           | \$20.05                 | \$5.11         |
| Blade: Blade/Grader Operator                                                                                                                                                                  | \$20.83                 | \$6.09         |
| Bulldozers, Rubber-Tired Scrapers, Material Haulers: Bulldozer Operator, Rubber-Tired Scraper Operator, and Material Haulers (including "Cat wagons", DJB's, Volvos and other similar models) | \$20.15                 | \$4.83         |

REGION #3  
Polk, Marion and Yamhill Counties

| OCCUPATION                                                                                                                                                                                                                                                                                                                                   | PREVAILING<br>WAGE RATE                                                     | FRINGE<br>RATE                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>Power Equipment Operators (Continued)</b>                                                                                                                                                                                                                                                                                                 |                                                                             |                                                                             |
| Compactors/Roller Operator: (not asphalt)                                                                                                                                                                                                                                                                                                    | \$16.81                                                                     | \$5.55                                                                      |
| Concrete: Batch Plant and or Wet Mix Operator, Concrete Finishing Machine, Brooming, Tining or Wire Mat Machine Operator, Concrete Spreader/Placer Operator, Pump Operators (concrete or grout), Concrete Slip Form Paving Machine (for installing curbs/gutters, guardrails, and/or street paving), Concrete Curing Equipment, Concrete Saw | See Appendix                                                                | See Appendix                                                                |
| Crane Operation: Hydraulic, Tower, Whirley, Lattice Boom, Dragline & Clamshell, Signal Men                                                                                                                                                                                                                                                   | See Appendix                                                                | See Appendix                                                                |
| Crushing: Crusher Plant Operator or Oiler                                                                                                                                                                                                                                                                                                    | \$16.92                                                                     | \$4.18                                                                      |
| Drilling: Earth Boring Machine Operator (horizontal & vertical), Directional Drilling, (Exclude exploratory drilling for water, minerals, oil & gas)                                                                                                                                                                                         | \$15.02                                                                     | \$2.96                                                                      |
| Floating Construction Equipment: Floating Crane (or "Derrick Barge"), Clamshell or Pile Driver used in conjunction with a construction project, Underwater Equipment Operator. (Excluding Dredging Operations, which is a separate classification - see "Dredging")                                                                          | See Appendix                                                                | See Appendix                                                                |
| Fork Lifts: Industrial Lift Truck Operator and Material Handler                                                                                                                                                                                                                                                                              | See Appendix                                                                | See Appendix                                                                |
| Front End Loaders, Hydraulic Hoes, Excavators                                                                                                                                                                                                                                                                                                | \$19.69                                                                     | \$4.42                                                                      |
| Guardrail Equipment: Guardrail Punch Operator (all types), Guardrail Punch Oiler, Combination Guardrail Machines, Punch, Auger, etc)                                                                                                                                                                                                         | See Appendix                                                                | See Appendix                                                                |
| Repairmen, Heavy Duty (Mechanics, Welders) & Oilers                                                                                                                                                                                                                                                                                          | \$17.41                                                                     | \$4.80                                                                      |
| Sweepers                                                                                                                                                                                                                                                                                                                                     | \$17.24                                                                     | \$4.70                                                                      |
| Riggers                                                                                                                                                                                                                                                                                                                                      | Receive rate for craft performing operation to which rigging is incidental. | Receive rate for craft performing operation to which rigging is incidental. |
| Roofers: General Roofing Materials; Irritable Bituminous Materials                                                                                                                                                                                                                                                                           | See Appendix                                                                | See Appendix                                                                |
| Sheet Metal Duct Installers; Sheet Metal Workers                                                                                                                                                                                                                                                                                             | \$16.10                                                                     | \$5.86                                                                      |
| Sign Erectors                                                                                                                                                                                                                                                                                                                                | \$16.55                                                                     | \$1.52                                                                      |
| Sprinkler Fitters                                                                                                                                                                                                                                                                                                                            | See Appendix                                                                | See Appendix                                                                |
| Telephone and Data Cabling (Limited Energy Electricians)                                                                                                                                                                                                                                                                                     | See Appendix                                                                | See Appendix                                                                |
| Tenders to Mason Trades: Brick and Stonemasons                                                                                                                                                                                                                                                                                               | See Appendix                                                                | See Appendix                                                                |
| Tenders to Plasterers and Stucco Masons                                                                                                                                                                                                                                                                                                      | See Appendix                                                                | See Appendix                                                                |
| Tile, Terrazzo, Brick and Marble Finisher                                                                                                                                                                                                                                                                                                    | See Appendix                                                                | See Appendix                                                                |
| Tile Setter/Terrazzo Worker: Hard Tile Setter                                                                                                                                                                                                                                                                                                | \$20.17                                                                     | \$4.24                                                                      |
| Tree Trimmers (Line Constructors)                                                                                                                                                                                                                                                                                                            | See Appendix                                                                | See Appendix                                                                |
| Truck Drivers, Heavy or Tractor-Trailer                                                                                                                                                                                                                                                                                                      | \$15.95                                                                     | \$3.92                                                                      |
| Welders (Incidental)                                                                                                                                                                                                                                                                                                                         | Receive rate for craft performing operation to which welding is incidental. | Receive rate for craft performing operation to which welding is incidental. |



REGION #4  
Benton, Lincoln and Linn Counties

| OCCUPATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PREVAILING<br>WAGE RATE | FRINGE<br>RATE |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| Asbestos Workers/Insulators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Boilermakers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | See Appendix            | See Appendix   |
| Bricklayers/Stonemasons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | See Appendix            | See Appendix   |
| <b>Carpenters</b><br><br><b>Carpenter 1:</b> Auto Nailing Machine, Form Stripper, Floor Layers, Stationary Power Saw Operator<br><br><b>Carpenter 2:</b> Cabinet and shelving installers, Floor Finishers, Wall and Ceiling Insulators, Irritating Insulation.<br><br><b>Drywall/Acoustical Carpenters:</b> Ceiling tile installers and acoustical carpenters (exclude carpet, wood or hard tile installers); Drywall installer (apply plasterboard or other wallboard to ceilings and interior walls)<br><br><b>Marine Carpenters:</b> Bridge, dock and wharf builders, piledrivemen, boom men, marine piledrivers | \$19.32 (all)           | \$5.92 (all)   |
| Cement Masons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | See Appendix            | See Appendix   |
| Diver / Divers' Tender                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | See Appendix            | See Appendix   |
| Dredging (Asst. Engineer, Asst. Mate, Fireman, Oilers, Operators, Tenderman)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | See Appendix            | See Appendix   |
| Drywall Taper/Lather                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | \$18.77                 | \$5.92         |
| Electrician                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Elevator Constructors, Installers and Mechanics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | See Appendix            | See Appendix   |
| Fence Constructor (not metal)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | \$16.23                 | \$5.36         |
| Fence Erector (metal) (Ironworkers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | \$13.89                 | \$2.71         |
| Floor Covering Layers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | \$15.96                 | \$4.23         |
| Glaziers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | See Appendix            | See Appendix   |
| Hazardous Materials Handler/Mechanic (Asbestos Workers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | See Appendix            | See Appendix   |
| Highway and Parking Stripers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | See Appendix            | See Appendix   |
| Ironworkers (Structural & Reinforcing Metal Workers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | See Appendix            | See Appendix   |
| Laborers and Material Movers (Hand); Flaggers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | \$16.23                 | \$5.36         |
| Landscape Laborer/Technician                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | \$12.32                 | \$1.84         |
| Limited Energy Electrician                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix   |
| Line Construction (Excludes Tree Trimmer)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | See Appendix            | See Appendix   |
| Marble Setters                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | See Appendix            | See Appendix   |
| Millwrights; Machine Erectors; Machinists; Millwright/Welders                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | \$15.46                 | \$3.28         |
| Painter: Brush, Roller, Machine (spray and sandblasting)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | \$14.93                 | \$3.04         |

REGION #4

Benton, Lincoln and Linn Counties

| OCCUPATION                                                                                                                                                                                                                                                                                                                                   | PREVAILING<br>WAGE RATE                                                     | FRINGE<br>RATE                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Plasterers and Stucco Masons. (Swinging Scaffold, Nozzlemen and All Other Work) (Plasterers)                                                                                                                                                                                                                                                 | See Appendix                                                                | See Appendix                                                                |
| Plumbers and Steamfitters/Pipefitters (Plumbers)                                                                                                                                                                                                                                                                                             | See Appendix                                                                | See Appendix                                                                |
| <b>Power Equipment Operators</b>                                                                                                                                                                                                                                                                                                             |                                                                             |                                                                             |
| Asphalt Paving Equipment: Asphalt Paver Operator, Asphalt Plant Operator, Roller Operator, Screed Operator (any asphalt mix)                                                                                                                                                                                                                 | See Appendix                                                                | See Appendix                                                                |
| Asphalt/Concrete Profilers: Roto-Mill, Pavement Profiler Operator, Concrete Planer, Grinder or Grooving Machine Operator                                                                                                                                                                                                                     | See Appendix                                                                | See Appendix                                                                |
| Auxiliary Equipment: Compressors, Generators, Pumps                                                                                                                                                                                                                                                                                          | \$20.05                                                                     | \$5.11                                                                      |
| Blade: Blade/Grader Operator                                                                                                                                                                                                                                                                                                                 | \$20.83                                                                     | \$6.09                                                                      |
| Bulldozers, Rubber-Tired Scrapers, Material Haulers: Bulldozer Operator, Rubber-Tired Scraper Operator, and Material Haulers (including "Cat wagons", DJB's, Volvos and other similar models)                                                                                                                                                | \$20.15                                                                     | \$4.83                                                                      |
| Compactors/Roller Operator: (not asphalt)                                                                                                                                                                                                                                                                                                    | \$16.81                                                                     | \$5.55                                                                      |
| Concrete: Batch Plant and or Wet Mix Operator, Concrete Finishing Machine, Brooming, Tining or Wire Mat Machine Operator, Concrete Spreader/Placer Operator, Pump Operators (concrete or grout), Concrete Slip Form Paving Machine (for installing curbs/gutters, guardrails, and/or street paving), Concrete Curing Equipment, Concrete Saw | See Appendix                                                                | See Appendix                                                                |
| Crane Operation: Hydraulic, Tower, Whirley, Lattice Boom, Dragline & Clamshell. Signal Men                                                                                                                                                                                                                                                   | See Appendix                                                                | See Appendix                                                                |
| Crushing: Crusher Plant Operator or Oiler                                                                                                                                                                                                                                                                                                    | \$16.92                                                                     | \$4.18                                                                      |
| Drilling: Earth Boring Machine Operator (horizontal & vertical), Directional Drilling, (Exclude exploratory drilling for water, minerals, oil & gas)                                                                                                                                                                                         | \$15.02                                                                     | \$2.96                                                                      |
| Floating Construction Equipment: Floating Crane (or "Derrick Barge"), Clamshell or Pile Driver used in conjunction with a construction project, Underwater Equipment Operator. (Excluding Dredging Operations, which is a separate classification - see "Dredging")                                                                          | See Appendix                                                                | See Appendix                                                                |
| Fork Lifts: Industrial Lift Truck Operator and Material Handler                                                                                                                                                                                                                                                                              | See Appendix                                                                | See Appendix                                                                |
| Front End Loaders, Hydraulic Hoes, Excavators                                                                                                                                                                                                                                                                                                | \$19.69                                                                     | \$4.42                                                                      |
| Guardrail Equipment: Guardrail Punch Operator (all types), Guardrail Punch Oiler, Combination Guardrail Machines, Punch, Auger, etc)                                                                                                                                                                                                         | See Appendix                                                                | See Appendix                                                                |
| Repairmen. Heavy Duty (Mechanics, Welders) & Oilers                                                                                                                                                                                                                                                                                          | \$17.41                                                                     | \$4.80                                                                      |
| Sweepers                                                                                                                                                                                                                                                                                                                                     | \$17.24                                                                     | \$4.70                                                                      |
| Riggers                                                                                                                                                                                                                                                                                                                                      | Receive rate for craft performing operation to which rigging is incidental. | Receive rate for craft performing operation to which rigging is incidental. |

REGION #4  
Benton, Lincoln and Linn Counties

| OCCUPATION                                                         | PREVAILING<br>WAGE RATE                                                     | FRINGE<br>RATE                                                              |
|--------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Roofers: General Roofing Materials; Irritable Bituminous Materials | See Appendix                                                                | See Appendix                                                                |
| Sheet Metal Duct Installers; Sheet Metal Workers                   | \$16.10                                                                     | \$5.86                                                                      |
| Sign Erectors                                                      | \$16.55                                                                     | \$1.52                                                                      |
| Sprinkler Fitters                                                  | \$17.68                                                                     | \$5.17                                                                      |
| Telephone and Data Cabling (Limited Energy Electricians)           | See Appendix                                                                | See Appendix                                                                |
| Tenders to Mason Trades: Brick and Stonemasons                     | See Appendix                                                                | See Appendix                                                                |
| Tenders to Plasterers and Stucco Masons                            | See Appendix                                                                | See Appendix                                                                |
| Tile, Terrazzo, Brick and Marble Finisher                          | See Appendix                                                                | See Appendix                                                                |
| Tile Setter/Terrazzo Worker: Hard Tile Setter                      | \$20.17                                                                     | \$4.24                                                                      |
| Tree Trimmer                                                       | \$16.94                                                                     | \$5.04                                                                      |
| Truck Drivers, Heavy or Tractor-Trailer                            | \$15.95                                                                     | \$3.92                                                                      |
| Welders (Incidental)                                               | Receive rate for craft performing operation to which welding is incidental. | Receive rate for craft performing operation to which welding is incidental. |

REGION #5  
Lane County

| OCCUPATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PREVAILING<br>WAGE RATE | FRINGE<br>RATE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| Asbestos Workers/Insulators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix   |
| Boilermakers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Bricklayers/Stonemasons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | \$22.75                 | \$6.42         |
| <b>Carpenters</b><br><br><b>Carpenter 1:</b> Auto Nailing Machine, Form Stripper, Floor Layers, Stationary Power Saw Operator<br><br><b>Carpenter 2:</b> Cabinet and shelving installers, Floor Finishers, Wall and Ceiling Insulators, Irritating Insulation.<br><br><b>Drywall/Acoustical Carpenters:</b> Ceiling tile installers and acoustical carpenters (exclude carpet, wood or hard tile installers); Drywall installer (apply plasterboard or other wallboard to ceilings and interior walls)<br><br><b>Marine Carpenters:</b> Bridge, dock and wharf builders, piledrivermen, boom men, marine piledrivers | \$20.60 (all)           | \$5.92 (all)   |
| Cement Masons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | See Appendix            | See Appendix   |
| Diver / Divers' Tender                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | See Appendix            | See Appendix   |
| Dredging (Asst. Engineer, Asst. Mate, Fireman, Oilers, Operators, Tenderman)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Drywall Taper/Lather                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | \$18.77                 | \$5.92         |
| Electrician                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix   |
| Elevator Constructors, Installers and Mechanics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | See Appendix            | See Appendix   |
| Fence Constructor (not metal)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | \$16.23                 | \$5.36         |
| Fence Erector (metal) (Ironworkers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | \$13.89                 | \$2.71         |
| Floor Covering Layers (Soft tile, linoleum and carpet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | \$15.96                 | \$4.23         |
| Glaziers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | See Appendix            | See Appendix   |
| Hazardous Materials Handler/Mechanic (Asbestos Workers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | See Appendix            | See Appendix   |
| Highway and Parking Stripers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Ironworkers (Structural & Reinforcing Metal Workers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | See Appendix            | See Appendix   |
| Laborers and Material Movers (Hand); Flaggers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | \$16.23                 | \$5.36         |
| Landscape Laborer/Technician                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | \$12.32                 | \$1.84         |
| Limited Energy Electrician                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | See Appendix            | See Appendix   |
| Line Construction (Excluding Tree Trimmers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix   |
| Marble Setters                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | See Appendix            | See Appendix   |
| Millwrights; Machine Erectors; Machinists; Millwright/Welders                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | \$15.46                 | \$3.28         |
| Painter: Brush, Roller, Machine (spray and sandblasting)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | \$14.93                 | \$3.04         |

REGION #5  
Lane County

| OCCUPATION                                                                                                                                                                                                                                                                                                                                   | PREVAILING<br>WAGE RATE                                                     | FRINGE<br>RATE                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Plasterers and Stucco Masons, (Swinging Scaffold, Nozzlemen and All Other Work) (Plasterers)                                                                                                                                                                                                                                                 | See Appendix                                                                | See Appendix                                                                |
| Plumbers and Steamfitters/Pipefitters (Plumbers)                                                                                                                                                                                                                                                                                             | See Appendix                                                                | See Appendix                                                                |
| <b>Power Equipment Operators</b>                                                                                                                                                                                                                                                                                                             |                                                                             |                                                                             |
| Asphalt Paving Equipment: Asphalt Paver Operator, Asphalt Plant Operator, Roller Operator, Screed Operator (any asphalt mix)                                                                                                                                                                                                                 | See Appendix                                                                | See Appendix                                                                |
| Asphalt/Concrete Profilers: Roto-Mill, Pavement Profiler Operator, Concrete Planer, Grinder or Grooving Machine Operator                                                                                                                                                                                                                     | See Appendix                                                                | See Appendix                                                                |
| Auxiliary Equipment: Compressors, Generators, Pumps                                                                                                                                                                                                                                                                                          | \$20.05                                                                     | \$5.11                                                                      |
| Blade: Blade/Grader Operator                                                                                                                                                                                                                                                                                                                 | \$20.83                                                                     | \$6.09                                                                      |
| Bulldozers, Rubber-Tired Scrapers, Material Haulers: Bulldozer Operator, Rubber-Tired Scraper Operator, and Material Haulers (including "Cat wagons", DJB's, Volvos and other similar models)                                                                                                                                                | \$20.15                                                                     | \$4.83                                                                      |
| Compactors/Roller Operator: (not asphalt)                                                                                                                                                                                                                                                                                                    | \$16.81                                                                     | \$5.55                                                                      |
| Concrete: Batch Plant and or Wet Mix Operator, Concrete Finishing Machine, Brooming, Tining or Wire Mat Machine Operator, Concrete Spreader/Placer Operator, Pump Operators (concrete or grout), Concrete Slip Form Paving Machine (for installing curbs/gutters, guardrails, and/or street paving), Concrete Curing Equipment, Concrete Saw | See Appendix                                                                | See Appendix                                                                |
| Crane Operation: Hydraulic, Tower, Whirley, Lattice Boom, Dragline & Clamshell, Signal Men                                                                                                                                                                                                                                                   | See Appendix                                                                | See Appendix                                                                |
| Crushing: Crusher Plant Operator or Oiler                                                                                                                                                                                                                                                                                                    | \$16.92                                                                     | \$4.18                                                                      |
| Drilling: Earth Boring Machine Operator (horizontal & vertical), Directional Drilling, (Exclude exploratory drilling for water, minerals, oil & gas)                                                                                                                                                                                         | \$15.02                                                                     | \$2.96                                                                      |
| Floating Construction Equipment: Floating Crane (or "Derrick Barge"), Clamshell or Pile Driver used in conjunction with a construction project, Underwater Equipment Operator. (Excluding Dredging Operations, which is a separate classification - see "Dredging")                                                                          | See Appendix                                                                | See Appendix                                                                |
| Fork Lifts: Industrial Lift Truck Operator and Material Handler                                                                                                                                                                                                                                                                              | See Appendix                                                                | See Appendix                                                                |
| Front End Loaders, Hydraulic Hoes, Excavators                                                                                                                                                                                                                                                                                                | \$19.69                                                                     | \$4.42                                                                      |
| Guardrail Equipment: Guardrail Punch Operator (all types), Guardrail Punch Oiler, Combination Guardrail Machines, Punch, Auger, etc)                                                                                                                                                                                                         | See Appendix                                                                | See Appendix                                                                |
| Repairmen, Heavy Duty (Mechanics, Welders) & Oilers                                                                                                                                                                                                                                                                                          | \$17.41                                                                     | \$4.80                                                                      |
| Sweepers                                                                                                                                                                                                                                                                                                                                     | \$17.24                                                                     | \$4.70                                                                      |
| Riggers                                                                                                                                                                                                                                                                                                                                      | Receive rate for craft performing operation to which rigging is incidental. | Receive rate for craft performing operation to which rigging is incidental. |

REGION #5  
Lane County

| OCCUPATION                                                         | PREVAILING<br>WAGE RATE                                                     | FRINGE<br>RATE                                                              |
|--------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Roofers: General Roofing Materials; Irritable Bituminous Materials | See Appendix                                                                | See Appendix                                                                |
| Sheet Metal Duct Installers; Sheet Metal Workers                   | See Appendix                                                                | See Appendix                                                                |
| Sign Erectors                                                      | \$16.55                                                                     | \$1.52                                                                      |
| Sprinkler Fitters                                                  | \$17.68                                                                     | \$5.17                                                                      |
| Telephone and Data Cabling (Limited Energy Electricians)           | See Appendix                                                                | See Appendix                                                                |
| Tenders to Mason Trades: Brick and Stonemasons                     | See Appendix                                                                | See Appendix                                                                |
| Tenders to Plasterers and Stucco Masons                            | See Appendix                                                                | See Appendix                                                                |
| Tile, Terrazzo, Brick and Marble Finisher                          | See Appendix                                                                | See Appendix                                                                |
| Tile Setter/Terrazzo Worker: Hard Tile Setter                      | \$20.17                                                                     | \$4.24                                                                      |
| Tree Trimmers                                                      | \$16.94                                                                     | \$5.04                                                                      |
| Truck Drivers, Heavy or Tractor-Trailer                            | \$15.95                                                                     | \$3.92                                                                      |
| Welders (Incidental)                                               | Receive rate for craft performing operation to which welding is incidental. | Receive rate for craft performing operation to which welding is incidental. |

REGION #6  
Douglas County

| OCCUPATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PREVAILING<br>WAGE RATE | FRINGE<br>RATE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| Asbestos Workers/Insulators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix   |
| Boilermakers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Bricklayers/Stonemasons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | \$22.75                 | \$6.42         |
| <b>Carpenters</b><br><br><b>Carpenter 1:</b> Auto Nailing Machine, Form Stripper, Floor Layers, Stationary Power Saw Operator<br><br><b>Carpenter 2:</b> Cabinet and shelving installers, Floor Finishers, Wall and Ceiling Insulators, Irritating Insulation.<br><br><b>Drywall/Acoustical Carpenters:</b> Ceiling tile installers and acoustical carpenters (exclude carpet, wood or hard tile installers); Drywall installer (apply plasterboard or other wallboard to ceilings and interior walls)<br><br><b>Marine Carpenters:</b> Bridge, dock and wharf builders, piledrivermen, boom men, marine piledrivers | \$19.32 (all)           | \$5.92 (all)   |
| <b>Cement Masons</b><br><br>Cement Masons, finishing, hand chipping, patching, grouting, end pointing, screed setting, plugging, filling bolt holes, dry packing, setting curb forms, plants, stakes, lines and grades.<br><br>Composition Workers, includes installation of epoxy and other resinous toppings, and Power Machine Operators<br><br>Cement Masons working on suspended, swinging and/or hanging scaffold                                                                                                                                                                                              | \$20.00                 | \$6.88         |
| Diver / Divers' Tender                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | See Appendix            | See Appendix   |
| Dredging (Asst. Engineer, Asst Mate, Fireman, Oilers, Operators, Tenderman)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix   |
| Drywall Taper/Lather                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | \$18.77                 | \$5.92         |
| Electrician                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix   |
| Elevator Constructors, Installers and Mechanics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | See Appendix            | See Appendix   |
| Fence Constructor (not metal) (Laborers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | See Appendix            | See Appendix   |
| Fence Erector (metal) (Ironworkers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | \$13.89                 | \$2.71         |
| Floor Covering Layers (Soft tile, linoleum and carpet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | \$15.96                 | \$4.23         |
| Glaziers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | \$19.73                 | \$5.83         |
| Hazardous Materials Handler/Mechanic (Asbestos Workers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | See Appendix            | See Appendix   |
| Highway and Parking Stripers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Ironworkers (Structural & Reinforcing Metal Workers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | See Appendix            | See Appendix   |

REGION #6  
Douglas County

| OCCUPATION                                                                                                                                                                                                                                                                                                                                                        | PREVAILING<br>WAGE RATE | FRINGE<br>RATE |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| Laborers and Material Movers (Hand); Flaggers                                                                                                                                                                                                                                                                                                                     | See Appendix            | See Appendix   |
| Landscape Laborer/Technician                                                                                                                                                                                                                                                                                                                                      | \$12.32                 | \$1.84         |
| Limited Energy Electrician                                                                                                                                                                                                                                                                                                                                        | See Appendix            | See Appendix   |
| Line Construction (Excluding Tree Trimmers)                                                                                                                                                                                                                                                                                                                       | See Appendix            | See Appendix   |
| Marble Setters                                                                                                                                                                                                                                                                                                                                                    | See Appendix            | See Appendix   |
| Millwrights; Machine Erectors; Machinists;<br>Millwright/Welders                                                                                                                                                                                                                                                                                                  | \$15.46                 | \$3.28         |
| Painter: Brush, Roller, Machine (spray and<br>sandblasting)                                                                                                                                                                                                                                                                                                       | \$14.93                 | \$3.04         |
| Plasterers and Stucco Masons, (Swinging Scaffold,<br>Nozzlemen and All Other Work) (Plasterers)                                                                                                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Plumbers and Steamfitters/Pipefitters (Plumbers)                                                                                                                                                                                                                                                                                                                  | See Appendix            | See Appendix   |
| <b>Power Equipment Operators</b>                                                                                                                                                                                                                                                                                                                                  |                         |                |
| Asphalt Paving Equipment: Asphalt Paver<br>Operator, Asphalt Plant Operator, Roller<br>Operator, Screed Operator (any asphalt mix)                                                                                                                                                                                                                                | See Appendix            | See Appendix   |
| Asphalt/Concrete Profilers: Roto-Mill, Pavement<br>Profiler Operator, Concrete Planer, Grinder or<br>Grooving Machine Operator                                                                                                                                                                                                                                    | See Appendix            | See Appendix   |
| Auxiliary Equipment: Compressors, Generators,<br>Pumps                                                                                                                                                                                                                                                                                                            | \$20.05                 | \$5.11         |
| Blade: Blade/Grader Operator                                                                                                                                                                                                                                                                                                                                      | See Appendix            | See Appendix   |
| Bulldozers, Rubber-Tired Scrapers, Material<br>Haulers: Bulldozer Operator, Rubber-Tired<br>Scraper Operator, and Material Haulers<br>(including "Cat wagons", DJB's, Volvos and<br>other similar models)                                                                                                                                                         | \$17.29                 | \$4.83         |
| Compactors/Roller Operator: (not asphalt)                                                                                                                                                                                                                                                                                                                         | \$16.81                 | \$5.55         |
| Concrete: Batch Plant and or Wet Mix Operator,<br>Concrete Finishing Machine, Brooming, Tining<br>or Wire Mat Machine Operator, Concrete<br>Spreader/Placer Operator, Pump Operators<br>(concrete or grout), Concrete Slip Form Paving<br>Machine (for installing curbs/gutters, guardrails,<br>and/or street paving), Concrete Curing<br>Equipment, Concrete Saw | See Appendix            | See Appendix   |
| Crane Operation: Hydraulic, Tower, Whirley,<br>Lattice Boom, Dragline & Clamshell, Signal<br>Men                                                                                                                                                                                                                                                                  | See Appendix            | See Appendix   |
| Crushing: Crusher Plant Operator or Oiler                                                                                                                                                                                                                                                                                                                         | \$16.92                 | \$4.18         |
| Drilling: Earth Boring Machine Operator<br>(horizontal & vertical), Directional Drilling,<br>(Exclude exploratory drilling for water, minerals,<br>oil & gas)                                                                                                                                                                                                     | \$15.02                 | \$2.96         |



REGION #6  
Douglas County

| OCCUPATION                                                                                                                                                                                                                                                          | PREVAILING<br>WAGE RATE                                                     | FRINGE<br>RATE                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>Power Equipment Operators (Continued)</b>                                                                                                                                                                                                                        |                                                                             |                                                                             |
| Floating Construction Equipment: Floating Crane (or "Derrick Barge"), Clamshell or Pile Driver used in conjunction with a construction project, Underwater Equipment Operator. (Excluding Dredging Operations, which is a Separate classification – see "Dredging") | See Appendix                                                                | See Appendix                                                                |
| Fork Lifts: Industrial Lift Truck Operator and Material Handler                                                                                                                                                                                                     | See Appendix                                                                | See Appendix                                                                |
| Front End Loaders, Hydraulic Hoes, Excavators                                                                                                                                                                                                                       | \$19.69                                                                     | \$4.42                                                                      |
| Guardrail Equipment: Guardrail Punch Operator (all types), Guardrail Punch Oiler, Combination Guardrail Machines, Punch, Auger, etc)                                                                                                                                | See Appendix                                                                | See Appendix                                                                |
| Repairmen, Heavy Duty (Mechanics, Welders) & Oilers                                                                                                                                                                                                                 | \$17.41                                                                     | \$4.80                                                                      |
| Sweepers                                                                                                                                                                                                                                                            | \$17.24                                                                     | \$4.70                                                                      |
| Riggers                                                                                                                                                                                                                                                             | Receive rate for craft performing operation to which rigging is incidental. | Receive rate for craft performing operation to which rigging is incidental. |
| Roofers: General Roofing Materials; Irritable Bituminous Materials                                                                                                                                                                                                  | See Appendix                                                                | See Appendix                                                                |
| Sheet Metal Duct Installers; Sheet Metal Workers                                                                                                                                                                                                                    | \$16.10                                                                     | \$5.86                                                                      |
| Sign Erectors                                                                                                                                                                                                                                                       | \$16.55                                                                     | \$1.52                                                                      |
| Sprinkler Fitters                                                                                                                                                                                                                                                   | See Appendix                                                                | See Appendix                                                                |
| Telephone and Data Cabling (Limited Energy Electricians)                                                                                                                                                                                                            | See Appendix                                                                | See Appendix                                                                |
| Tenders to Mason Trades: Brick and Stonemasons                                                                                                                                                                                                                      | See Appendix                                                                | See Appendix                                                                |
| Tenders to Plasterers and Stucco Masons                                                                                                                                                                                                                             | See Appendix                                                                | See Appendix                                                                |
| Tile, Terrazzo, Brick and Marble Finisher                                                                                                                                                                                                                           | See Appendix                                                                | See Appendix                                                                |
| Tile Setter/Terrazzo Worker: Hard Tile Setter                                                                                                                                                                                                                       | \$20.17                                                                     | \$4.24                                                                      |
| Tree Trimmers                                                                                                                                                                                                                                                       | \$16.94                                                                     | \$5.04                                                                      |
| Truck Drivers, Heavy or Tractor-Trailer                                                                                                                                                                                                                             | \$15.95                                                                     | \$3.92                                                                      |
| Welders (Incidental)                                                                                                                                                                                                                                                | Receive rate for craft performing operation to which welding is incidental. | Receive rate for craft performing operation to which welding is incidental. |

REGION #7  
Coos and Curry Counties

| OCCUPATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PREVAILING<br>WAGE RATE | FRINGE<br>RATE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| Asbestos Workers/Insulators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix   |
| Boilermakers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Bricklayers/Stonemasons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | \$22.75                 | \$6.42         |
| <b>Carpenters</b><br><br><b>Carpenter 1:</b> Auto Nailing Machine, Form Stripper, Floor Layers, Stationary Power Saw Operator<br><br><b>Carpenter 2:</b> Cabinet and shelving installers, Floor Finishers, Wall and Ceiling Insulators, Irritating Insulation.<br><br><b>Drywall/Acoustical Carpenters:</b> Ceiling tile installers and acoustical carpenters (exclude carpet, wood or hard tile installers); Drywall installer (apply plasterboard or other wallboard to ceilings and interior walls)<br><br><b>Marine Carpenters:</b> Bridge, dock and wharf builders, piledrivermen, boom men, marine piledrivers | \$19.32 (all)           | \$5.92 (all)   |
| <b>Cement Masons</b><br><br>Cement Masons, finishing, hand chipping, patching, grouting, end pointing, screed setting, plugging, filling bolt holes, dry packing, setting curb forms, plants, stakes, lines and grades. Grinding of concrete done as preparatory to patching or when done to produce a finished concrete product.<br><br>Composition Workers, includes installation of epoxy and other resinous toppings, and Power Machine Operators<br><br>Cement Masons working on suspended, swinging and/or hanging scaffold                                                                                    | \$20.00                 | \$6.88         |
| Diver / Divers' Tender                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | See Appendix            | See Appendix   |
| Dredging (Asst. Engineer, Asst. Mate, Fireman, Oilers, Operators, Tenderman)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Drywall Taper/Lather                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | \$18.77                 | \$5.92         |
| Electrician                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix   |
| Elevator Constructors, Installers and Mechanics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | See Appendix            | See Appendix   |
| Fence Constructor (not metal)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | \$16.23                 | \$5.36         |
| Fence Erector (metal) (Ironworkers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | \$13.89                 | \$2.71         |
| Floor Covering Layers (Soft tile, linoleum and carpet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | \$15.96                 | \$4.23         |
| Glaziers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | \$19.73                 | \$5.83         |
| Hazardous Materials Handler/Mechanic (Asbestos Workers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | See Appendix            | See Appendix   |
| Highway and Parking Stripers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |

REGION #7  
Coos and Curry Counties

| OCCUPATION                                                                                                                                                                                                                                                                                                                                   | PREVAILING<br>WAGE RATE | FRINGE<br>RATE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| Ironworkers (Structural & Reinforcing Metal Workers)                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Laborers and Material Movers (Hand); Flaggers                                                                                                                                                                                                                                                                                                | \$16.23                 | \$5.36         |
| Landscape Laborer/Technician                                                                                                                                                                                                                                                                                                                 | \$12.32                 | \$1.84         |
| Limited Energy Electrician                                                                                                                                                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Line Construction (Excluding Tree Trimmers)                                                                                                                                                                                                                                                                                                  | See Appendix            | See Appendix   |
| Marble Setters                                                                                                                                                                                                                                                                                                                               | See Appendix            | See Appendix   |
| Millwrights: Machine Erectors; Machinists; Millwright/Welders                                                                                                                                                                                                                                                                                | \$15.46                 | \$3.28         |
| Painter: Brush, Roller, Machine (spray and sandblasting)                                                                                                                                                                                                                                                                                     | \$14.93                 | \$3.04         |
| Plasterers and Stucco Masons, (Swinging Scaffold, Nozzlemen and All Other Work) (Plasterers)                                                                                                                                                                                                                                                 | See Appendix            | See Appendix   |
| Plumbers and Steamfitters/Pipefitters (Plumbers)                                                                                                                                                                                                                                                                                             | See Appendix            | See Appendix   |
| <b>Power Equipment Operators</b>                                                                                                                                                                                                                                                                                                             |                         |                |
| Asphalt Paving Equipment: Asphalt Paver Operator, Asphalt Plant Operator, Roller Operator, Screed Operator (any asphalt mix)                                                                                                                                                                                                                 | See Appendix            | See Appendix   |
| Asphalt/Concrete Profilers: Roto-Mill, Pavement Profiler Operator, Concrete Planer, Grinder or Grooving Machine Operator                                                                                                                                                                                                                     | See Appendix            | See Appendix   |
| Auxiliary Equipment: Compressors, Generators, Pumps                                                                                                                                                                                                                                                                                          | \$20.05                 | \$5.11         |
| Blade: Blade/Grader Operator                                                                                                                                                                                                                                                                                                                 | \$20.83                 | \$6.09         |
| Bulldozers, Rubber-Tired Scrapers, Material Haulers: Bulldozer Operator, Rubber-Tired Scraper Operator, and Material Haulers (including "Cat wagons", DJB's, Volvos and other similar models)                                                                                                                                                | \$17.29                 | \$4.83         |
| Compactors/Roller Operator: (not asphalt)                                                                                                                                                                                                                                                                                                    | \$16.81                 | \$5.55         |
| Concrete: Batch Plant and or Wet Mix Operator, Concrete Finishing Machine, Brooming, Tining or Wire Mat Machine Operator, Concrete Spreader/Placer Operator, Pump Operators (concrete or grout), Concrete Slip Form Paving Machine (for installing curbs/gutters, guardrails, and/or street paving), Concrete Curing Equipment, Concrete Saw | See Appendix            | See Appendix   |
| Crane Operation: Hydraulic, Tower, Whirley, Lattice Boom, Dragline & Clamshell, Signal Men                                                                                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Crushing: Crusher Plant Operator or Oiler                                                                                                                                                                                                                                                                                                    | \$16.92                 | \$4.18         |
| Drilling: Earth Boring Machine Operator (horizontal & vertical), Directional Drilling, (Exclude exploratory drilling for water, minerals, oil & gas)                                                                                                                                                                                         | \$15.02                 | \$2.96         |

REGION #7  
Coos and Curry Counties

| OCCUPATION                                                                                                                                                                                                                                                          | PREVAILING<br>WAGE RATE                                                     | FRINGE<br>RATE                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>Power Equipment Operators (Continued)</b>                                                                                                                                                                                                                        |                                                                             |                                                                             |
| Floating Construction Equipment: Floating Crane (or "Derrick Barge"), Clamshell or Pile Driver used in conjunction with a construction project, Underwater Equipment Operator. (Excluding Dredging Operations, which is a separate classification - see "Dredging") | See Appendix                                                                | See Appendix                                                                |
| Fork Lifts: Industrial Lift Truck Operator and Material Handler                                                                                                                                                                                                     | See Appendix                                                                | See Appendix                                                                |
| Front End Loaders, Hydraulic Hoes, Excavators                                                                                                                                                                                                                       | \$19.69                                                                     | \$4.42                                                                      |
| Guardrail Equipment: Guardrail Punch Operator (all types), Guardrail Punch Oiler, Combination Guardrail Machines, Punch, Auger, etc)                                                                                                                                | See Appendix                                                                | See Appendix                                                                |
| Repairmen, Heavy Duty (Mechanics, Welders) & Oilers                                                                                                                                                                                                                 | \$17.41                                                                     | \$4.80                                                                      |
| Sweepers                                                                                                                                                                                                                                                            | \$17.24                                                                     | \$4.70                                                                      |
| Riggers                                                                                                                                                                                                                                                             | Receive rate for craft performing operation to which rigging is incidental. | Receive rate for craft performing operation to which rigging is incidental. |
| Roofers: General Roofing Materials; Irritable Bituminous Materials                                                                                                                                                                                                  | \$15.28                                                                     | \$4.54                                                                      |
| Sheet Metal Duct Installers; Sheet Metal Workers                                                                                                                                                                                                                    | \$16.10                                                                     | \$5.86                                                                      |
| Sign Erectors                                                                                                                                                                                                                                                       | \$16.55                                                                     | \$1.52                                                                      |
| Sprinkler Fitters                                                                                                                                                                                                                                                   | See Appendix                                                                | See Appendix                                                                |
| Telephone and Data Cabling (Limited Energy Electricians)                                                                                                                                                                                                            | See Appendix                                                                | See Appendix                                                                |
| Tenders to Mason Trades: Brick and Stonemasons                                                                                                                                                                                                                      | See Appendix                                                                | See Appendix                                                                |
| Tenders to Plasterers and Stucco Masons                                                                                                                                                                                                                             | See Appendix                                                                | See Appendix                                                                |
| Tile, Terrazzo, Brick and Marble Finisher                                                                                                                                                                                                                           | See Appendix                                                                | See Appendix                                                                |
| Tile Setter/Terrazzo Worker: Hard Tile Setter                                                                                                                                                                                                                       | \$20.17                                                                     | \$4.24                                                                      |
| Tree Trimmers                                                                                                                                                                                                                                                       | \$16.94                                                                     | \$5.04                                                                      |
| Truck Drivers, Heavy or Tractor-Trailer                                                                                                                                                                                                                             | \$15.95                                                                     | \$3.92                                                                      |
| Welders (Incidental)                                                                                                                                                                                                                                                | Receive rate for craft performing operation to which welding is incidental. | Receive rate for craft performing operation to which welding is incidental. |

REGION #8  
Jackson and Josephine Counties

| OCCUPATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PREVAILING<br>WAGE RATE | FRINGE<br>RATE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| Asbestos Workers/Insulators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix   |
| Boilermakers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Bricklayers/Stonemasons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | \$22.75                 | \$6.42         |
| <b>Carpenters</b><br><br><b>Carpenter 1:</b> Auto Nailing Machine, Form Stripper, Floor Layers, Stationary Power Saw Operator<br><br><b>Carpenter 2:</b> Cabinet and shelving installers, Floor Finishers, Wall and Ceiling Insulators, Irritating Insulation.<br><br><b>Drywall/Acoustical Carpenters:</b> Ceiling tile installers and acoustical carpenters (exclude carpet, wood or hard tile installers); Drywall installer (apply plasterboard or other wallboard to ceilings and interior walls)<br><br><b>Marine Carpenters:</b> Bridge, dock and wharf builders, piledrivermen, boom men, marine piledrivers | \$19.32 (all)           | \$5.92 (all)   |
| <b>Cement Masons</b><br><br>Cement Masons, finishing, hand chipping, patching, grouting, end pointing, screed setting, plugging, filling bolt holes, dry packing, setting curb forms, plants, stakes, lines and grades. Grinding of concrete done as preparatory to patching or when done to produce a finished concrete product.<br><br>Composition Workers, includes installation of epoxy and other resinous toppings, and Power Machine Operators<br><br>Cement Masons working on suspended, swinging and/or hanging scaffold                                                                                    | \$20.00                 | \$6.88         |
| Diver / Divers' Tender                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | See Appendix            | See Appendix   |
| Dredging (Asst. Engineer, Asst. Mate, Fireman, Oilers, Operators, Tenderman)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Drywall Taper/Lather                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | \$18.77                 | \$5.92         |
| Electrician                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix   |
| Elevator Constructors, Installers and Mechanics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | See Appendix            | See Appendix   |
| Fence Constructor (not metal)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | \$16.23                 | \$5.36         |
| Fence Erector (metal) (Ironworkers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | \$13.89                 | \$2.71         |
| Floor Covering Layers (Soft tile, linoleum and carpet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | \$15.96                 | \$4.23         |
| Glaziers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | \$19.73                 | \$5.83         |
| Hazardous Materials Handler/Mechanic (Asbestos Workers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | See Appendix            | See Appendix   |
| Highway and Parking Strippers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | See Appendix            | See Appendix   |

**REGION #8**  
**Jackson and Josephine Counties**

| OCCUPATION                                                                                                                                                                                                                                                                                                                                   | PREVAILING<br>WAGE RATE | FRINGE<br>RATE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| Ironworkers (Structural & Reinforcing Metal Workers)                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Laborers and Material Movers (Hand); Flaggers                                                                                                                                                                                                                                                                                                | \$16.23                 | \$5.36         |
| Landscape Laborer/Technician                                                                                                                                                                                                                                                                                                                 | \$12.32                 | \$1.84         |
| Limited Energy Electrician                                                                                                                                                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Line Construction (Excludes Tree Trimmers)                                                                                                                                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Marble Setters                                                                                                                                                                                                                                                                                                                               | See Appendix            | See Appendix   |
| Millwrights; Machine Erectors; Machinists; Millwright/Welders                                                                                                                                                                                                                                                                                | \$15.46                 | \$3.28         |
| Painter: Brush, Roller, Machine (spray and sandblasting)                                                                                                                                                                                                                                                                                     | \$14.93                 | \$3.04         |
| Plasterers and Stucco Masons, (Swinging Scaffold, Nozzlemen and All Other Work) (Plasterers)                                                                                                                                                                                                                                                 | See Appendix            | See Appendix   |
| Plumbers and Steamfitters/Pipefitters (Plumbers)                                                                                                                                                                                                                                                                                             | See Appendix            | See Appendix   |
| <b>Power Equipment Operators</b>                                                                                                                                                                                                                                                                                                             |                         |                |
| Asphalt Paving Equipment: Asphalt Paver Operator, Asphalt Plant Operator, Roller Operator, Screed Operator (any asphalt mix)                                                                                                                                                                                                                 | See Appendix            | See Appendix   |
| Asphalt/Concrete Profilers: Roto-Mill, Pavement Profiler Operator, Concrete Planer, Grinder or Grooving Machine Operator                                                                                                                                                                                                                     | See Appendix            | See Appendix   |
| Auxiliary Equipment: Compressors, Generators, Pumps                                                                                                                                                                                                                                                                                          | \$20.05                 | \$5.11         |
| Blade: Blade/Grader Operator                                                                                                                                                                                                                                                                                                                 | \$20.83                 | \$6.09         |
| Bulldozers, Rubber-Tired Scrapers, Material Haulers: Bulldozer Operator, Rubber-Tired Scraper Operator, and Material Haulers (including "Cat wagons", DJB's, Volvos and other similar models)                                                                                                                                                | \$17.29                 | \$4.83         |
| Compactors/Roller Operator: (not asphalt)                                                                                                                                                                                                                                                                                                    | \$16.81                 | \$5.55         |
| Concrete: Batch Plant and or Wet Mix Operator, Concrete Finishing Machine, Brooming, Tining or Wire Mat Machine Operator, Concrete Spreader/Placer Operator, Pump Operators (concrete or grout), Concrete Slip Form Paving Machine (for installing curbs/gutters, guardrails, and/or street paving), Concrete Curing Equipment, Concrete Saw | See Appendix            | See Appendix   |
| Crane Operation: Hydraulic, Tower, Whirley, Lattice Boom, Dragline & Clamshell, Signal Men                                                                                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Crushing: Crusher Plant Operator or Oiler                                                                                                                                                                                                                                                                                                    | \$16.92                 | \$4.18         |
| Drilling: Earth Boring Machine Operator (horizontal & vertical), Directional Drilling, (Exclude exploratory drilling for water, minerals, oil & gas)                                                                                                                                                                                         | \$15.02                 | \$2.96         |

**REGION #8**

**Jackson and Josephine Counties**

| OCCUPATION                                                                                                                                                                                                                                                          | PREVAILING<br>WAGE RATE                                                     | FRINGE<br>RATE                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>Power Equipment Operators (Continued)</b>                                                                                                                                                                                                                        |                                                                             |                                                                             |
| Floating Construction Equipment: Floating Crane (or "Derrick Barge"), Clamshell or Pile Driver used in conjunction with a construction project, Underwater Equipment Operator. (Excluding Dredging Operations, which is a separate classification - see "Dredging") | See Appendix                                                                | See Appendix                                                                |
| Fork Lifts: Industrial Lift Truck Operator and Material Handler                                                                                                                                                                                                     | See Appendix                                                                | See Appendix                                                                |
| Front End Loaders, Hydraulic Hoes, Excavators                                                                                                                                                                                                                       | \$19.69                                                                     | \$4.42                                                                      |
| Guardrail Equipment: Guardrail Punch Operator (all types), Guardrail Punch Oiler, Combination Guardrail Machines, Punch, Auger, etc)                                                                                                                                | See Appendix                                                                | See Appendix                                                                |
| Repairmen, Heavy Duty (Mechanics, Welders) & Oilers                                                                                                                                                                                                                 | \$17.41                                                                     | \$4.80                                                                      |
| Sweepers                                                                                                                                                                                                                                                            | \$17.24                                                                     | \$4.70                                                                      |
| Riggers                                                                                                                                                                                                                                                             | Receive rate for craft performing operation to which rigging is incidental. | Receive rate for craft performing operation to which rigging is incidental. |
| Roofers: General Roofing Materials; Irritable Bituminous Materials                                                                                                                                                                                                  | \$15.28                                                                     | \$4.54                                                                      |
| Sheet Metal Duct Installers: Sheet Metal Workers                                                                                                                                                                                                                    | \$16.10                                                                     | \$5.86                                                                      |
| Sign Erectors                                                                                                                                                                                                                                                       | \$16.55                                                                     | \$1.52                                                                      |
| Sprinkler Fitters                                                                                                                                                                                                                                                   | See Appendix                                                                | See Appendix                                                                |
| Telephone and Data Cabling (Limited Energy Electricians)                                                                                                                                                                                                            | See Appendix                                                                | See Appendix                                                                |
| Tenders to Mason Trades: Brick and Stonemasons                                                                                                                                                                                                                      | See Appendix                                                                | See Appendix                                                                |
| Tenders to Plasterers and Stucco Masons                                                                                                                                                                                                                             | See Appendix                                                                | See Appendix                                                                |
| Tile, Terrazzo, Brick and Marble Finisher                                                                                                                                                                                                                           | See Appendix                                                                | See Appendix                                                                |
| Tile Setter/Terrazzo Worker: Hard Tile Setter                                                                                                                                                                                                                       | \$20.17                                                                     | \$4.24                                                                      |
| Tree Trimmers                                                                                                                                                                                                                                                       | \$16.94                                                                     | \$5.04                                                                      |
| Truck Drivers, Heavy or Tractor-Trailer                                                                                                                                                                                                                             | \$15.95                                                                     | \$3.92                                                                      |
| Welders (Incidental)                                                                                                                                                                                                                                                | Receive rate for craft performing operation to which welding is incidental. | Receive rate for craft performing operation to which welding is incidental. |

REGION #9  
Hood River, Sherman and Wasco Counties

| OCCUPATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PREVAILING<br>WAGE RATE | FRINGE<br>RATE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| Asbestos Workers/Insulators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix   |
| Boilermakers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Bricklayers/Stonemasons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | See Appendix            | See Appendix   |
| <b>Carpenters</b><br><br><b>Carpenter 1:</b> Auto Nailing Machine, Form Stripper. Floor Layers, Stationary Power Saw Operator<br><br><b>Carpenter 2:</b> Cabinet and shelving installers, Floor Finishers, Wall and Ceiling Insulators, Irritating Insulation.<br><br><b>Drywall/Acoustical Carpenters:</b> Ceiling tile installers and acoustical carpenters (exclude carpet, wood or hard tile installers); Drywall installer (apply plasterboard or other wallboard to ceilings and interior walls)<br><br><b>Marine Carpenters:</b> Bridge, dock and wharf builders, piledrivermen, boom men, marine piledrivers | \$19.32 (all)           | \$5.92 (all)   |
| <b>Cement Masons</b><br><br>Cement Masons, finishing, hand chipping and patching grouting, end pointing, screed setting, plugging, filling bolt holes, dry packing, setting curb forms, plants, stakes, lines and grades.<br><br>Composition Workers, includes installation of epoxy and other resinous toppings, and Power Machine Operators<br><br>Cement Masons working on suspended, swinging and/or hanging scaffold                                                                                                                                                                                            | \$20.00                 | \$6.88         |
| Diver / Divers' Tender                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | See Appendix            | See Appendix   |
| Dredging (Asst. Engineer, Asst. Mate, Fireman, Oilers, Operators, Tenderman)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Drywall Taper/Lather                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | \$18.77                 | \$5.92         |
| Electrician                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix   |
| Elevator Constructors, Installers and Mechanics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | See Appendix            | See Appendix   |
| Fence Constructor (not metal)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | \$16.23                 | \$5.36         |
| Fence Erector (metal)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | \$13.89                 | \$2.71         |
| Floor Covering Layers (Soft tile, linoleum and carpet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | \$15.96                 | \$4.23         |
| Glaziers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | \$19.73                 | \$5.83         |
| Hazardous Materials Handler/Mechanic (Asbestos Workers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | See Appendix            | See Appendix   |



REGION #9  
Hood River, Sherman and Wasco Counties

| OCCUPATION                                                                                                                                                                                                                                                                                                                                   | PREVAILING<br>WAGE RATE | FRINGE<br>RATE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| Highway and Parking Strippers                                                                                                                                                                                                                                                                                                                | See Appendix            | See Appendix   |
| Ironworkers (Structural & Reinforcing Metal Workers)                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Laborers and Material Movers (Hand); Flaggers                                                                                                                                                                                                                                                                                                | \$16.23                 | \$5.36         |
| Landscape Laborer/Technician                                                                                                                                                                                                                                                                                                                 | \$12.32                 | \$1.84         |
| Limited Energy Electrician                                                                                                                                                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Line Construction (Excludes Tree Trimmers)                                                                                                                                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Marble Setters                                                                                                                                                                                                                                                                                                                               | See Appendix            | See Appendix   |
| Millwrights; Machine Erectors; Machinists; Millwright/Welders                                                                                                                                                                                                                                                                                | \$15.46                 | \$3.28         |
| Painter: Brush, Roller, Machine (spray and sandblasting)                                                                                                                                                                                                                                                                                     | \$14.93                 | \$3.04         |
| Plasterers and Stucco Masons, (Swinging Scaffold, Nozzlemen and All Other Work) (Plasterers)                                                                                                                                                                                                                                                 | See Appendix            | See Appendix   |
| Plumbers and Steamfitters/Pipefitters (Plumbers)                                                                                                                                                                                                                                                                                             | See Appendix            | See Appendix   |
| <b>Power Equipment Operators</b>                                                                                                                                                                                                                                                                                                             |                         |                |
| Asphalt Paving Equipment: Asphalt Paver Operator, Asphalt Plant Operator, Roller Operator, Screed Operator (any asphalt mix)                                                                                                                                                                                                                 | \$17.61                 | \$6.06         |
| Asphalt/Concrete Profilers: Roto-Mill, Pavement Profiler Operator, Concrete Planer, Grinder or Grooving Machine Operator                                                                                                                                                                                                                     | \$21.17                 | \$6.43         |
| Auxiliary Equipment: Compressors, Generators, Pumps                                                                                                                                                                                                                                                                                          | \$20.05                 | \$5.11         |
| Blade: Blade/Grader Operator                                                                                                                                                                                                                                                                                                                 | \$20.83                 | \$6.09         |
| Bulldozers, Rubber-Tired Scrapers, Material Haulers: Bulldozer Operator, Rubber-Tired Scraper Operator, and Material Haulers (including "Cat wagons", DJB's, Volvos and other similar models)                                                                                                                                                | \$17.29                 | \$4.83         |
| Compactors/Roller Operator: (not asphalt)                                                                                                                                                                                                                                                                                                    | \$16.81                 | \$5.55         |
| Concrete: Batch Plant and or Wet Mix Operator, Concrete Finishing Machine, Brooming, Tining or Wire Mat Machine Operator, Concrete Spreader/Placer Operator, Pump Operators (concrete or grout), Concrete Slip Form Paving Machine (for installing curbs/gutters, guardrails, and/or street paving), Concrete Curing Equipment, Concrete Saw | See Appendix            | See Appendix   |
| Crane Operation: Hydraulic, Tower, Whirley, Lattice Boom, Dragline & Clamshell, Signal Men                                                                                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Crushing: Crusher Plant Operator or Oiler                                                                                                                                                                                                                                                                                                    | \$16.92                 | \$4.18         |
| Drilling: Earth Boring Machine Operator (horizontal & vertical), Directional Drilling, (Exclude exploratory drilling for water, minerals, oil & gas)                                                                                                                                                                                         | \$15.02                 | \$2.96         |

REGION #9  
Hood River, Sherman and Wasco Counties

| OCCUPATION                                                                                                                                                                                                                                                          | PREVAILING<br>WAGE RATE                                                     | FRINGE<br>RATE                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>Power Equipment Operators (Continued)</b>                                                                                                                                                                                                                        |                                                                             |                                                                             |
| Floating Construction Equipment: Floating Crane (or "Derrick Barge"), Clamshell or Pile Driver used in conjunction with a construction project, Underwater Equipment Operator. (Excluding Dredging Operations, which is a separate classification - see "Dredging") | See Appendix                                                                | See Appendix                                                                |
| Fork Lifts: Industrial Lift Truck Operator and Material Handler                                                                                                                                                                                                     | See Appendix                                                                | See Appendix                                                                |
| Front End Loaders, Hydraulic Hoes, Excavators                                                                                                                                                                                                                       | \$19.69                                                                     | \$4.42                                                                      |
| Guardrail Equipment: Guardrail Punch Operator (all types), Guardrail Punch Oiler, Combination Guardrail Machines, Punch, Auger, etc)                                                                                                                                | See Appendix                                                                | See Appendix                                                                |
| Repairmen, Heavy Duty (Mechanics, Welders) & Oilers                                                                                                                                                                                                                 | \$17.41                                                                     | \$4.80                                                                      |
| Sweepers                                                                                                                                                                                                                                                            | \$17.24                                                                     | \$4.70                                                                      |
| Riggers                                                                                                                                                                                                                                                             | Receive rate for craft performing operation to which rigging is incidental. | Receive rate for craft performing operation to which rigging is incidental. |
| Roofers: General Roofing Materials; Irritable Bituminous Materials                                                                                                                                                                                                  | \$15.28                                                                     | \$4.54                                                                      |
| Sheet Metal Duct Installers: Sheet Metal Workers                                                                                                                                                                                                                    | See Appendix                                                                | See Appendix                                                                |
| Sign Erectors                                                                                                                                                                                                                                                       | \$16.55                                                                     | \$1.52                                                                      |
| Sprinkler Fitters                                                                                                                                                                                                                                                   | See Appendix                                                                | See Appendix                                                                |
| Telephone and Data Cabling (Limited Energy Electricians)                                                                                                                                                                                                            | See Appendix                                                                | See Appendix                                                                |
| Tenders to Mason Trades: Brick and Stonemasons                                                                                                                                                                                                                      | See Appendix                                                                | See Appendix                                                                |
| Tenders to Plasterers and Stucco Masons                                                                                                                                                                                                                             | See Appendix                                                                | See Appendix                                                                |
| Tile, Terrazzo, Brick and Marble Finisher                                                                                                                                                                                                                           | See Appendix                                                                | See Appendix                                                                |
| Tile Setter/Terrazzo Worker: Hard Tile Setter                                                                                                                                                                                                                       | \$20.17                                                                     | \$4.24                                                                      |
| Tree Trimmers                                                                                                                                                                                                                                                       | \$16.94                                                                     | \$5.04                                                                      |
| Truck Drivers, Heavy or Tractor-Trailer                                                                                                                                                                                                                             | \$15.95                                                                     | \$3.92                                                                      |
| Welders (Incidental)                                                                                                                                                                                                                                                | Receive rate for craft performing operation to which welding is incidental. | Receive rate for craft performing operation to which welding is incidental. |

REGION #10  
Crook, Deschutes and Jefferson Counties

| OCCUPATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PREVAILING<br>WAGE RATE | FRINGE<br>RATE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| Asbestos Workers/Insulators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix   |
| Boilermakers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Bricklayers/Stonemasons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | \$22.75                 | \$6.42         |
| <b>Carpenters</b><br><br><b>Carpenter 1:</b> Auto Nailing Machine, Form Stripper, Floor Layers, Stationary Power Saw Operator<br><br><b>Carpenter 2:</b> Cabinet and shelving installers, Floor Finishers, Wall and Ceiling Insulators, Irritating Insulation.<br><br><b>Drywall/Acoustical Carpenters:</b> Ceiling tile installers and acoustical carpenters (exclude carpet, wood or hard tile installers); Drywall installer (apply plasterboard or other wallboard to ceilings and interior walls)<br><br><b>Marine Carpenters:</b> Bridge, dock and wharf builders, piledrivermen, boom men, marine piledrivers | \$19.32 (all)           | \$5.92 (all)   |
| <b>Cement Masons</b><br><br>Cement Masons, finishing, hand chipping and patching grouting, end pointing, screed setting, plugging, filling bolt holes, dry packing, setting curb forms, plants, stakes, lines and grades.<br><br>Composition Workers (includes installation of epoxy and other resinous toppings), and Power Machine Operators<br><br>Cement Masons working on suspended, swinging and/or hanging scaffold                                                                                                                                                                                           | \$20.00                 | \$6.88         |
| Diver / Divers' Tender                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | See Appendix            | See Appendix   |
| Dredging (Asst. Engineer, Asst. Mate, Fireman, Oilers, Operators, Tenderman)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Drywall Taper/Lather                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | \$18.77                 | \$5.92         |
| Electrician                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix   |
| Elevator Constructors, Installers and Mechanics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | See Appendix            | See Appendix   |
| Fence Constructor (not metal)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | \$16.23                 | \$5.36         |
| Fence Erector (metal)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | \$13.89                 | \$2.71         |
| Floor Covering Layers (Soft tile, linoleum and carpet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | \$15.96                 | \$4.23         |
| Glaziers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | \$19.73                 | \$5.83         |
| Hazardous Materials Handler/Mechanic (Asbestos Workers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | See Appendix            | See Appendix   |

REGION #10

Crook, Deschutes and Jefferson Counties

| OCCUPATION                                                                                                                                                                                                                                                                                                                                   | PREVAILING<br>WAGE RATE | FRINGE<br>RATE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| Highway and Parking Strippers                                                                                                                                                                                                                                                                                                                | See Appendix            | See Appendix   |
| Ironworkers (Structural & Reinforcing Metal Workers)                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Laborers and Material Movers (Hand); Flaggers                                                                                                                                                                                                                                                                                                | \$16.23                 | \$5.36         |
| Landscape Laborer/Technician                                                                                                                                                                                                                                                                                                                 | \$12.32                 | \$1.84         |
| Limited Energy Electrician                                                                                                                                                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Line Construction (Excludes Tree Trimmers)                                                                                                                                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Marble Setters                                                                                                                                                                                                                                                                                                                               | See Appendix            | See Appendix   |
| Millwrights; Machine Erectors; Machinists; Millwright/Welders                                                                                                                                                                                                                                                                                | \$15.46                 | \$3.28         |
| Painter: Brush, Roller, Machine (spray and sandblasting)                                                                                                                                                                                                                                                                                     | \$14.93                 | \$3.04         |
| Plasterers and Stucco Masons, (Swinging Scaffold, Nozzlemen and All Other Work) (Plasterers)                                                                                                                                                                                                                                                 | See Appendix            | See Appendix   |
| Plumbers and Steamfitters/Pipefitters (Plumbers)                                                                                                                                                                                                                                                                                             | See Appendix            | See Appendix   |
| <b>Power Equipment Operators</b>                                                                                                                                                                                                                                                                                                             |                         |                |
| Asphalt Paving Equipment: Asphalt Paver Operator, Asphalt Plant Operator, Roller Operator, Screed Operator (any asphalt mix)                                                                                                                                                                                                                 | \$17.61                 | \$6.06         |
| Asphalt/Concrete Profilers: Roto-Mill, Pavement Profiler Operator, Concrete Planer, Grinder or Grooving Machine Operator                                                                                                                                                                                                                     | \$21.17                 | \$6.43         |
| Auxiliary Equipment: Compressors, Generators, Pumps                                                                                                                                                                                                                                                                                          | \$20.05                 | \$5.11         |
| Blade: Blade/Grader Operator                                                                                                                                                                                                                                                                                                                 | \$20.83                 | \$6.09         |
| Bulldozers, Rubber-Tired Scrapers, Material Haulers: Bulldozer Operator, Rubber-Tired Scraper Operator, and Material Haulers (including "Cat wagons", DJB's, Volvos and other similar models)                                                                                                                                                | \$17.29                 | \$4.83         |
| Compactors/Roller Operator: (not asphalt)                                                                                                                                                                                                                                                                                                    | \$16.81                 | \$5.55         |
| Concrete: Batch Plant and or Wet Mix Operator, Concrete Finishing Machine, Brooming, Tining or Wire Mat Machine Operator, Concrete Spreader/Placer Operator, Pump Operators (concrete or grout), Concrete Slip Form Paving Machine (for installing curbs/gutters, guardrails, and/or street paving), Concrete Curing Equipment, Concrete Saw | See Appendix            | See Appendix   |
| Crane Operation: Hydraulic, Tower, Whirley, Lattice Boom, Dragline & Clamshell, Signal Men                                                                                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Crushing: Crusher Plant Operator or Oiler                                                                                                                                                                                                                                                                                                    | \$16.92                 | \$4.18         |
| Drilling: Earth Boring Machine Operator (horizontal & vertical), Directional Drilling, (Exclude exploratory drilling for water, minerals, oil & gas)                                                                                                                                                                                         | \$15.02                 | \$2.96         |

REGION #10  
Crook, Deschutes and Jefferson Counties

| OCCUPATION                                                                                                                                                                                                                                                          | PREVAILING<br>WAGE RATE                                                     | FRINGE<br>RATE                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>Power Equipment Operators (Continued)</b>                                                                                                                                                                                                                        |                                                                             |                                                                             |
| Floating Construction Equipment: Floating Crane (or "Derrick Barge"), Clamshell or Pile Driver used in conjunction with a construction project, Underwater Equipment Operator. (Excluding Dredging Operations, which is a separate classification - see "Dredging") | See Appendix                                                                | See Appendix                                                                |
| Fork Lifts: Industrial Lift Truck Operator and Material Handler                                                                                                                                                                                                     | See Appendix                                                                | See Appendix                                                                |
| Front End Loaders, Hydraulic Hoes, Excavators                                                                                                                                                                                                                       | \$19.69                                                                     | \$4.42                                                                      |
| Guardrail Equipment: Guardrail Punch Operator (all types), Guardrail Punch Oiler, Combination Guardrail Machines, Punch, Auger, etc)                                                                                                                                | See Appendix                                                                | See Appendix                                                                |
| Repairmen, Heavy Duty (Mechanics, Welders) & Oilers                                                                                                                                                                                                                 | \$17.41                                                                     | \$4.80                                                                      |
| Sweepers                                                                                                                                                                                                                                                            | \$17.24                                                                     | \$4.70                                                                      |
| Riggers                                                                                                                                                                                                                                                             | Receive rate for craft performing operation to which rigging is incidental. | Receive rate for craft performing operation to which rigging is incidental. |
| Roofers: General Roofing Materials; Irritable Bituminous Materials                                                                                                                                                                                                  | \$15.28                                                                     | \$4.54                                                                      |
| Sheet Metal Duct Installers; Sheet Metal Workers                                                                                                                                                                                                                    | \$16.10                                                                     | \$5.86                                                                      |
| Sign Erectors                                                                                                                                                                                                                                                       | \$16.55                                                                     | \$1.52                                                                      |
| Sprinkler Fitters                                                                                                                                                                                                                                                   | \$17.68                                                                     | \$5.17                                                                      |
| Telephone and Data Cabling (Limited Energy Electricians)                                                                                                                                                                                                            | See Appendix                                                                | See Appendix                                                                |
| Tenders to Mason Trades: Brick and Stonemasons                                                                                                                                                                                                                      | See Appendix                                                                | See Appendix                                                                |
| Tenders to Plasterers and Stucco Masons                                                                                                                                                                                                                             | See Appendix                                                                | See Appendix                                                                |
| Tile, Terrazzo, Brick and Marble Finisher                                                                                                                                                                                                                           | See Appendix                                                                | See Appendix                                                                |
| Tile Setter/Terrazzo Worker: Hard Tile Setter                                                                                                                                                                                                                       | \$20.17                                                                     | \$4.24                                                                      |
| Tree Trimmers                                                                                                                                                                                                                                                       | \$16.94                                                                     | \$5.04                                                                      |
| Truck Drivers, Heavy or Tractor-Trailer                                                                                                                                                                                                                             | \$15.95                                                                     | \$3.92                                                                      |
| Welders (Incidental)                                                                                                                                                                                                                                                | Receive rate for craft performing operation to which welding is incidental. | Receive rate for craft performing operation to which welding is incidental. |

REGION #11  
Klamath and Lake Counties

| OCCUPATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PREVAILING<br>WAGE RATE | FRINGE<br>RATE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| Asbestos Workers/Insulators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix   |
| Boilermakers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Bricklayers/Stonemasons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | See Appendix            | See Appendix   |
| <b>Carpenters</b><br><br><b>Carpenter 1:</b> Auto Nailing Machine, Form Stripper, Floor Layers, Stationary Power Saw Operator<br><br><b>Carpenter 2:</b> Cabinet and shelving installers, Floor Finishers, Wall and Ceiling Insulators, Irritating Insulation.<br><br><b>Drywall/Acoustical Carpenters:</b> Ceiling tile installers and acoustical carpenters (exclude carpet, wood or hard tile installers); Drywall installer (apply plasterboard or other wallboard to ceilings and interior walls)<br><br><b>Marine Carpenters:</b> Bridge, dock and wharf builders, piledrivermen, boom men, marine piledrivers | \$19.32 (all)           | \$5.92 (all)   |
| <b>Cement Masons</b><br><br>Cement Masons, finishing, hand chipping and patching grouting, end pointing, screed setting, plugging, filling bolt holes, dry packing, setting curb forms, plants, stakes, lines and grades.<br><br>Composition Worker, includes installation of epoxy and other resinous toppings, and Power Machine Operators<br><br>Cement Masons working on suspended, swinging and/or hanging scaffold                                                                                                                                                                                             | \$20.00                 | \$6.88         |
| Diver / Divers' Tender                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | See Appendix            | See Appendix   |
| Dredging (Asst. Engineer, Asst. Mate, Fireman, Oilers, Operators, Tenderman)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Drywall Taper/Lather                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | \$18.77                 | \$5.92         |
| Electrician                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix   |
| Elevator Constructors, Installers and Mechanics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | See Appendix            | See Appendix   |
| Fence Constructor (not metal)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | \$16.23                 | \$5.36         |
| Fence Erector (metal)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | \$13.89                 | \$2.71         |
| Floor Covering Layers (Soft tile, linoleum and carpet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | \$15.96                 | \$4.23         |
| Glaziers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | \$19.73                 | \$5.83         |
| Hazardous Materials Handler/Mechanic (Asbestos Workers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | See Appendix            | See Appendix   |

REGION #11  
Klamath and Lake Counties

| OCCUPATION                                                                                                                                                                                                                                                                                                                                   | PREVAILING<br>WAGE RATE | FRINGE<br>RATE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| Highway and Parking Strippers                                                                                                                                                                                                                                                                                                                | See Appendix            | See Appendix   |
| Ironworkers (Structural & Reinforcing Metal Workers)                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Laborers and Material Movers (Hand); Flaggers                                                                                                                                                                                                                                                                                                | \$16.23                 | \$5.36         |
| Landscape Laborer/Technician                                                                                                                                                                                                                                                                                                                 | \$12.32                 | \$1.84         |
| Limited Energy Electrician                                                                                                                                                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Line Construction (Excludes Tree Trimmers)                                                                                                                                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Marble Setters                                                                                                                                                                                                                                                                                                                               | See Appendix            | See Appendix   |
| Millwrights; Machine Erectors; Machinists; Millwright/Welders                                                                                                                                                                                                                                                                                | \$15.46                 | \$3.28         |
| Painter: Brush, Roller, Machine (spray and sandblasting)                                                                                                                                                                                                                                                                                     | \$14.93                 | \$3.04         |
| Plasterers and Stucco Masons, (Swinging Scaffold, Nozzlemen and All Other Work) (Plasterers)                                                                                                                                                                                                                                                 | See Appendix            | See Appendix   |
| Plumbers and Steamfitters/Pipefitters (Plumbers)                                                                                                                                                                                                                                                                                             | See Appendix            | See Appendix   |
| <b>Power Equipment Operators</b>                                                                                                                                                                                                                                                                                                             |                         |                |
| Asphalt Paving Equipment: Asphalt Paver Operator, Asphalt Plant Operator, Roller Operator, Screed Operator (any asphalt mix)                                                                                                                                                                                                                 | \$17.61                 | \$6.06         |
| Asphalt/Concrete Profilers: Roto-Mill, Pavement Profiler Operator, Concrete Planer, Grinder or Grooving Machine Operator                                                                                                                                                                                                                     | \$21.17                 | \$6.43         |
| Auxiliary Equipment: Compressors, Generators, Pumps                                                                                                                                                                                                                                                                                          | \$20.05                 | \$5.11         |
| Blade: Blade/Grader Operator                                                                                                                                                                                                                                                                                                                 | \$20.83                 | \$6.09         |
| Bulldozers, Rubber-Tired Scrapers, Material Haulers: Bulldozer Operator, Rubber-Tired Scraper Operator, and Material Haulers (including "Cat wagons", DJB's, Volvos and other similar models)                                                                                                                                                | \$17.29                 | \$4.83         |
| Compactors/Roller Operator: (not asphalt)                                                                                                                                                                                                                                                                                                    | \$16.81                 | \$5.55         |
| Concrete: Batch Plant and or Wet Mix Operator, Concrete Finishing Machine, Brooming, Tining or Wire Mat Machine Operator, Concrete Spreader/Placer Operator, Pump Operators (concrete or grout), Concrete Slip Form Paving Machine (for installing curbs/gutters, guardrails, and/or street paving), Concrete Curing Equipment, Concrete Saw | See Appendix            | See Appendix   |
| Crane Operation: Hydraulic, Tower, Whirley, Lattice Boom, Dragline & Clamshell, Signal Men                                                                                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Crushing: Crusher Plant Operator or Oiler                                                                                                                                                                                                                                                                                                    | \$16.92                 | \$4.18         |
| Drilling: Earth Boring Machine Operator (horizontal & vertical), Directional Drilling, (Exclude exploratory drilling for water, minerals, oil & gas)                                                                                                                                                                                         | \$15.02                 | \$2.96         |

REGION #11  
Klamath and Lake Counties

| OCCUPATION                                                                                                                                                                                                                                                          | PREVAILING<br>WAGE RATE                                                     | FRINGE<br>RATE                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>Power Equipment Operators (Continued)</b>                                                                                                                                                                                                                        |                                                                             |                                                                             |
| Floating Construction Equipment: Floating Crane (or "Derrick Barge"), Clamshell or Pile Driver used in conjunction with a construction project. Underwater Equipment Operator. (Excluding Dredging Operations, which is a separate classification - see "Dredging") | See Appendix                                                                | See Appendix                                                                |
| Fork Lifts: Industrial Lift Truck Operator and Material Handler                                                                                                                                                                                                     | See Appendix                                                                | See Appendix                                                                |
| Front End Loaders, Hydraulic Hoes, Excavators                                                                                                                                                                                                                       | \$19.69                                                                     | \$4.42                                                                      |
| Guardrail Equipment: Guardrail Punch Operator (all types), Guardrail Punch Oiler, Combination Guardrail Machines, Punch, Auger, etc)                                                                                                                                | See Appendix                                                                | See Appendix                                                                |
| Repairmen, Heavy Duty (Mechanics, Welders) & Oilers                                                                                                                                                                                                                 | \$17.41                                                                     | \$4.80                                                                      |
| Sweepers                                                                                                                                                                                                                                                            | \$17.24                                                                     | \$4.70                                                                      |
| Riggers                                                                                                                                                                                                                                                             | Receive rate for craft performing operation to which rigging is incidental. | Receive rate for craft performing operation to which rigging is incidental. |
| Roofers: General Roofing Materials; Irritable Bituminous Materials                                                                                                                                                                                                  | \$15.28                                                                     | \$4.54                                                                      |
| Sheet Metal Duct Installers; Sheet Metal Workers                                                                                                                                                                                                                    | \$16.10                                                                     | \$5.86                                                                      |
| Sign Erectors                                                                                                                                                                                                                                                       | \$16.55                                                                     | \$1.52                                                                      |
| Sprinkler Fitters                                                                                                                                                                                                                                                   | See Appendix                                                                | See Appendix                                                                |
| Telephone and Data Cabling (Limited Energy Electricians)                                                                                                                                                                                                            | See Appendix                                                                | See Appendix                                                                |
| Tenders to Mason Trades: Brick and Stonemasons                                                                                                                                                                                                                      | See Appendix                                                                | See Appendix                                                                |
| Tenders to Plasterers and Stucco Masons                                                                                                                                                                                                                             | See Appendix                                                                | See Appendix                                                                |
| Tile, Terrazzo, Brick and Marble Finisher                                                                                                                                                                                                                           | See Appendix                                                                | See Appendix                                                                |
| Tile Setter/Terrazzo Worker: Hard Tile Setter                                                                                                                                                                                                                       | \$20.17                                                                     | \$4.24                                                                      |
| Tree Trimmers                                                                                                                                                                                                                                                       | \$16.94                                                                     | \$5.04                                                                      |
| Truck Drivers, Heavy or Tractor-Trailer                                                                                                                                                                                                                             | \$15.95                                                                     | \$3.92                                                                      |
| Welders (Incidental)                                                                                                                                                                                                                                                | Receive rate for craft performing operation to which welding is incidental. | Receive rate for craft performing operation to which welding is incidental. |



REGION #12

Gilliam, Grant, Morrow, Umatilla and Wheeler Counties

| OCCUPATION                                                                                                                   | PREVAILING<br>WAGE RATE | FRINGE<br>RATE |
|------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| Asbestos Workers/Insulators                                                                                                  | See Appendix            | See Appendix   |
| Boilermakers                                                                                                                 | See Appendix            | See Appendix   |
| Bricklayers/Stonemasons                                                                                                      | See Appendix            | See Appendix   |
| Carpenters                                                                                                                   | See Appendix            | See Appendix   |
| Cement Masons                                                                                                                | See Appendix            | See Appendix   |
| Diver / Divers' Tender                                                                                                       | See Appendix            | See Appendix   |
| Dredging (Asst. Engineer, Asst. Mate, Fireman, Oilers, Operators, Tenderman)                                                 | See Appendix            | See Appendix   |
| Drywall Taper/Lather                                                                                                         | \$18.77                 | \$5.92         |
| Electrician                                                                                                                  | See Appendix            | See Appendix   |
| Elevator Constructors, Installers and Mechanics                                                                              | See Appendix            | See Appendix   |
| Fence Constructor (not metal)                                                                                                | \$16.23                 | \$5.36         |
| Fence Erector (metal)                                                                                                        | \$13.89                 | \$2.71         |
| Floor Covering Layers (Soft tile, linoleum and carpet)                                                                       | \$15.96                 | \$4.23         |
| Glaziers                                                                                                                     | \$19.73                 | \$5.83         |
| Hazardous Materials Handler/Mechanic (Asbestos Workers)                                                                      | See Appendix            | See Appendix   |
| Highway and Parking Stripers                                                                                                 | See Appendix            | See Appendix   |
| Ironworkers (Structural & Reinforcing Metal Workers)                                                                         | See Appendix            | See Appendix   |
| Laborers and Material Movers (Hand); Flaggers                                                                                | \$16.23                 | \$5.36         |
| Landscape Laborer/Technician                                                                                                 | \$12.32                 | \$1.84         |
| Limited Energy Electrician                                                                                                   | See Appendix            | See Appendix   |
| Line Construction (Excludes Tree Trimmers)                                                                                   | See Appendix            | See Appendix   |
| Marble Setters                                                                                                               | See Appendix            | See Appendix   |
| Millwrights: Machine Erectors; Machinists; Millwright/Welders                                                                | \$15.46                 | \$3.28         |
| Painter: Brush, Roller, Machine (spray and sandblasting)                                                                     | \$14.93                 | \$3.04         |
| Plasterers and Stucco Masons, (Swinging Scaffold, Nozzlemen and All Other Work) (Plasterers)                                 | See Appendix            | See Appendix   |
| Plumbers and Steamfitters/Pipefitters (Plumbers)                                                                             | See Appendix            | See Appendix   |
| <b>Power Equipment Operators</b>                                                                                             |                         |                |
| Asphalt Paving Equipment: Asphalt Paver Operator, Asphalt Plant Operator, Roller Operator, Screed Operator (any asphalt mix) | \$17.61                 | \$6.06         |
| Asphalt/Concrete Profilers: Roto-Mill, Pavement Profiler Operator, Concrete Planer, Grinder or Grooving Machine Operator     | See Appendix            | See Appendix   |
| Auxiliary Equipment: Compressors, Generators, Pumps                                                                          | \$20.05                 | \$5.11         |
| Blade: Blade/Grader Operator                                                                                                 | \$20.83                 | \$6.09         |

REGION #12

Gilliam, Grant, Morrow, Umatilla and Wheeler Counties

| OCCUPATION                                                                                                                                                                                                                                                                                                                                   | PREVAILING<br>WAGE RATE                                                     | FRINGE<br>RATE                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>Power Equipment Operators (Continued)</b>                                                                                                                                                                                                                                                                                                 |                                                                             |                                                                             |
| Bulldozers, Rubber-Tired Scrapers, Material Haulers: Bulldozer Operator, Rubber-Tired Scraper Operator, and Material Haulers (including "Cat wagons", DJB's, Volvos and other similar models)                                                                                                                                                | \$17.29                                                                     | \$4.83                                                                      |
| Compactors/Roller Operator: (not asphalt)                                                                                                                                                                                                                                                                                                    | \$16.81                                                                     | \$5.55                                                                      |
| Concrete: Batch Plant and or Wet Mix Operator, Concrete Finishing Machine, Brooming, Tining or Wire Mat Machine Operator, Concrete Spreader/Placer Operator, Pump Operators (concrete or grout), Concrete Slip Form Paving Machine (for installing curbs/gutters, guardrails, and/or street paving), Concrete Curing Equipment, Concrete Saw | See Appendix                                                                | See Appendix                                                                |
| Crane Operation: Hydraulic, Tower, Whirley, Lattice Boom, Dragline & Clamshell, Signal Men                                                                                                                                                                                                                                                   | See Appendix                                                                | See Appendix                                                                |
| Crushing: Crusher Plant Operator or Oiler                                                                                                                                                                                                                                                                                                    | \$16.92                                                                     | \$4.18                                                                      |
| Drilling: Earth Boring Machine Operator (horizontal & vertical), Directional Drilling, (Exclude exploratory drilling for water, minerals, oil & gas)                                                                                                                                                                                         | \$15.02                                                                     | \$2.96                                                                      |
| Floating Construction Equipment: Floating Crane (or "Derrick Barge"), Clamshell or Pile Driver used in conjunction with a construction project, Underwater Equipment Operator. (Excluding Dredging Operations, which is a separate classification - see "Dredging")                                                                          | See Appendix                                                                | See Appendix                                                                |
| Fork Lifts: Industrial Lift Truck Operator and Material Handler                                                                                                                                                                                                                                                                              | See Appendix                                                                | See Appendix                                                                |
| Front End Loaders, Hydraulic Hoes, Excavators                                                                                                                                                                                                                                                                                                | \$19.69                                                                     | \$4.42                                                                      |
| Guardrail Equipment: Guardrail Punch Operator (all types), Guardrail Punch Oiler, Combination Guardrail Machines, Punch, Auger, etc)                                                                                                                                                                                                         | See Appendix                                                                | See Appendix                                                                |
| Repairmen, Heavy Duty (Mechanics, Welders) & Oilers                                                                                                                                                                                                                                                                                          | \$17.41                                                                     | \$4.80                                                                      |
| Sweepers                                                                                                                                                                                                                                                                                                                                     | \$17.24                                                                     | \$4.70                                                                      |
| Riggers                                                                                                                                                                                                                                                                                                                                      | Receive rate for craft performing operation to which rigging is incidental. | Receive rate for craft performing operation to which rigging is incidental. |
| Roofers: General Roofing Materials; Irritable Bituminous Materials                                                                                                                                                                                                                                                                           | \$15.28                                                                     | \$4.54                                                                      |
| Sheet Metal Duct Installers: Sheet Metal Workers                                                                                                                                                                                                                                                                                             | See Appendix                                                                | See Appendix                                                                |
| Sign Erectors                                                                                                                                                                                                                                                                                                                                | \$16.55                                                                     | \$1.52                                                                      |
| Sprinkler Fitters                                                                                                                                                                                                                                                                                                                            | See Appendix                                                                | See Appendix                                                                |
| Telephone and Data Cabling (Limited Energy Electricians)                                                                                                                                                                                                                                                                                     | See Appendix                                                                | See Appendix                                                                |
| Tenders to Mason Trades: Brick and Stonemasons                                                                                                                                                                                                                                                                                               | See Appendix                                                                | See Appendix                                                                |
| Tenders to Plasterers and Stucco Masons                                                                                                                                                                                                                                                                                                      | See Appendix                                                                | See Appendix                                                                |

**REGION #12**

Gilliam, Grant, Morrow, Umatilla and Wheeler Counties

| OCCUPATION                                    | PREVAILING<br>WAGE RATE                                                     | FRINGE<br>RATE                                                              |
|-----------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Tile, Terrazzo, Brick and Marble Finisher     | See Appendix                                                                | See Appendix                                                                |
| Tile Setter/Terrazzo Worker: Hard Tile Setter | \$20.17                                                                     | \$4.24                                                                      |
| Tree Trimmers                                 | \$16.94                                                                     | \$5.04                                                                      |
| Truck Drivers, Heavy or Tractor-Trailer       | \$15.95                                                                     | \$3.92                                                                      |
| Welders (Incidental)                          | Receive rate for craft performing operation to which welding is incidental. | Receive rate for craft performing operation to which welding is incidental. |

REGION #13

Baker, Union and Wallowa Counties

| OCCUPATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PREVAILING<br>WAGE RATE | FRINGE<br>RATE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| Asbestos Workers/Insulators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix   |
| Boilermakers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Bricklayers/Stonemasons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | See Appendix            | See Appendix   |
| <b>Carpenters</b><br><br><b>Carpenter 1:</b> Auto Nailing Machine, Form Stripper, Floor Layers, Stationary Power Saw Operator<br><br><b>Carpenter 2:</b> Cabinet and shelving installers, Floor Finishers, Wall and Ceiling Insulators, Irritating Insulation.<br><br><b>Drywall/Acoustical Carpenters:</b> Ceiling tile installers and acoustical carpenters (exclude carpet, wood or hard tile installers); Drywall installer (apply plasterboard or other wallboard to ceilings and interior walls)<br><br><b>Marine Carpenters:</b> Bridge, dock and wharf builders, piledrivermen, boom men, marine piledrivers | \$19.32 (all)           | \$5.92 (all)   |
| <b>Cement Masons</b><br><br>Cement Masons, finishing, hand chipping and patching grouting, end pointing, screed setting, plugging, filling bolt holes, dry packing, setting curb forms, plants, stakes, lines and grades.<br><br>Composition Workers, includes installation of epoxy and other resinous toppings, and Power Machine Operators<br><br>Cement Masons working on suspended, swinging and/or hanging scaffold                                                                                                                                                                                            | \$20.00                 | \$6.88         |
| Diver / Divers' Tender                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | See Appendix            | See Appendix   |
| Dredging (Asst. Engineer, Asst. Mate, Fireman, Oilers, Operators, Tenderman)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Drywall Taper/Lather                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | \$18.77                 | \$5.92         |
| Electrician                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix   |
| Elevator Constructors, Installers and Mechanics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | See Appendix            | See Appendix   |
| Fence Constructor (not metal)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | \$16.23                 | \$5.36         |
| Fence Erector (metal)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | \$13.89                 | \$2.71         |
| Floor Covering Layers (Soft tile, linoleum and carpet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | \$15.96                 | \$4.23         |
| Glaziers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | \$19.73                 | \$5.83         |
| Hazardous Materials Handler/Mechanic (Asbestos Workers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | See Appendix            | See Appendix   |

REGION #13  
Baker, Union and Wallowa Counties

| OCCUPATION                                                                                                                                                                                                                                                                                                                                   | PREVAILING<br>WAGE RATE | FRINGE<br>RATE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| Highway and Parking Strippers                                                                                                                                                                                                                                                                                                                | See Appendix            | See Appendix   |
| Ironworkers (Structural & Reinforcing Metal Workers)                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Laborers and Material Movers (Hand); Flaggers                                                                                                                                                                                                                                                                                                | \$16.23                 | \$5.36         |
| Landscape Laborer/Technician                                                                                                                                                                                                                                                                                                                 | \$12.32                 | \$1.84         |
| Limited Energy Electrician                                                                                                                                                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Line Construction (Excludes Tree Trimmers)                                                                                                                                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Marble Setters                                                                                                                                                                                                                                                                                                                               | See Appendix            | See Appendix   |
| Millwrights; Machine Erectors; Machinists; Millwright/Welders                                                                                                                                                                                                                                                                                | \$15.46                 | \$3.28         |
| Painter: Brush, Roller, Machine (spray and sandblasting)                                                                                                                                                                                                                                                                                     | \$14.93                 | \$3.04         |
| Plasterers and Stucco Masons, (Swinging Scaffold, Nozzlemen and All Other Work) (Plasterers)                                                                                                                                                                                                                                                 | See Appendix            | See Appendix   |
| Plumbers and Steamfitters/Pipefitters (Plumbers)                                                                                                                                                                                                                                                                                             | See Appendix            | See Appendix   |
| <b>Power Equipment Operators</b>                                                                                                                                                                                                                                                                                                             |                         |                |
| Asphalt Paving Equipment: Asphalt Paver Operator, Asphalt Plant Operator, Roller Operator, Screed Operator (any asphalt mix)                                                                                                                                                                                                                 | \$17.61                 | \$6.06         |
| Asphalt/Concrete Profilers: Roto-Mill, Pavement Profiler Operator, Concrete Planer, Grinder or Grooving Machine Operator                                                                                                                                                                                                                     | \$21.17                 | \$6.43         |
| Auxiliary Equipment: Compressors, Generators, Pumps                                                                                                                                                                                                                                                                                          | \$20.05                 | \$5.11         |
| Blade: Blade/Grader Operator                                                                                                                                                                                                                                                                                                                 | \$20.83                 | \$6.09         |
| Bulldozers, Rubber-Tired Scrapers, Material Haulers: Bulldozer Operator, Rubber-Tired Scraper Operator, and Material Haulers (including "Cat wagons", DJB's, Volvos and other similar models)                                                                                                                                                | \$17.29                 | \$4.83         |
| Compactors/Roller Operator: (not asphalt)                                                                                                                                                                                                                                                                                                    | \$16.81                 | \$5.55         |
| Concrete: Batch Plant and or Wet Mix Operator, Concrete Finishing Machine, Brooming, Tining or Wire Mat Machine Operator, Concrete Spreader/Placer Operator, Pump Operators (concrete or grout), Concrete Slip Form Paving Machine (for installing curbs/gutters, guardrails, and/or street paving), Concrete Curing Equipment, Concrete Saw | See Appendix            | See Appendix   |
| Crane Operation: Hydraulic, Tower, Whirley, Lattice Boom, Dragline & Clamshell, Signal Men                                                                                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Crushing: Crusher Plant Operator or Oiler                                                                                                                                                                                                                                                                                                    | \$16.92                 | \$4.18         |
| Drilling: Earth Boring Machine Operator (horizontal & vertical), Directional Drilling, (Exclude exploratory drilling for water, minerals, oil & gas)                                                                                                                                                                                         | \$15.02                 | \$2.96         |

REGION #13  
Baker, Union and Wallowa Counties

| OCCUPATION                                                                                                                                                                                                                                                          | PREVAILING<br>WAGE RATE                                                     | FRINGE<br>RATE                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>Power Equipment Operators (Continued)</b>                                                                                                                                                                                                                        |                                                                             |                                                                             |
| Floating Construction Equipment: Floating Crane (or "Derrick Barge"), Clamshell or Pile Driver used in conjunction with a construction project, Underwater Equipment Operator. (Excluding Dredging Operations, which is a separate classification - see "Dredging") | See Appendix                                                                | See Appendix                                                                |
| Fork Lifts: Industrial Lift Truck Operator and Material Handler                                                                                                                                                                                                     | See Appendix                                                                | See Appendix                                                                |
| Front End Loaders, Hydraulic Hoes, Excavators                                                                                                                                                                                                                       | \$19.69                                                                     | \$4.42                                                                      |
| Guardrail Equipment: Guardrail Punch Operator (all types), Guardrail Punch Oiler, Combination Guardrail Machines, Punch, Auger, etc)                                                                                                                                | See Appendix                                                                | See Appendix                                                                |
| Repairmen, Heavy Duty (Mechanics, Welders) & Oilers                                                                                                                                                                                                                 | \$17.41                                                                     | \$4.80                                                                      |
| Sweepers                                                                                                                                                                                                                                                            | \$17.24                                                                     | \$4.70                                                                      |
| Riggers                                                                                                                                                                                                                                                             | Receive rate for craft performing operation to which rigging is incidental. | Receive rate for craft performing operation to which rigging is incidental. |
| Roofers: General Roofing Materials; Irritable Bituminous Materials                                                                                                                                                                                                  | \$15.28                                                                     | \$4.54                                                                      |
| Sheet Metal Duct Installers; Sheet Metal Workers                                                                                                                                                                                                                    | See Appendix                                                                | See Appendix                                                                |
| Sign Erectors                                                                                                                                                                                                                                                       | \$16.55                                                                     | \$1.52                                                                      |
| Sprinkler Fitters                                                                                                                                                                                                                                                   | See Appendix                                                                | See Appendix                                                                |
| Telephone and Data Cabling (Limited Energy Electricians)                                                                                                                                                                                                            | See Appendix                                                                | See Appendix                                                                |
| Tenders to Mason Trades: Brick and Stonemasons                                                                                                                                                                                                                      | See Appendix                                                                | See Appendix                                                                |
| Tenders to Plasterers and Stucco Masons                                                                                                                                                                                                                             | See Appendix                                                                | See Appendix                                                                |
| Tile, Terrazzo, Brick and Marble Finisher                                                                                                                                                                                                                           | See Appendix                                                                | See Appendix                                                                |
| Tile Setter/Terrazzo Worker: Hard Tile Setter                                                                                                                                                                                                                       | \$20.17                                                                     | \$4.24                                                                      |
| Tree Trimmers                                                                                                                                                                                                                                                       | \$16.94                                                                     | \$5.04                                                                      |
| Truck Drivers, Heavy or Tractor-Trailer                                                                                                                                                                                                                             | \$15.95                                                                     | \$3.92                                                                      |
| Welders (Incidental)                                                                                                                                                                                                                                                | Receive rate for craft performing operation to which welding is incidental. | Receive rate for craft performing operation to which welding is incidental. |

REGION #14  
Harney and Malheur Counties

| OCCUPATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PREVAILING<br>WAGE RATE | FRINGE<br>RATE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| Asbestos Workers/Insulators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix   |
| Boilermakers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Bricklayers/Stonemasons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | See Appendix            | See Appendix   |
| <b>Carpenters</b><br><br><b>Carpenter 1:</b> Auto Nailing Machine, Form Stripper, Floor Layers, Stationary Power Saw Operator<br><br><b>Carpenter 2:</b> Cabinet and shelving installers, Floor Finishers, Wall and Ceiling Insulators, Irritating Insulation.<br><br><b>Drywall/Acoustical Carpenters:</b> Ceiling tile installers and acoustical carpenters (exclude carpet, wood or hard tile installers); Drywall installer (apply plasterboard or other wallboard to ceilings and interior walls)<br><br><b>Marine Carpenters:</b> Bridge, dock and wharf builders, piledrivermen, boom men, marine piledrivers | \$19.32 (all)           | \$5.92 (all)   |
| <b>Cement Masons</b><br><br>Cement Masons, finishing, hand chipping and patching grouting, end pointing, screed setting, plugging, filling bolt holes, dry packing, setting curb forms, plants, stakes, lines and grades.<br><br>Composition Workers, includes installation of epoxy and other resinous toppings, and Power Machine Operators<br><br>Cement Masons working on suspended, swinging and/or hanging scaffold                                                                                                                                                                                            | \$20.00                 | \$6.88         |
| Diver / Divers' Tender                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | See Appendix            | See Appendix   |
| Dredging (Asst. Engineer, Asst. Mate, Fireman, Oilers, Operators, Tenderman)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Drywall Taper/Lather                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | \$18.77                 | \$5.92         |
| Electrician                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | See Appendix            | See Appendix   |
| Elevator Constructors, Installers and Mechanics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | See Appendix            | See Appendix   |
| Fence Constructor (not metal)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | \$16.23                 | \$5.36         |
| Fence Erector (metal)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | \$13.89                 | \$2.71         |
| Floor Covering Layers (Soft tile, linoleum and carpet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | \$15.96                 | \$4.23         |
| Glaziers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | \$19.73                 | \$5.83         |
| Hazardous Materials Handler/Mechanic (Asbestos Workers)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | See Appendix            | See Appendix   |
| Highway and Parking Stripers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |

REGION #14  
Harney and Malheur Counties

| OCCUPATION                                                                                                                                                                                                                                                                                                                                   | PREVAILING<br>WAGE RATE | FRINGE<br>RATE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------|
| Ironworkers (Structural & Reinforcing Metal Workers)                                                                                                                                                                                                                                                                                         | See Appendix            | See Appendix   |
| Laborers and Material Movers (Hand); Flaggers                                                                                                                                                                                                                                                                                                | \$16.23                 | \$5.36         |
| Landscape Laborer/Technician                                                                                                                                                                                                                                                                                                                 | \$12.32                 | \$1.84         |
| Limited Energy Electrician                                                                                                                                                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Line Construction (Excludes Tree Trimmers)                                                                                                                                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Marble Setters                                                                                                                                                                                                                                                                                                                               | See Appendix            | See Appendix   |
| Millwrights; Machine Erectors; Machinists; Millwright/Welders                                                                                                                                                                                                                                                                                | \$15.46                 | \$3.28         |
| Painter: Brush, Roller, Machine (spray and sandblasting)                                                                                                                                                                                                                                                                                     | \$14.93                 | \$3.04         |
| Plasterers and Stucco Masons, (Swinging Scaffold, Nozzlemen and All Other Work) (Plasterers)                                                                                                                                                                                                                                                 | See Appendix            | See Appendix   |
| Plumbers and Steamfitters/Pipefitters (Plumbers)                                                                                                                                                                                                                                                                                             | See Appendix            | See Appendix   |
| <b>Power Equipment Operators</b>                                                                                                                                                                                                                                                                                                             |                         |                |
| Asphalt Paving Equipment: Asphalt Paver Operator, Asphalt Plant Operator, Roller Operator, Screed Operator (any asphalt mix)                                                                                                                                                                                                                 | \$17.61                 | \$6.06         |
| Asphalt/Concrete Profilers: Roto-Mill, Pavement Profiler Operator, Concrete Planer, Grinder or Grooving Machine Operator                                                                                                                                                                                                                     | \$21.17                 | \$6.43         |
| Auxiliary Equipment: Compressors, Generators, Pumps                                                                                                                                                                                                                                                                                          | \$20.05                 | \$5.11         |
| Blade: Blade/Grader Operator                                                                                                                                                                                                                                                                                                                 | \$20.83                 | \$6.09         |
| Bulldozers, Rubber-Tired Scrapers, Material Haulers: Bulldozer Operator, Rubber-Tired Scraper Operator, and Material Haulers (including "Cat wagons", DJB's, Volvos and other similar models)                                                                                                                                                | \$17.29                 | \$4.83         |
| Compactors/Roller Operator: (not asphalt)                                                                                                                                                                                                                                                                                                    | \$16.81                 | \$5.55         |
| Concrete: Batch Plant and or Wet Mix Operator, Concrete Finishing Machine, Brooming, Tining or Wire Mat Machine Operator, Concrete Spreader/Placer Operator, Pump Operators (concrete or grout), Concrete Slip Form Paving Machine (for installing curbs/gutters, guardrails, and/or street paving), Concrete Curing Equipment, Concrete Saw | See Appendix            | See Appendix   |
| Crane Operation: Hydraulic, Tower, Whirley, Lattice Boom, Dragline & Clamshell, Signal Men                                                                                                                                                                                                                                                   | See Appendix            | See Appendix   |
| Crushing: Crusher Plant Operator or Oiler                                                                                                                                                                                                                                                                                                    | \$16.92                 | \$4.18         |
| Drilling: Earth Boring Machine Operator (horizontal & vertical), Directional Drilling, (Exclude exploratory drilling for water, minerals, oil & gas)                                                                                                                                                                                         | \$15.02                 | \$2.96         |



REGION #14  
Harney and Malheur Counties

| OCCUPATION                                                                                                                                                                                                                                                          | PREVAILING<br>WAGE RATE                                                     | FRINGE<br>RATE                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>Power Equipment Operators (Continued)</b>                                                                                                                                                                                                                        |                                                                             |                                                                             |
| Floating Construction Equipment: Floating Crane (or "Derrick Barge"), Clamshell or Pile Driver used in conjunction with a construction project, Underwater Equipment Operator. (Excluding Dredging Operations, which is a separate classification - see "Dredging") | See Appendix                                                                | See Appendix                                                                |
| Fork Lifts: Industrial Lift Truck Operator and Material Handler                                                                                                                                                                                                     | See Appendix                                                                | See Appendix                                                                |
| Front End Loaders, Hydraulic Hoes, Excavators                                                                                                                                                                                                                       | \$19.69                                                                     | \$4.42                                                                      |
| Guardrail Equipment: Guardrail Punch Operator (all types), Guardrail Punch Oiler, Combination Guardrail Machines, Punch, Auger, etc)                                                                                                                                | See Appendix                                                                | See Appendix                                                                |
| Repairmen, Heavy Duty (Mechanics, Welders) & Oilers                                                                                                                                                                                                                 | \$17.41                                                                     | \$4.80                                                                      |
| Sweepers                                                                                                                                                                                                                                                            | \$17.24                                                                     | \$4.70                                                                      |
| Riggers                                                                                                                                                                                                                                                             | Receive rate for craft performing operation to which rigging is incidental. | Receive rate for craft performing operation to which rigging is incidental. |
| Roofers: General Roofing Materials; Irritable Bituminous Materials                                                                                                                                                                                                  | \$15.28                                                                     | \$4.54                                                                      |
| Sheet Metal Duct Installers; Sheet Metal Workers                                                                                                                                                                                                                    | \$16.10                                                                     | \$5.86                                                                      |
| Sign Erectors                                                                                                                                                                                                                                                       | \$16.55                                                                     | \$1.52                                                                      |
| Sprinkler Fitters                                                                                                                                                                                                                                                   | See Appendix                                                                | See Appendix                                                                |
| Telephone and Data Cabling (Limited Energy Electricians)                                                                                                                                                                                                            | See Appendix                                                                | See Appendix                                                                |
| Tenders to Mason Trades: Brick and Stonemasons                                                                                                                                                                                                                      | See Appendix                                                                | See Appendix                                                                |
| Tenders to Plasterers and Stucco Masons                                                                                                                                                                                                                             | See Appendix                                                                | See Appendix                                                                |
| Tile, Terrazzo, Brick and Marble Finisher                                                                                                                                                                                                                           | See Appendix                                                                | See Appendix                                                                |
| Tile Setter/Terrazzo Worker: Hard Tile Setter                                                                                                                                                                                                                       | \$20.17                                                                     | \$4.24                                                                      |
| Tree Trimmers                                                                                                                                                                                                                                                       | \$16.94                                                                     | \$5.04                                                                      |
| Truck Drivers, Heavy or Tractor-Trailer                                                                                                                                                                                                                             | \$15.95                                                                     | \$3.92                                                                      |
| Welders (Incidental)                                                                                                                                                                                                                                                | Receive rate for craft performing operation to which welding is incidental. | Receive rate for craft performing operation to which welding is incidental. |

# APPENDIX

JULY 1, 1999

THE APPENDIX SECTION IS TO BE USED ONLY FOR REGIONS/TRADES  
SPECIFIED IN PAGES 15 THROUGH 55. REFER TO PAGES 15 THROUGH 55  
BEFORE USING RATES IN THIS SECTION

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# AMENDMENT # 1 TO OREGON DETERMINATION 99-02

| RATES EFFECTIVE JULY 23, 1999 |      |         |        |      |         |
|-------------------------------|------|---------|--------|------|---------|
| BASIC                         |      |         | BASIC  |      |         |
| HOURLY                        |      |         | HOURLY |      |         |
| FRINGE                        |      |         | FRINGE |      |         |
| TRADE                         | RATE | BENEFIT | TRADE  | RATE | BENEFIT |

Please note the following corrections to  
Areas for Bricklayers & Sheet Metal Workers

## BRICKLAYERS/STONEMASONS

### Area 1

|            |             |            |
|------------|-------------|------------|
| Baker      | Hood River  | Sherman    |
| Benton (a) | Lincoln (a) | Tillamook  |
| Clackamas  | Linn (a)    | Umatilla   |
| Clatsop    | Malheur(a)  | Union      |
| Columbia   | Morrow      | Wallowa    |
| Gilliam    | Multnomah   | Wasco (a)  |
|            |             | Washington |

### Area 2

|         |             |
|---------|-------------|
| Grant   | Malheur (b) |
| Harney  | Wasco (b)   |
| Klamath | Wheeler     |
| Lake    |             |

## SHEET METAL WORKERS - Page 71

| Area 1     | Area 2 | Area 3   | Area 4 |
|------------|--------|----------|--------|
| Clackamas  | Baker  | Morrow   | Lane   |
| Gilliam    |        | Umatilla |        |
| Grant      |        | Union    |        |
| Hood River |        | Wallowa  |        |
| Multnomah  |        |          |        |
| Sherman    |        |          |        |
| Wasco      |        |          |        |
| Washington |        |          |        |
| Wheeler    |        |          |        |

## GLAZIERS

\$25.19 \$5.95

## PLUMBERS (Area 2)

\$28.10 \$10.30

## ROOFERS

### Area 1

|                              |         |        |
|------------------------------|---------|--------|
| Roofers                      | \$21.30 | \$5.75 |
| Handling coal tar pitch      | \$23.43 | \$5.75 |
| Remove fiberglass insulation | \$23.43 | \$5.75 |

### Area 2

\$18.00 \$6.72

THE CHANGES SHOWN ON THIS  
CORRECTION/AMENDMENT APPLY  
ONLY TO THE APPENDIX  
PORTION OF THE JULY 1, 1999  
PREVAILING WAGE RATE  
BOOKLET.



**BUREAU OF LABOR AND INDUSTRIES**

**JACK ROBERTS**  
Commissioner

**IMPORTANT NOTICE CONCERNING PREVAILING WAGE RATES**

800 NE Oregon St. # 32  
Portland, Oregon 97232

**BULK RATE**

U.S. Postage  
**P A I D**  
Portland,  
Oregon  
Permit No. 5

City of Newberg  
Community Development Dept  
PO Box 970  
Newberg OR 97132-0970

AUG - 2 1999



**AMENDMENT NUMBER 1 TO THE JULY 1, 1999  
PREVAILING WAGE RATES FOR PUBLIC WORKS CONTRACTS IN OREGON  
OREGON DETERMINATION 99-02  
EFFECTIVE JULY 23, 1999**

The following are the changes/corrections to the most recent PWR Booklet that was published on July 1, 1999.

**Update(s) in OREGON DETERMINATION 99-02**

**BRICKLAYERS COUNTIES (Areas 1 and 2)  
GLAZIERS  
PLUMBERS (Area 2)  
ROOFERS (Areas 1 and 2)  
SHEET METAL WORKERS COUNTIES (Areas 1-4)**

are shown on the back of this sheet. For the sake of brevity, we have not included all of the explanatory information that is found in the regular booklet. Refer to the relevant parts of the July 1999 Booklet for details concerning this amendment. If you have any questions, call the PWR Coordinator at (503) 731-4074 in Portland.

**ALL RATES IN THE JULY 1999 BOOKLET WHICH ARE NOT AMENDED REMAIN IN FORCE.**

# OREGON DETERMINATION 99-02

| TRADE | BASIC  |                |       | BASIC  |                |  |
|-------|--------|----------------|-------|--------|----------------|--|
|       | HOURLY |                | TRADE | HOURLY |                |  |
|       | RATE   | FRINGE BENEFIT |       | RATE   | FRINGE BENEFIT |  |

## ASBESTOS WORKERS

Installation of insulation on mechanical systems for Thermal and Acoustical purposes, also the installation of fire stop penetrations on electrical and mechanical systems.

**Journeyman Asbestos Worker 26.79 7.31**

Removal of regulated material on mechanical systems \* which are not going to be scrapped. \*\*

**Hazardous Materials Handler Mechanic**

**13.75 3.50**

\*Mechanical systems include pipes, boilers, ducts, flues, breaching, grease ducts and acid ducts. This also includes all labor connected with the handling and distribution of materials for these systems.

\*\*The removal of all regulated materials from mechanical systems is exclusively the work of Hazardous Materials Handlers, unless the mechanical systems are going to be scrapped. Laborers do all removal of regulated materials on mechanical systems to be scrapped and any non-mechanical (walls, ceilings, floors, beams etc.) insulation. They also do loading of any regulated materials after it has been removed, bagged and tagged, as well as cleanup at the removal site and all work done at the disposal site. Persons performing the removal of regulated materials are classified as Group 3 Laborers.

**NOTE:** Regulated materials are those materials that are regulated for the purpose of protecting the environment or for personal protection by EPA, OSHA, DEQ or Federal OSHA.

## BOILERMAKERS

**24.07 9.56**

**Pressure Welder**

**25.57 9.56**

## BRICKLAYERS/STONEMASONS

(This trade is tended by "Tenders to Masons")

**Area 1 24.94 8.03**  
(Add \$.75 per hour to Fringe for Refractory repair work.)

**Area 2 22.95 7.20**  
(Add \$.75 per hour to Fringe for Refractory repair work.)

## BRICKLAYERS/STONEMASONS (Continued)

### Area 1

|            |             |            |
|------------|-------------|------------|
| Baker      | Lincoln (a) | Sherman    |
| Benton (a) | Linn (a)    | Tillamook  |
| Clackamas  | Malheur (a) | Umatilla   |
| Clatsop    | Marion      | Union      |
| Columbia   | Morrow      | Wallowa    |
| Gilliam    | Multnomah   | Wasco (a)  |
| Hood River | Polk        | Washington |
|            |             | Yamhill    |

### Area 2

|            |           |             |
|------------|-----------|-------------|
| Benton (b) | Grant     | Lake        |
| Crook      | Harney    | Lane        |
| Coos       | Jackson   | Lincoln (b) |
| Curry      | Jefferson | Linn (b)    |
| Deschutes  | Josephine | Malheur (b) |
| Douglas    | Klamath   | Wasco (b)   |
|            |           | Wheeler     |

a) North half  
b) South half

## CARPENTERS

### Zone 1 (Base Rate)

|         |              |             |
|---------|--------------|-------------|
| Group 1 | <b>23.94</b> | <b>7.92</b> |
| Group 2 | <b>24.09</b> | <b>7.92</b> |
| Group 3 | <b>24.44</b> | <b>7.92</b> |
| Group 4 | <b>24.59</b> | <b>7.92</b> |
| Group 5 | <b>24.44</b> | <b>7.92</b> |
| Group 6 | <b>24.59</b> | <b>7.92</b> |
| Group 7 | <b>24.94</b> | <b>7.92</b> |

### Zone Differential for Carpenters (Add to Zone 1 Rate)

|        |      |
|--------|------|
| Zone 2 | .85  |
| Zone 3 | 1.25 |
| Zone 4 | 1.70 |
| Zone 5 | 2.00 |
| Zone 6 | 3.00 |
| Zone 7 | 5.00 |

# OREGON DETERMINATION 99-02

| TRADE | BASIC  |         | TRADE | BASIC  |         |
|-------|--------|---------|-------|--------|---------|
|       | HOURLY | FRINGE  |       | HOURLY | FRINGE  |
|       | RATE   | BENEFIT |       | RATE   | BENEFIT |

## CARPENTERS (Continued)

Zone 1: Projects within 30 miles of City Hall in the Cities listed below.  
 Zone 2: More than 30 miles but less than 40 miles.  
 Zone 3: More than 40 miles but less than 50 miles.  
 Zone 4: More than 50 miles but less than 60 miles.  
 Zone 5: More than 60 miles but less than 70 miles.  
 Zone 6: More than 70 miles but less than 100 miles.  
 Zone 7: More than 100 miles from the city hall of the employee's home local.

### Reference Cities for Group 1 and 2 Carpenters

|           |               |             |             |
|-----------|---------------|-------------|-------------|
| Albany    | Eugene        | Longview    | Portland    |
| Astoria   | Goldendale    | Madras      | Port Orford |
| Baker     | Grants Pass   | Medford     | Reedsport   |
| Bend      | Hermiston     | McMinnville | Roseburg    |
| Brookings | Hood River    | Newport     | Salem       |
| Burns     | Klamath Falls | Oregon City | The Dalles  |
| Coos Bay  | LaGrande      | Ontario     | Tillamook   |
| Corvallis | Lakeview      | Pendleton   | Vancouver   |

Zones for Groups 3 and 4 Carpenters are determined by the distance between the project site and either  
 1) the worker's residence; or  
 2) City Hall of a reference city  
 for the appropriate group shown, whichever is closer.

### Reference Cities for Group 3 and 4 Carpenters

|          |            |            |           |
|----------|------------|------------|-----------|
| Eugene   | Medford    | Portland   | Vancouver |
| Longview | North bend | The Dalles |           |

Zones for Groups 5, 6 and 7 Carpenters are determined as follows:

- For those workers who reside within zone 1 of a reference city below, their zone pay differential shall be computed based upon the distance from the City Hall of that city to the project site.
- For those workers who reside nearer to the project than is the City Hall of any reference city below, the mileage from their residence to the project may be used in computing their zone pay differential.
- The zone pay differential for all other projects shall be computed from the City Hall of Longview, North Bend, or Portland, whichever is closer to the project.

## CARPENTERS (Continued)

### Reference Cities for Groups 5, 6 and 7

|         |               |            |            |
|---------|---------------|------------|------------|
| Astoria | Klamath Falls | Newport    | Roseburg   |
| Bend    | Longview      | North Bend | Salem      |
| Eugene  | Medford       | Portland   | The Dalles |

### Group 1

Auto. Nailing Machine  
 Carpenters  
 Form Stripper  
 Manhole Builders  
 Non-irritating Insulation  
 Cabinet & Shelving  
 Installers (wood or steel)

### Group 2

Floor Layers & Finishers  
 Stationary Power Saw  
 Operators  
 Wall & Ceiling Insulators  
 Irritating Insulation

### Group 3

Millwrights  
 Machine Erectors  
 Machinists

### Group 4

Millwright/Welders  
 (Certified Welders receive  
 \$0.25/hour over Group 3)

### Group 5

Bridge, Dock &  
 Wharf Builders  
 Piledrivermen

### Group 6

Boom Men

### Group 7

Marine Piledriver

## CEMENT MASONS

(This trade is tended by "Concrete Laborers")

### Zone 1 (Base Rate)

|         |       |      |
|---------|-------|------|
| Group 1 | 22.81 | 8.15 |
| Group 2 | 23.22 | 8.15 |
| Group 3 | 23.22 | 8.15 |
| Group 4 | 23.64 | 8.15 |

Group 1 Cement Masons, finishing, hand chipping, patching, grouting, end pointing, screed setting, plugging, filling bolt holes, dry packing, setting curb forms, planks, stakes, lines and grades. Grinding of concrete done as preparatory to patching or when done to produce a finished concrete product.

# OREGON DETERMINATION 99-02

| TRADE | BASIC  |      | TRADE | BASIC  |         |
|-------|--------|------|-------|--------|---------|
|       | HOURLY | RATE |       | HOURLY | RATE    |
|       |        |      |       | FRINGE | BENEFIT |

## CEMENT MASONS (Continued)

Group 2 Composition Workers (includes installation of epoxy and other resinous toppings), and Power Machine Operators.

Group 3 Cement Masons working on suspended, swinging and/or hanging scaffold.

Group 4 Cement Masons performing work of both Group 2 and Group 3 at the same time.

### Zone Differential for Cement Masons (Add to Zone 1 Rate)

|        |      |
|--------|------|
| Zone 2 | .65  |
| Zone 3 | 1.15 |
| Zone 4 | 1.70 |
| Zone 5 | 2.75 |

Zone 1 – Projects within 30 miles of City Hall in the cities listed below.

Zone 2 – More than 30 miles but less than 40 miles.

Zone 3 – More than 40 miles but less than 50 miles.

Zone 4 – More than 50 miles but less than 80 miles.

Zone 5 – More than 80 miles.

### Reference Cities

|           |          |          |            |
|-----------|----------|----------|------------|
| Bend      | Eugene   | Medford  | Salem      |
| Corvallis | Longview | Portland | The Dalles |
|           |          |          | Vancouver  |

## DIVERS & DIVERS' TENDERS

|                 |       |      |
|-----------------|-------|------|
| Divers          | 56.65 | 7.92 |
| Divers' Tenders | 26.32 | 7.92 |

Depth Pay and Enclosure Pay are added to the Divers' Basic Hourly Rate to obtain the Total Hourly Rate for the Diver.

| Basic<br>Hourly +<br>Rate | Hourly<br>Depth +<br>Pay | Hourly<br>Enclosure =<br>Pay | Divers'<br>Total<br>Hourly Pay |
|---------------------------|--------------------------|------------------------------|--------------------------------|
|---------------------------|--------------------------|------------------------------|--------------------------------|

## DIVERS & DIVERS' TENDERS (Continued)

### Divers' Depth Pay

#### Depth of Dive

|                      |
|----------------------|
| 50 – 100 ft          |
| 100 – 150 ft \$ 50 + |
| 150 – 200 ft \$125 + |

#### Hourly Depth Pay

|                               |
|-------------------------------|
| ([Total ft- 50] X \$1.00)/hr. |
| ([Total ft-100] X \$1.50)/hr. |
| ([Total ft-150] X \$2.00)/hr. |

### Divers' Enclosure Pay (working without vertical escape)

#### Distance Traveled In the Enclosure

#### Hourly Enclosure Pay

|               |                                        |
|---------------|----------------------------------------|
| 5 - 50 ft.    | \$ .50/hr.                             |
| 50 – 100 ft.  | \$ .63/hr.                             |
| 100 – 150 ft. | \$ 2.13/hr.                            |
| 150 – 200 ft. | \$ 4.63/hr.                            |
| 200 – 300 ft. | \$ 4.63 + ([total ft-200] X \$.05/hr.  |
| 300 - 450 ft. | \$ 9.63 + ([total ft-300] X \$.10/hr.  |
| 450 – 600 ft. | \$24.63 + ([total ft-450] X \$.20)/hr. |

## DREDGERS

### Zone 1 (Base Rate)

|                                                                              |       |      |
|------------------------------------------------------------------------------|-------|------|
| Leverman (Hydraulic,<br>Dipper, Floating Clamshell)                          | 29.70 | 7.50 |
| Asst. Engineer (including Watch<br>Engineer, Welder, Mechanic,<br>Machinist) | 27.72 | 7.50 |
| Tenderman (Boatman, Attending<br>Dredge Plant); Fireman                      | 26.81 | 7.50 |
| Fill Equipment Operator                                                      | 26.07 | 7.50 |
| Assistant Mate (Deckhand);<br>Oiler                                          | 24.38 | 7.50 |

### Zone Differential for Dredging (Add to Zone 1 Rate)

|        |                                                                             |
|--------|-----------------------------------------------------------------------------|
| Zone 2 | 2.00                                                                        |
| Zone 3 | 3.00                                                                        |
| Zone 1 | Center of job site not more than 30 miles<br>from the City Hall of Portland |
| Zone 2 | More than 30 miles but not more than 50                                     |
| Zone 3 | Over 50 miles                                                               |

# OREGON DETERMINATION 99-02

| TRADE                                          | BASIC<br>HOURLY<br>RATE | FRINGE<br>BENEFIT | TRADE                                                                                                                                              | BASIC<br>HOURLY<br>RATE | FRINGE<br>BENEFIT |
|------------------------------------------------|-------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------|
| <b><u>DRYWALL/WETWALL</u></b>                  |                         |                   | <b><u>ELECTRICIANS (Continued)</u></b>                                                                                                             |                         |                   |
| Drywall (Acoustical and<br>Drywall Applicator) | 22.76                   | 8.84              | <u>Area 4</u>                                                                                                                                      | <u>Area 5</u>           | <u>Area 6</u>     |
| Wetwall (Lather)                               | 21.74                   | 9.86              | Benton                                                                                                                                             | Clackamas               | Harney            |
|                                                |                         |                   | Crook                                                                                                                                              | Clatsop                 | Jackson           |
|                                                |                         |                   | Deschutes                                                                                                                                          | Columbia                | Josephine         |
|                                                |                         |                   | Jefferson                                                                                                                                          | Hood river              | Klamath           |
|                                                |                         |                   | Lane (b)                                                                                                                                           | Multnomah               | Lake              |
|                                                |                         |                   | Linn                                                                                                                                               | Sherman                 | Douglas (b)       |
|                                                |                         |                   | Marion                                                                                                                                             | Tillamook               |                   |
|                                                |                         |                   | Polk                                                                                                                                               | Wasco                   |                   |
|                                                |                         |                   | Yamhill (c)                                                                                                                                        | Washington              |                   |
|                                                |                         |                   |                                                                                                                                                    | Yamhill (d)             |                   |
| <b><u>ELECTRICIANS</u></b>                     |                         |                   | a) Those portions lying <b>west</b> of a line running North<br>and South from the NE corner of Coos County to<br>the SE corner of Lincoln County   |                         |                   |
| <u>Area 1</u>                                  |                         |                   | b) Those portions lying <b>east</b> of a line running North<br>and South from the NE corner of Coos County to<br>the SE Corner of Lincoln County.  |                         |                   |
| Electricians                                   | 21.63                   | 6.62              | c) South half                                                                                                                                      |                         |                   |
| Cable Splicers                                 | 23.79                   | 6.71              | d) North half                                                                                                                                      |                         |                   |
| <u>Area 2</u>                                  |                         |                   | <b><u>ELEVATOR CONSTRUCTORS</u></b>                                                                                                                |                         |                   |
| Electricians                                   | 26.20                   | 7.72              | <u>Area 1</u>                                                                                                                                      |                         |                   |
| Cable Splicers                                 | 27.51                   | 7.76              | Mechanic                                                                                                                                           | 29.02                   | 7.19 + a          |
| <u>Area 3</u>                                  |                         |                   | Helper                                                                                                                                             | 20.31                   | 6.96 + a          |
| Electricians                                   | 25.00                   | 8.85              | Probationary Helper                                                                                                                                | 14.51                   | .39               |
| <u>Area 4</u>                                  |                         |                   | <u>Area 2</u>                                                                                                                                      |                         |                   |
| Electricians                                   | 27.01                   | 8.51              | Mechanic                                                                                                                                           | 30.07                   | 7.58 + a          |
| Cable Splicers                                 | 29.71                   | 8.59              | Helper                                                                                                                                             | 21.05                   | 7.34 + a          |
| Electrical Material Handler                    | 11.24                   | 3.72              | Probationary Helper                                                                                                                                | 15.03                   | .40               |
| <u>Area 5</u>                                  |                         |                   | a) Plus 8% of basic hourly rate for employees with<br>more than 5 years of service; 6% of basic hourly<br>rate for 6 months to 5 years of service. |                         |                   |
| Electricians                                   | 27.30                   | 9.47              | <u>Area 1</u>                                                                                                                                      | <u>Area 2</u>           |                   |
| Cable Splicers                                 | 27.55                   | 9.48              | Umatilla                                                                                                                                           | All                     |                   |
| Electrical Material Handler                    | 15.42                   | 6.56              | Wallowa                                                                                                                                            | Remaining               |                   |
| <u>Area 6</u>                                  |                         |                   | Union                                                                                                                                              | Counties                |                   |
| Electricians                                   | 24.54                   | 7.74              | Baker                                                                                                                                              |                         |                   |
| Cable Splicers                                 | 24.54                   | 7.74              |                                                                                                                                                    |                         |                   |
| <u>Area 1</u>                                  | <u>Area 2</u>           | <u>Area 3</u>     |                                                                                                                                                    |                         |                   |
| Malheur                                        | Baker                   | Coos              |                                                                                                                                                    |                         |                   |
|                                                | Gilliam                 | Curry             |                                                                                                                                                    |                         |                   |
|                                                | Grant                   | Lincoln           |                                                                                                                                                    |                         |                   |
|                                                | Morrow                  | Douglas (a)       |                                                                                                                                                    |                         |                   |
|                                                | Umatilla                | Lane (a)          |                                                                                                                                                    |                         |                   |
|                                                | Union                   |                   |                                                                                                                                                    |                         |                   |
|                                                | Wallowa                 |                   |                                                                                                                                                    |                         |                   |
|                                                | Wheeler                 |                   |                                                                                                                                                    |                         |                   |



# OREGON DETERMINATION 99-02

| TRADE                                                                                                                                                                                                                                                                                                                                     | BASIC   |            | TRADE                                                                                                                                                                 | BASIC                      |            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------|
|                                                                                                                                                                                                                                                                                                                                           | HOURLY  | FRINGE     |                                                                                                                                                                       | HOURLY                     | FRINGE     |
|                                                                                                                                                                                                                                                                                                                                           | RATE    | BENEFIT    |                                                                                                                                                                       | RATE                       | BENEFIT    |
| <b>GLAZIERS</b>                                                                                                                                                                                                                                                                                                                           | 24.62   | 5.95       | <b>LABORERS (Continued)</b>                                                                                                                                           |                            |            |
| (Add \$1.00 to base rate if safety belt is required by State safety regulations)                                                                                                                                                                                                                                                          |         |            | <u>Reference Cities</u>                                                                                                                                               |                            |            |
| (Add \$4.00 to base rate for work done from a non-motorized single-man bosun chair)                                                                                                                                                                                                                                                       |         |            | Albany                                                                                                                                                                | Eugene                     | Portland   |
| Benton                                                                                                                                                                                                                                                                                                                                    | Lane    | Multnomah  | Astoria                                                                                                                                                               | Grants Pass                | Roseburg   |
| Clackamas                                                                                                                                                                                                                                                                                                                                 | Lincoln | Polk       | Baker City                                                                                                                                                            | Hermiston                  | Salem      |
| Clatsop                                                                                                                                                                                                                                                                                                                                   | Linn    | Tillamook  | Bend                                                                                                                                                                  | Klamath Falls              | The Dalles |
| Columbia                                                                                                                                                                                                                                                                                                                                  | Marion  | Washington | Burns                                                                                                                                                                 | Medford                    |            |
|                                                                                                                                                                                                                                                                                                                                           |         | Yamhill    | Coos Bay                                                                                                                                                              | Pendleton                  |            |
| <b>HIGHWAY / PARKING STRIPERS</b>                                                                                                                                                                                                                                                                                                         | 20.83   | 4.76       | <u>Group 1</u>                                                                                                                                                        |                            |            |
| <b>IRONWORKERS</b>                                                                                                                                                                                                                                                                                                                        | 24.22   | 10.35      | Asphalt Plant Laborers                                                                                                                                                | Guardrail, Median Rail (c) |            |
| Structural, Reinforcing,                                                                                                                                                                                                                                                                                                                  |         |            | Asphalt Spreaders                                                                                                                                                     | Landscape or Planting      |            |
| Ornamental, Riggers, Signal Men                                                                                                                                                                                                                                                                                                           |         |            | Batch Weighman                                                                                                                                                        | Laborer                    |            |
| <b>LABORERS</b>                                                                                                                                                                                                                                                                                                                           |         |            | Broomers                                                                                                                                                              | Leverman or Aggregate      |            |
| Group 1                                                                                                                                                                                                                                                                                                                                   | 20.09   | 7.50       | Brush Burners/Cutters                                                                                                                                                 | Spreader (d)               |            |
| Group 2                                                                                                                                                                                                                                                                                                                                   | 20.58   | 7.50       | Carpenter Tender                                                                                                                                                      | Loading Spotter            |            |
| Group 3                                                                                                                                                                                                                                                                                                                                   | 20.94   | 7.50       | Car & Truck Loaders                                                                                                                                                   | Material Yard Man (e)      |            |
| Group 4                                                                                                                                                                                                                                                                                                                                   | 21.24   | 7.50       | Change-House Man                                                                                                                                                      | Powderman Assistant        |            |
| Group 5                                                                                                                                                                                                                                                                                                                                   | 17.70   | 7.50       | Chipper Operator (a)                                                                                                                                                  | Railroad Track Laborers    |            |
| <b>NOTE:</b> A Hazardous Waste Removal Differential must be added to the base rate if work is performed inside the boundary of a Federally Designated Hazardous Waste Site. A Group 1 base rate is used for General Laborer on such a site. For further information on this, call the Prevailing Wage Rate Coordinator at (503) 731-4074. |         |            | Choke Setter                                                                                                                                                          | Ribbon Setters (f)         |            |
|                                                                                                                                                                                                                                                                                                                                           |         |            | Clean up Laborers ***                                                                                                                                                 | Rip Rap Man (Hand Placed)  |            |
|                                                                                                                                                                                                                                                                                                                                           |         |            | Curing, concrete                                                                                                                                                      | Road Pump Tender and       |            |
|                                                                                                                                                                                                                                                                                                                                           |         |            | Demolition, wrecking                                                                                                                                                  | Sewer Laborer              |            |
|                                                                                                                                                                                                                                                                                                                                           |         |            | moving (industrial)***                                                                                                                                                | Signalman                  |            |
|                                                                                                                                                                                                                                                                                                                                           |         |            | Driller Assistant                                                                                                                                                     | Skipman                    |            |
|                                                                                                                                                                                                                                                                                                                                           |         |            | Dry-shack Man                                                                                                                                                         | Slopers                    |            |
|                                                                                                                                                                                                                                                                                                                                           |         |            | Dumpers, road oiling crew                                                                                                                                             | Sprayman                   |            |
|                                                                                                                                                                                                                                                                                                                                           |         |            | Dumpmen for grading                                                                                                                                                   | Stake Chaser               |            |
|                                                                                                                                                                                                                                                                                                                                           |         |            | crew                                                                                                                                                                  | Stockpiler                 |            |
|                                                                                                                                                                                                                                                                                                                                           |         |            | Elevator Builder                                                                                                                                                      | Tie Back Shoring           |            |
|                                                                                                                                                                                                                                                                                                                                           |         |            | Fine Graders                                                                                                                                                          | Timber Faller/Bucker       |            |
|                                                                                                                                                                                                                                                                                                                                           |         |            | Fire Watch                                                                                                                                                            | (Hand Labor)               |            |
|                                                                                                                                                                                                                                                                                                                                           |         |            | Form Strippers (b)                                                                                                                                                    | Toolroom Man (Job Site)    |            |
|                                                                                                                                                                                                                                                                                                                                           |         |            | General Laborer ***                                                                                                                                                   | Weight-Man-Crusher (g)     |            |
| Zone Differential for Laborers<br>(Add to Zone 1 Rate)                                                                                                                                                                                                                                                                                    |         |            | a) Pittsburg or similar types                                                                                                                                         |                            |            |
| Zone 2 .65                                                                                                                                                                                                                                                                                                                                |         |            | b) Not swinging stages                                                                                                                                                |                            |            |
| Zone 3 1.15                                                                                                                                                                                                                                                                                                                               |         |            | c) Reference Post, Guide Post, or Right-of Way Marker                                                                                                                 |                            |            |
| Zone 4 1.70                                                                                                                                                                                                                                                                                                                               |         |            | d) Flaherty, and similar types                                                                                                                                        |                            |            |
| Zone 5 2.75                                                                                                                                                                                                                                                                                                                               |         |            | e) Including electrical                                                                                                                                               |                            |            |
| Zone 1 - Projects within 30 miles of City Hall in the cities listed below.                                                                                                                                                                                                                                                                |         |            | f) Including steel forms                                                                                                                                              |                            |            |
| Zone 2 - More than 30 miles but less than 40 miles                                                                                                                                                                                                                                                                                        |         |            | g) Aggregate when used                                                                                                                                                |                            |            |
| Zone 3 - More than 40 miles but less than 50 miles                                                                                                                                                                                                                                                                                        |         |            | *** Laborers can tear off roofs, clean up or handle roofing materials only when at least one new story is added or in demolition work, where no reroofing will occur. |                            |            |
| Zone 4 - More than 50 miles but less than 80 miles.                                                                                                                                                                                                                                                                                       |         |            |                                                                                                                                                                       |                            |            |
| Zone 5 - More than 80 miles                                                                                                                                                                                                                                                                                                               |         |            |                                                                                                                                                                       |                            |            |

# OREGON DETERMINATION 99-02

BASIC  
HOURLY      FRINGE  
RATE          BENEFIT

BASIC  
HOURLY      FRINGE  
RATE          BENEFIT

TRADE

TRADE

## LABORERS (Continued)

### Group 2

|                         |                          |
|-------------------------|--------------------------|
| Applicators (a)         | Gunite Nozzleman Tender  |
| Brush Cutters (b)       | Gunite or Sandblasting   |
| Burners                 | Pot Tender               |
| Choker Splicer          | Handlers/Mixers (f)      |
| Clary Power Spreader ©  | Pipe Doping & Wrapping   |
| Clean up Nozzleman -    | Post Hole Digger, Air,   |
| Green Cutter (d)        | Gas or Electric          |
| Concrete Laborers       | Power Tool Operators (g) |
| Concrete Power Buggyman | Sand Blasting (wet)      |
| Crusher Feeder          | Stake Setter             |
| Demolition/Wrecking (e) | Tampers                  |
|                         | Vibrating Screed         |

a) Including Pot Tender for same, applying protective material by hand or nozzle on utility lines or storage tanks on project.

b) Power saw

c) And similar types of spreaders

d) Concrete, rock, etc.

e) Charred Materials

f) Of all materials of an irritating nature including cement and lime

g) Includes, but not limited to: Dry Pack Machine, Jackhammer, Chipping Guns, Paving Breakers

### Group 3

|                       |                       |
|-----------------------|-----------------------|
| Asbestos Removal      | Power Saw Operators © |
| Bit Grinder           | Sand Blasting (dry)   |
| Concrete Saw Operator | Sewer Timberman       |
| Drill Doctor          | Drill Operators (a)   |
| Gunite Nozzleman      | Track Liners (d)      |
| Laser Beam (b)        | Tugger Operator       |
| Manhole Builder       | Vibrators (all)       |
| Nippers & Timbermen   | Water Blaster         |
| Nuclear Plant Worker- | Welder                |
| Lead Shield           |                       |

a) Air Tracks, Cat Drills, Wagon Drills, Rubber-mounted Drills, and other similar types.

b) Pipe laying, applicable when employee assigned to move, set up, align Laser Beam.

c) Bucking and falling

d) Anchor Machines, Ballast Regulators, Multiple Tampers, Power Jacks

## LABORERS (Continued)

### Group 4

|                          |                             |
|--------------------------|-----------------------------|
| Asphalt Rakers           | Motorman – Dinky Locomotive |
| Concrete Nozzlemen       | Pipe Layers (all)           |
| Grade Checker            | Powdermen                   |
| High Scalers, Strippers, | Shield Operator             |
| Drillers (a)             | Tunnel Bull Gang (above     |
| Laser Beam (Tunnel),     | ground)                     |
| applicable when          | Tunnel Chuck Tenders        |
| employee assigned to     | Tunnel Miners               |
| move, set up, align      | Tunnel Muckers/Brakeman/    |
| laser beam               | Concrete Crew/Bull Gang     |
| Tunnel Powderman         | (underground)               |
| Loop Installation        |                             |

a) Covers work in swinging stages, chairs or belts, under extreme conditions unusual to normal drilling, blasting, barring-down, or sloping and stripping.

### Group 5

Clean-up Laborers (building only)\*\*\*

Demolition, Wrecking & Moving (building only)\*\*\*

Flagger

\*\*\*Laborers can tear off roofs, clean up or handle roofing material only when at least one new story is added or in demolition work, where no reroofing will occur.

## LIMITED ENERGY ELECTRICIANS

May only be used for electrical work not exceeding 100 va in Class II and III installations (as defined in Article 725 of the National Electrical Code):

|         |       |      |
|---------|-------|------|
| Area 1  | 21.95 | 6.71 |
| Area 2  | 21.95 | 6.71 |
| Area 3  | 18.51 | 4.81 |
| Area 4  | 18.51 | 4.81 |
| Area 5  | 18.51 | 4.81 |
| Area 6  | 18.51 | 4.81 |
| Area 7  | 18.51 | 4.81 |
| Area 8  | 18.51 | 4.81 |
| Area 9  | 21.95 | 6.71 |
| Area 10 | 18.51 | 4.81 |
| Area 11 | 18.51 | 4.81 |
| Area 12 | 21.95 | 6.71 |
| Area 13 | 21.95 | 6.71 |
| Area 14 | 21.95 | 6.71 |

# OREGON DETERMINATION 99-02

| TRADE                                            | BASIC<br>HOURLY<br>RATE                                   | FRINGE<br>BENEFIT | TRADE                                                                   | BASIC<br>HOURLY<br>RATE | FRINGE<br>BENEFIT |
|--------------------------------------------------|-----------------------------------------------------------|-------------------|-------------------------------------------------------------------------|-------------------------|-------------------|
| <b>LIMITED ENERGY ELECTRICIANS (Continued)</b>   |                                                           |                   | <b>LINE CONSTRUCTION (Continued)</b>                                    |                         |                   |
| Area 1                                           | Clatsop, Columbia, Tillamook                              |                   | <u>Group 3</u>                                                          | <u>Group 4</u>          |                   |
| Area 2                                           | Clackamas, Multnomah, Washington,<br>Yamhill (North Half) |                   | Tree Trimmer                                                            | Line Equipment Man      |                   |
| Area 3                                           | Marion, Polk, Yamhill (South Half)                        |                   | <u>Group 5</u>                                                          | <u>Group 6</u>          |                   |
| Area 4                                           | Benton, Lincoln, Linn                                     |                   | Head Groundman                                                          | Groundman               |                   |
| Area 5                                           | Lane                                                      |                   | Jackhammer Man                                                          |                         |                   |
| Area 6                                           | Douglas                                                   |                   | Powderman                                                               |                         |                   |
| Area 7                                           | Coos, Curry                                               |                   | <b>MARBLE SETTERS (Includes Granite)</b>                                |                         |                   |
| Area 8                                           | Jackson, Josephine                                        |                   | (This trade is tended by "Tile, Terrazzo, Brick & Marble<br>Finishers") |                         |                   |
| Area 9                                           | Hood River, Sherman, Wasco                                |                   | <u>Area 1</u>                                                           | 25.94                   | 8.03              |
| Area 10                                          | Crook, Deschutes, Jefferson                               |                   | <u>Area 2</u>                                                           | 24.70                   | 7.70              |
| Area 11                                          | Klamath, Lake, Harney                                     |                   |                                                                         |                         |                   |
| Area 12                                          | Gilliam, Grant, Morrow, Umatilla, Wheeler                 |                   |                                                                         |                         |                   |
| Area 13                                          | Baker, Union, Wallowa                                     |                   |                                                                         |                         |                   |
| Area 14                                          | Malheur                                                   |                   |                                                                         |                         |                   |
| <b>LINE CONSTRUCTION</b>                         |                                                           |                   | <u>Area 1</u>                                                           |                         |                   |
| <u>Area 1</u>                                    |                                                           |                   | Baker                                                                   | Malheur (a)             | Wallowa           |
| Group 1                                          | 28.55                                                     | 7.51              | Benton (a)                                                              | Marion                  | Wasco (a)         |
| Group 2                                          | 25.75                                                     | 7.40              | Clackamas                                                               | Morrow                  | Washington        |
| Group 3                                          | 19.97                                                     | 5.70              | Clatsop                                                                 | Multnomah               | Yamhill           |
| Group 4                                          | 22.19                                                     | 5.78              | Columbia                                                                | Polk                    |                   |
| Group 5                                          | 19.37                                                     | 5.68              | Gilliam                                                                 | Sherman                 |                   |
| Group 6                                          | 18.19                                                     | 5.64              | Hood River                                                              | Tillamook               |                   |
| <u>Area 2</u>                                    |                                                           |                   | Lincoln (a)                                                             | Umatilla                |                   |
| Cable Splicers                                   | 27.59                                                     | 6.36              | Linn (a)                                                                | Union                   |                   |
| Journeyman Lineman                               | 25.00                                                     | 6.26              | <u>Area 2</u>                                                           |                         |                   |
| Line Equip. Oper.                                | 21.17                                                     | 6.10              | Benton (b)                                                              | Harney                  | Lincoln (b)       |
| Groundman                                        | 15.45                                                     | 4.82              | Crook                                                                   | Jackson                 | Linn (b)          |
| <u>Area 1</u> All counties except Malheur County |                                                           |                   | Coos                                                                    | Jefferson               | Malheur (b)       |
| <u>Area 2</u> Malheur County                     |                                                           |                   | Curry                                                                   | Josephine               | Wasco (b)         |
| <u>Group 1</u>                                   | <u>Group 2</u>                                            |                   | Deschutes                                                               | Klamath                 | Wheeler           |
| Cable Splicers                                   | Certified Lineman Welder                                  |                   | Douglas                                                                 | Lake                    |                   |
| Leadman Pole Sprayer                             | Heavy Line Equipment Man                                  |                   | Grant                                                                   | Lane                    |                   |
| Lineman                                          |                                                           |                   | a) North Half                                                           |                         |                   |
| Pole Sprayer                                     |                                                           |                   | b) South Half                                                           |                         |                   |
|                                                  |                                                           |                   | <b>PAINTERS &amp; DRYWALL TAPERS</b>                                    |                         |                   |
|                                                  |                                                           |                   | Brush Painting                                                          | 19.60                   | 3.48              |

# OREGON DETERMINATION 99-02

| TRADE | BASIC  |         | TRADE | BASIC  |         |
|-------|--------|---------|-------|--------|---------|
|       | HOURLY | FRINGE  |       | HOURLY | FRINGE  |
|       | RATE   | BENEFIT |       | RATE   | BENEFIT |

## PAINTERS & DRYWALL TAPERS (Continued)

(Add \$0.60 to base rate for spray, sandblasting, other pressure blasting over 3000 PSI, and steam cleaning.)

(Add \$0.50 to base rate for work over 60 ft. high on swing stage, mechanical climber, spider or bucket truck.)

|                |       |      |
|----------------|-------|------|
| Drywall Tapers | 24.65 | 6.95 |
|----------------|-------|------|

## PLASTERERS

|                   |       |      |
|-------------------|-------|------|
| Nozzleman         | 25.91 | 6.36 |
| Swinging Scaffold | 24.91 | 6.36 |
| All Other Work    | 23.91 | 6.36 |

## PLUMBERS & STEAMFITTERS/PIPEFITTERS

|               |       |      |
|---------------|-------|------|
| Area 1 (Both) | 22.54 | 7.02 |
|---------------|-------|------|

Zone Differential for Area 1 Plumbers & Steamfitters/Pipefitters  
(Add to Zone 1 Rate)

|        |                  |
|--------|------------------|
| Zone 2 | \$ 1.20 per hour |
| Zone 3 | \$ 1.70 per hour |
| Zone 4 | \$ 2.50 per hour |
| Zone 5 | \$ 3.55 per hour |
| Zone 6 | \$30.32 per day  |

Zone 1: Projects within 15 miles of City Hall in the cities listed below.

Zone 2: More than 15 but less than 30.

Zone 3: More than 30 but less than 40.

Zone 4: More than 40 but less than 50.

Zone 5: More than 50 but less than 100.

Zone 6: More than 100 miles.

## PLUMBERS & STEAMFITTERS/PIPEFITTERS (Cont'd)

### Reference Cities for Area 1

Boise, Idaho  
Twin Falls, Idaho

With distances in Zone 6, 100 miles and beyond, there shall be a minimum of one hundred fifty-one dollars and sixty cents (\$151.60) per week or thirty dollars and thirty-two cents (\$30.32) per day worked.

**Note:** The above information applies only to Area 1.

|               |       |      |
|---------------|-------|------|
| Area 2 (Both) | 27.80 | 9.60 |
| Area 3 (Both) | 28.31 | 9.20 |

| <u>Area 1</u> | <u>Area 2</u> | <u>Area 3</u> |
|---------------|---------------|---------------|
| Baker         | Grant (b)     | All           |
| Harney (a)    | Morrow        | Remaining     |
| Malheur       | Umatilla      | Counties      |
|               | Wallowa       |               |
|               | Union         |               |

a) Except Northwest Portion  
b) Except Southwest Corner

## POWER EQUIPMENT OPERATORS

### Zone 1 (Base Rate)

|         |       |      |
|---------|-------|------|
| Group 1 | 25.91 | 8.20 |
| Group 2 | 25.00 | 8.20 |
| Group 3 | 24.30 | 8.20 |
| Group 4 | 23.83 | 8.20 |
| Group 5 | 23.27 | 8.20 |
| Group 6 | 21.10 | 8.20 |

# OREGON DETERMINATION 99-02

|       | BASIC  |         | BASIC  |         |
|-------|--------|---------|--------|---------|
|       | HOURLY | FRINGE  | HOURLY | FRINGE  |
| TRADE | RATE   | BENEFIT | RATE   | BENEFIT |

## POWER EQUIPMENT OPERATORS (Continued)

**Note:** A Hazardous Waste Removal Differential must be added to the base rate if work is performed inside the boundary of a Federally Designated Waste Site. For information on this differential, call the Prevailing Wage Rate Coordinator at (503) 731-4074.

### Zone Rates

|        |      |
|--------|------|
| Zone 2 | 2.00 |
| Zone 3 | 3.00 |

### FOR THE FOLLOWING METROPOLITAN COUNTIES:

Multnomah; Clackamas; Marion; Yamhill; Washington and Columbia:

#### • **Zone map for this classification on page 72**

(A) All jobs or projects located in Multnomah, Clackamas and Marion counties, west of the western boundary of Mt Hood National Forest and west of mile post 30 on Interstate 84 and west of mile post 30 on State Hwy 26 and west of mile post 30 on Hwy 22 and all jobs located in Yamhill County, Washington County and Columbia County shall receive Zone 1 pay for all classifications.

(B) All jobs or projects located in the area outside the identified boundary above, but less than 50 miles from the Portland City Hall shall receive Zone 2 pay for all classifications.

© All jobs or projects located more than 50 miles from the Portland City Hall, but outside the identified border above, shall receive Zone 3 pay for all classifications.

### FOR THE FOLLOWING CITIES:

Albany; Bend; Coos Bay; Eugene; Grants Pass; Klamath Falls, Medford and Roseburg

(A) All jobs or projects located within 30 miles of the respective City Hall of the above mentioned cities shall receive Zone 1 pay for all classifications.

## POWER EQUIPMENT OPERATORS (Continued)

(B) All jobs or projects located more than 30 miles and less than 50 miles from the respective City Hall of the above mentioned cities shall receive Zone 2 pay for all classifications.

© All jobs or projects located more than 50 miles from the respective City Hall of the above mentioned cities shall receive Zone 3 pay for all classifications.

### ASPHALT

#### Group

|   |                                                                  |
|---|------------------------------------------------------------------|
| 6 | Plant Oiler                                                      |
| 6 | Plant Fireman                                                    |
| 6 | Pugmill Operator (any type)                                      |
| 6 | Truck mounted asphalt spreader, w/screed                         |
| 4 | Screed Operator                                                  |
| 5 | Extrusion Machine Operator                                       |
| 2 | Asphalt Plant Operator (any type)                                |
| 4 | Asphalt Paver Operator                                           |
| 5 | Roller Operator (any asphalt mix)                                |
| 4 | Diesel-Electric Engineer, Plant                                  |
| 5 | Asphalt Burner and Reconditioner Operator (any type), 84         |
| 4 | Roto-Mill, pavement profiler, under 6 ft lateral cut             |
| 5 | Roto-Mill, pavement profiler, ground man                         |
| 2 | Roto-Mill, pavement profiler operator, 6 ft lateral cut and over |

### BLADE

#### Group

|   |                                                                                 |
|---|---------------------------------------------------------------------------------|
| 6 | Blade Operator, pulled type                                                     |
| 4 | Blade Operator                                                                  |
| 4 | Blade Operator, Finish                                                          |
| 4 | Blade Operator, externally controlled by electronic, mechanical hydraulic means |
| 4 | Blade Operator, multi-engine                                                    |
| 2 | Auto Grader or "Trimmer" Operator                                               |

# OREGON DETERMINATION 99-02

BASIC  
HOURLY  
RATE

FRINGE  
BENEFIT

BASIC  
HOURLY  
RATE

FRINGE  
BENEFIT

TRADE

TRADE

## POWER EQUIPMENT OPERATORS (Continued)

### BULLDOZERS

Group

- 4 Bulldozer Operator
- 4 Drill Cat Operator
- 4 Side-Boom Operator
- 2 Tandem bulldozer operator (quadnine & similar type, D-11)
- 4 Bulldozer Operator, twin engine (TC12 and similar type, D-10)
- 4 Cable-Plow Operator (any type)

### CLEARING

Group

- 4 Log Skidder Operator
- 4 Chipper Operator
- 4 Incinerator Operator
- 4 Stump Splitter Operator
- 4 Faller/Buncher Operator

### COMPRESSORS

Group

- 6 Compressor Operator (any power), under 1,250 cu. ft. total capacity.
- 5 Compressor Operator (any power), over 1,250 cu. ft. total capacity.

### COMPACTORS – Self-Propelled

Group

- 5 Compactor Operator, including vibratory
- 5 Wagner Patco Operator or similar type (without blade)
- 4 Compactor Operator, with blade
- 4 Compactor Operator, multi-engine

### CONCRETE

Group

- 6 Plant Oiler
- 6 Assistant Conveyor Operator
- 6 Conveyor Operator

## POWER EQUIPMENT OPERATORS (Continued)

### CONCRETE (Continued)

Group

- 6 Mixer Box Operator (C.T.B., dry batch, etc.)
- 6 Cement Hog Operator
- 6 Concrete Saw Operator
- 6 Wire Mat or Brooming Machine Operator
- 5 Combination Mixer and Compressor Operator, Guniting work
- 5 Belcrete Operator
- 5 Pumpcrete Operator (any type)
- 5 Pavement Grinder and/or Grooving Machine Operator (riding type)
- 4 Mixer Mobile Operator
- 5 Cement Pump Operator, Fuller-Kenyon and similar
- 5 Concrete Pump Operator
- 5 Grouting Machine Operator
- 4 Screed Operator
- 4 Concrete Cooling Machine Operator
- 5 Concrete Mixer Operator, single drum, any capacity
- 2 Batch Plant and/or Wet Mix Operator 1 and 2 drum
- 1 Batch Plant and/or Wet Mix Operator, 3 units or more
- 5 Cast in place pipe laying machine
- 5 Maginnis Internal Full Slab Vibrator Operator
- 5 Concrete Finishing Machine Operator, Clary, Johnson, Bidwell, Burgess bridge deck or similar type
- 5 Curb Machine Operator, Mechanical Berm, Curb and/or Curb and Gutter
- 5 Concrete Joint Machine Operator
- 5 Concrete Planer Operator
- 5 Tower Mobile Operator
- 5 Power Jumbo Operator setting slip forms etc., in tunnels
- 5 Slip Form Pumps, power driven hydraulic lifting device for concrete forms
- 5 Concrete Paving Machine Operator
- 5 Concrete Finishing Machine Operator
- 5 Concrete Spreader Operator
- 4 Concrete Paving Road Mixer
- 4 Reinforced Tank Banding Machine (K-17 or similar types)
- 2 Concrete Profiler, Diamond Head

# OREGON DETERMINATION 99-02

| TRADE | BASIC  |         | TRADE | BASIC  |         |
|-------|--------|---------|-------|--------|---------|
|       | HOURLY | FRINGE  |       | HOURLY | FRINGE  |
|       | RATE   | BENEFIT |       | RATE   | BENEFIT |

## POWER EQUIPMENT OPERATORS (Continued)

### CONCRETE (Continued)

#### Group

- 2 Automatic Concrete Slip Form Paver Oper.
- 2 Concrete Canal Line Operator
- 4 Concrete Breaker

### CRANE

#### Group

- 6 Oiler
- 6 Truck Crane Oiler-Driver, 25 ton capacity or over
- 6 Fireman, all equipment
- 6 A-Frame Truck Operator, single drum
- 6 Tugger or Coffin Type Hoist Operator
- 5 Helicopter Hoist Operator
- 5 Hoist Operator, single drum
- 5 Elevator Operator
- 5 A-Frame Truck Operator, double drum
- 5 Boom Truck Operator
- 4 Chicago Boom and similar types
- 4 Lift Slab Machine Operator
- 4 Boom Type lifting device, 5 ton capacity or less
- 4 Cherry Picker or similar type crane-hoist, 5 ton capacity or less
- 4 Hoist Operator, two drum
- 4 Hoist Operator, three or more drums
- 4 Derrick Operator, under 100 tons
- 4 Hoist Operator, stiff leg, guy derrick or similar type, 50 ton and over
- 4 Cableway Operator, up to 25 tons
- 4 Bridge Crane Operator, Locomotive, Gantry, Overhead
- 2 Cableway Operator, 25 tons and over
- 1 Helicopter Operators, when used in erecting work

### HYDRAULIC CRANE OPERATOR

#### Group

- 5 Hydraulic Boom Truck Operator, Pittman
- 4 Hydro Crane Operator, under 50 tons

## POWER EQUIPMENT OPERATORS (Continued)

### HYDRAULIC CRANE OPERATOR (Continued)

#### Group

- 3 Hydro Crane Operator, 50 tons – 89 tons
- 2 Hydro Crane Operator, 90 tons – 199 tons
- 1 Hydro Crane Operator, 200 tons and over

### TOWER/WHIRLEY OPERATOR

#### Group

- 2 Tower Crane Operator
- 2 Whirley Operator, under 90 tons
- 1 Whirley Operator, 90 tons and over

### LATTICE BOOM CRANE OPERATOR

#### Group

- 4 Lattice Boom Crane Operator, under 50 tons
- 3 Lattice Boom Crane Operator, 50 tons through 89 tons, & less than 250 ft boom
- 2 Lattice Boom Crane Operator, 90 tons through 199 tons, and/or 150 ft-200 ft boom
- 1 Lattice Boom Crane (Operator, 200 tons and over, and/or over 200 ft boom

### CRUSHER

#### Group

- 6 Crusher Oiler
- 6 Crusher Feeder
- 4 Generator Operator
- 4 Diesel-Electric Engineer
- 4 Grizzly Operator
- 2 Crusher Plant Operator

### DRILLING

#### Group

- 6 Drill Assistant
- 6 Auger Oiler
- 5 Churn Drill and Earth Boring Machine Operator

# OREGON DETERMINATION 99-02

| TRADE | BASIC  |         | TRADE | BASIC  |         |
|-------|--------|---------|-------|--------|---------|
|       | HOURLY | FRINGE  |       | HOURLY | FRINGE  |
|       | RATE   | BENEFIT |       | RATE   | BENEFIT |

## POWER EQUIPMENT OPERATORS (Continued)

### DRILLING (Continued)

- 4 Drill Doctor
- 4 Boring Machine Operator
- 4 Driller – Percussion, Diamond, Core, Cable, Rotary and similar type
- 4 Cat Drill (John Henry)

### FLOATING EQUIPMENT

#### Group

- 6 Deckhand
- 6 Boatman
- 5 Fireman
- 4 Diesel-Electric Engineer
- 4 Jack Operator – Elevating Barges
- 4 Barge Operator, self-unloading
- 4 Piledriver Operator (not crane type)
- 4 Floating Clamshell, etc. Operator, under 3 cu. yd. (only for construction projects - otherwise see "Dredging")
- 4 Floating Crane (derrick barge) Operator, less than 30 tons
- 2 Floating Clamshell, etc. Operator, 3 cu. yd. and over (only for construction projects - otherwise see "Dredging")
- 2 Floating Crane (derrick barge) Operator, 30 tons but less than 150 tons
- 1 Floating Crane, 150 tons and over

### FORK LIFT

#### Group

- 6 Self-Propelled Scaffolding Operator (excluding working platform)
- 6 Fork Lift or Lumber Stacker Operator
- 6 Ross Carrier Operator
- 5 Lull Hi-Lift Operator or similar type
- 5 Fork Lift, over 5 tons
- 3 Rock Hound Operator

### GUARDRAIL EQUIPMENT

#### Group

- 6 Oiler
- 6 Auger Oiler

## POWER EQUIPMENT OPERATORS (Continued)

### GUARDRAIL EQUIPMENT (Continued)

- 6 Oiler, combination guardrail machines
- 4 Guardrail Punch Operator (all types)
- 6 Guardrail Punch Oiler
- 4 Guardrail Auger Operator (all types)
- 4 Combination Guardrail machines, i.e. Punch, Auger etc.

### HAZARDOUS WASTE REMOVAL

- 5 Assistant to the Engineer (Oiler)
- 4 Assistant Incinerator Control Board Oper.
- 3 Incinerator Control Board Operator

### HEATING PLANT

#### Group

- 6 Temporary Heating Plant Operator
- 4 Surface Heater and Planer Operator

### HYDRAULIC HOES

#### Group

- 5 Hydraulic Backhoe Operator, wheel type 3/8 cu. yd. And under with or without front end attachments 2 ½ cu. yd. and under (Ford, John Deere, Case type)
- 4 Hydraulic Backhoe Operator, Track Type 3/8 cu. yd. (Note: Over 3/8 cu. yd. takes shovel classification rate)

### LOADERS

#### Group

- 6 Bobcat, Skid Steer (under 1 cubic yard)
- 6 Bucket Elevator Loader Operator, Barber-Greene and similar types
- 5 Loaders, rubber-tired type, 2 ½ cu. yd. and under
- 5 Elevating Grader Operator, Tractor Towed requiring Operator or Grader
- 4 Belt Loader Operator, Kolman and Ko Cal types
- 4 Loader Operator, front end and overhead, 2 ½ cu. yd. and under 4 cu. yd.



# OREGON DETERMINATION 99-02

| TRADE | BASIC  |         | TRADE | BASIC  |         |
|-------|--------|---------|-------|--------|---------|
|       | HOURLY | FRINGE  |       | HOURLY | FRINGE  |
|       | RATE   | BENEFIT |       | RATE   | BENEFIT |

## POWER EQUIPMENT OPERATORS (Continued)

### LOADERS (Continued)

#### Group

- 4 Elevating Loader Operator, Athey and similar types
- 4 Elevating Grader Operator, Sierra, Euclid or similar types
- 3 Loader Operator, 4 cu. yd. but less than 6 cu. yd.
- 2 Loader Operator, 6 cu. yd. and over

### OILERS

#### Group

- 6 Oiler
- 6 Guardrail Punch Oiler
- 6 Truck Crane Oiler-Driver, 25 ton or over
- 6 Auger Oiler
- 6 Grade Oiler, required to check grade
- 5 Service Oiler (Greaser)
- 6 Grade Checker

### PILEDRIERS

(Use Crane rates when driving or pulling piling)

#### Group

- 4 Hammer Operator
- 4 Piledriver Operator (not crane type)

### PIPE LINE - Sewer Water

#### Group

- 6 Tar Pot Fireman
- 6 Tar Pot Fireman (power agitated)
- 6 Hydraulic Pipe Press Operator
- 5 Hydra Hammer or similar types
- 5 Pavement Breaker Operator
- 4 Pipe Cleaning Machine Operator
- 4 Pipe Doping Machine Operator
- 4 Pipe Bending Machine Operator
- 4 Pipe Wrapping Machine Operator
- 4 Boring Machine Operator
- 4 Back Filling Machine Operator

## POWER EQUIPMENT OPERATORS (Continued)

### PUMPS

#### Group

- 6 Pump Operator, any power
- 6 Hydrostatic Pump Operator
- 5 Pump Operator, more than 5 (any size)
- 5 Pot Rammer Operator

### RAILROAD EQUIPMENT

#### Group

- 6 Brakeman
- 6 Oiler
- 6 Switchman
- 6 Motorman
- 6 Ballast Jack Tamper Operator
- 5 Locomotive Operator
- 5 Ballast Regulator Operator
- 4 H.D. Mechanic
- 5 Ballast Tamper Multi-Purpose Operator
- 5 Track Liner Operator
- 5 Tie Spacer Operator
- 5 Shuttle Car Operator

### REMOTE CONTROL

#### GROUP

- 2 Remote controlled earth-moving equipment

### REPAIRMEN, Heavy Duty

#### Group

- 6 Parts Man (Tool Room)
- 6 H.D. Repairman Assistant
- 6 Welder's Assistant
- 4 Diesel-Electric Engineer (Plant or Floating)
- 4 Bolt Threading Machine Operator
- 4 Drill Doctor (Bit Grinder)
- 4 H.D. Mechanic
- 4 H.D. Welder
- 4 Machine Tool Operator
- 4 Combination H.D. Mechanic-Welder, when dispatched and/or when required to do both
- 4 Welder - Certified, when dispatched and/or required

# OREGON DETERMINATION 99-02

| TRADE | BASIC  |         | TRADE | BASIC  |         |
|-------|--------|---------|-------|--------|---------|
|       | HOURLY | FRINGE  |       | HOURLY | FRINGE  |
|       | RATE   | BENEFIT |       | RATE   | BENEFIT |

## POWER EQUIPMENT OPERATORS (Continued)

### RUBBER -TIRED SCRAPERS

#### Group

- 4 Rubber-tired Scraper Operator, single engine, single scraper
- 4 Self-loading, paddle wheel, auger type under 15 cu. yd.
- 4 Rubber-tired Scraper Operator, twin engine
- 4 Rubber-tired Scraper Operator, with push-pull attachments.
- 3 Rubber-tired Scraper Operator, with tandem scraper
- 2 Rubber-tired Scraper Operator, with tandem scrapers, multi-engine
- 4 Self-loading, paddle wheel, auger type 15 cu. yd. and over, single engine
- 3 Self-loading, paddle wheel, auger type, finish and/or 2 or more units

### SHOVEL, DRAGLINE, CLAMSHELL, BACKHOE, SKOOPER, ETC., OPERATOR

#### Group

- 6 Oiler
- 6 Grade Oiler (required to check grade)
- 6 Grade Checker
- 6 Fireman
- 4 Diesel-Electric Engineer
- 4 Stationary Drag Scraper Operator
- 4 Shovel, Dragline, Clamshell, Hoe etc., Operator under 3 cu. yd.
- 4 Grade-all Operator
- 2 Shovel, Dragline, Clamshell, Hoe etc., Operator 3 cu. yd. and over

### SIGNALMAN

#### Group

- 6 Bell Boy, phones, etc., Operator
- 6 Helicopter Radioman (ground)

## POWER EQUIPMENT OPERATORS (Continued)

### SURFACING (BASE) MATERIAL

#### Group

- 6 Roller Operator, grading of base rock (not asphalt)
- 5 Roller Operator, Oiling, C.T.B.
- 6 Tamping Machine Operator, mechanical, self-propelled
- 5 Hydrographic Seeder Machine Operator, straw, pulp or seed.
- 5 Rock Spreaders, self-propelled
- 5 Pulva-mixer or similar types
- 4 Blade Mounted Spreaders, Ulrich and similar types
- 5 Chip Spreading Machine Operator
- 5 Lime Spreading Operator

### SWEEPERS

- 6 Broom Operator, self-propelled
- 5 Sweeper Operator (Wayne type) self-propelled

### TRACTOR-RUBBER TIRED

- 5 Tractor Operator, rubber-tired, 50 H.P. Flywheel and under
- 4 Tractor Operator, rubber-tired, over 50 H.P. Flywheel
- 4 Tractor Operator, with boom attachment
- 4 Rubber-tired Dozers and Pushers (Michigan, Cat, Hough type)

### TRENCHING MACHINE

- 6 Oiler
- 6 Grade Oiler (required to check grade)
- 5 Trenching Machine Operator, maximum digging capacity 3 ft. depth
- 4 Trenching Machine Operator, maximum digging capacity over 3 ft. depth
- 4 Back Filling Machine Operator
- 2 Wheel Excavator
- 2 Canal Trimmer
- 2 Band Wagon (in conjunction with wheel excavator)

# OREGON DETERMINATION 99-02

| TRADE | BASIC  |         |        | TRADE | BASIC   |  |
|-------|--------|---------|--------|-------|---------|--|
|       | HOURLY | FRINGE  | HOURLY |       | FRINGE  |  |
|       | RATE   | BENEFIT | RATE   |       | BENEFIT |  |

## POWER EQUIPMENT OPERATORS (Continued)

### TUNNEL

#### Group

|   |                                   |
|---|-----------------------------------|
| 4 | Mucking Machine Operator          |
| 6 | Conveyor Operator (any type)      |
| 4 | Shield Operator                   |
| 6 | Air filtration Equipment Operator |
| 6 | Dinkey Operator                   |
| 6 | Oiler                             |
| 4 | Tunnel Boring Machine Operator    |

### UNDERWATER EQUIPMENT

#### Group

|   |                                                                                    |
|---|------------------------------------------------------------------------------------|
| 2 | Underwater Equipment Operator, remote or otherwise, when used in construction work |
|---|------------------------------------------------------------------------------------|

### WELDING MACHINES

#### Group

|   |                          |
|---|--------------------------|
| 6 | Welding Machine Operator |
|---|--------------------------|

### ROOFERS

#### Area 1

|                              |       |      |
|------------------------------|-------|------|
| Roofers                      | 21.30 | 5.85 |
| Handling coal tar pitch      | 23.43 | 5.85 |
| Remove fiberglass insulation | 23.43 | 5.85 |

#### Area 2

|         |       |      |
|---------|-------|------|
| Roofers | 17.64 | 6.25 |
|---------|-------|------|

(Add \$2.00 per hour to Fringe for work with Irritable Bituminous material.)

#### Area 1

Clackamas  
Clatsop  
Columbia  
Multnomah  
Tillamook  
Washington

#### Area 2

Benton  
Douglas  
Lane  
Lincoln  
Linn  
Marion  
Polk  
Yamhill

## SHEET METAL WORKERS

### Area 1

24.03 9.73

(Add \$1.00 to base rate for work performed on any swinging platform, swinging chair or swinging ladder)

(Add \$1.00 to base rate for work with lead or installing material in a plant that uses lead in any form to manufacture a product. (excluding soldering)

(Add \$1.00 to base rate for work performed in a confined space as defined by OSHA.)

### Area 2

20.10 7.17

(Add \$1.75 to base rate for work performed whenever it is possible for worker to fall 30 feet or more

(Add \$1.75 to base rate for work performed in an area where epoxy resins or other injurious chemicals are being applied)

### Area 3

24.43 8.09

(Add \$1.00 to base rate for work where it is necessary to wear a chemically activated face mask)

(Add \$1.00 to base rate for work where employees required to wear a fresh air mask due to nuclear related work)

(Add \$.45 to base rate for work on a swinging stage, swinging scaffold or bosun chair in excess of 30 feet above the ground)

### Area 4

20.82 8.26

#### Area 1

|           |            |           |            |
|-----------|------------|-----------|------------|
| Benton    | Gilliam    | Linn      | Wasco      |
| Clackamas | Grant      | Marion    | Washington |
| Clatsop   | Harney     | Wheeler   | Wheeler    |
| Columbia  | Hood River | Yamhill   | Yamhill    |
| Crook     | Jefferson  | Sherman   |            |
| Deschutes | Lincoln    | Tillamook |            |

# OREGON DETERMINATION 99-02

| TRADE | BASIC  |         | TRADE | BASIC  |         |
|-------|--------|---------|-------|--------|---------|
|       | HOURLY | FRINGE  |       | HOURLY | FRINGE  |
|       | RATE   | BENEFIT |       | RATE   | BENEFIT |

## SHEET METAL WORKERS (Continued)

| <u>Area 2</u> | <u>Area 3</u> | <u>Area 4</u> |
|---------------|---------------|---------------|
| Baker         | Morrow        | Douglas       |
| Malheur       | Umatilla      | Jackson       |
|               | Union         | Josephine     |
|               |               | Klamath       |
|               |               | Lake          |

**SOFT FLOOR LAYERS**                      **21.26**      **5.68+a**

a) Plus 4% of basic hourly rate for employees with less than one year of service, 6% for those with more than one year.

**SPRINKLER FITTERS**                      **24.40**      **7.90**

**TENDERS TO MASON TRADES**      **22.24**      **6.45**

Tenders to Bricklayers and Stone Masons, Mortar Mixers

(Add \$0.50 to base rate for refractory work)

(Add to base rate an amount equal to that received for safety belt requirements or other unusual job conditions by the mechanic this worker is tending)

**TENDERS TO PLASTERERS**              **21.19**      **6.45**

**TILE SETTER/  
TERRAZZO WORKER**                      **23.23**      **6.50**

(This trade is tended by "Tile, Terrazzo, Brick & Marble Finishers")

(Add \$.50 to base rate if safety belt required by State safety regulations.)

(Add \$1.00 to base rate if work involves epoxy, furnane, alklor acetylene black grouting or waterproof membrane.)

**TILE, TERRAZZO, BRICK  
& MARBLE FINISHERS**                      **17.39**      **4.97**

## TILE, TERRAZZO, BRICK & MARBLE FINISHERS (Continued)

Assists Tile Setters, Bricklayers, Marble Masons and Terrazzo Workers by striking, sawing, cleaning, washing or grouting. Does not lay or set any material.

(Add \$.50 to base rate if safety belt required by State safety regulations)

(Add \$1.00 to base rate if work involves epoxy, furnane, alklor acetylene black grouting or waterproof membrane.)

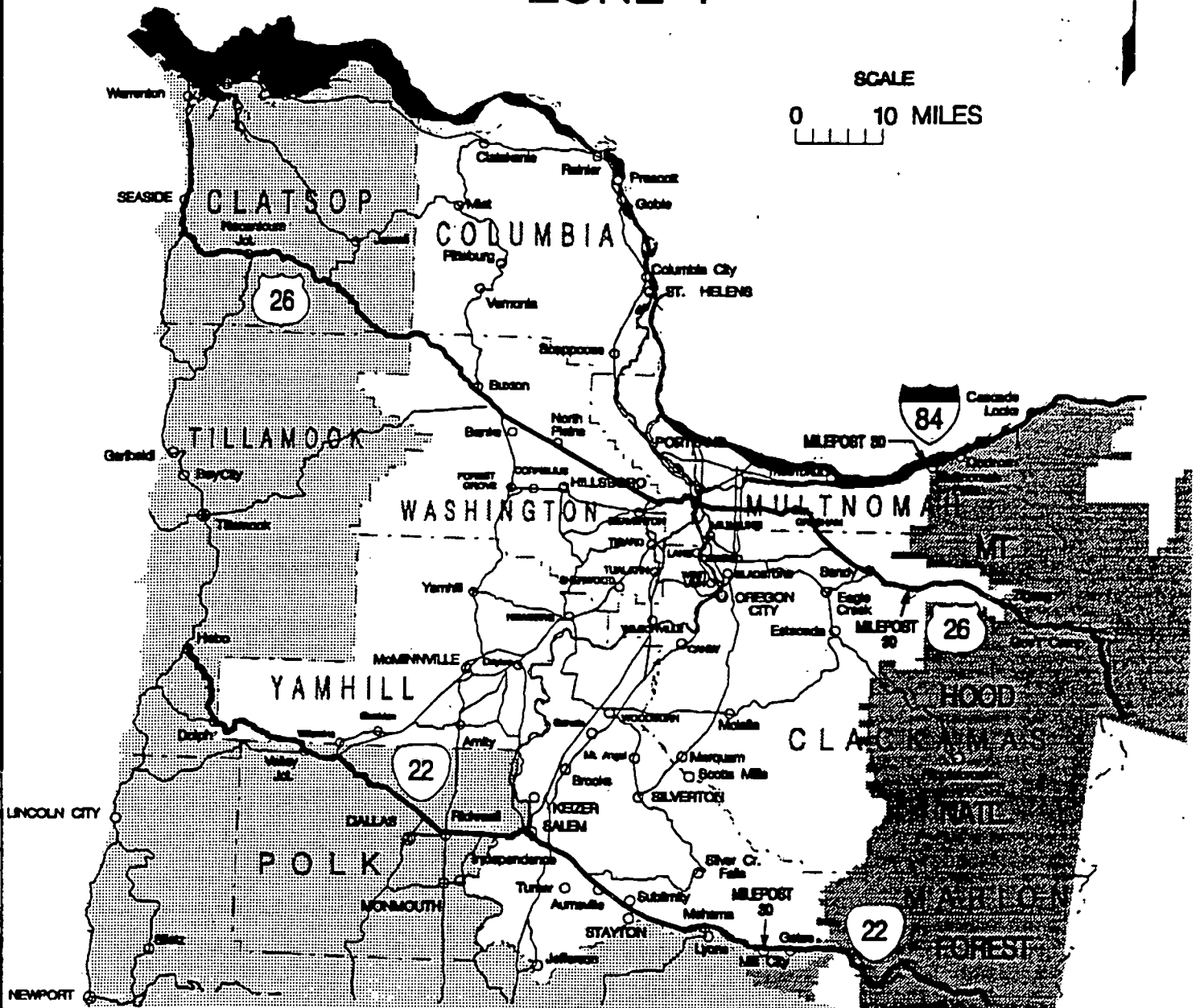
(Add \$0.75 to fringe for refractory repair work.)

## TRUCK DRIVERS

**NOTE: "THE SURVEY DATA REGARDING THIS CLASSIFICATION INDICATES THAT THERE IS ONE STATEWIDE RATE FOR ALL TRUCK DRIVERS. PLEASE REFER TO THE APPROPRIATE PROJECT COUNTY IN THE "OCCUPATIONS BY REGIONS" SECTION OF THIS BOOKLET."**

# BUREAU OF LABOR AND INDUSTRIES Wage and Hour Division

## ZONE 1



**LIST OF CONTRACTORS INELIGIBLE  
TO RECEIVE PUBLIC WORKS CONTRACTS**

**Publication Date: July 1, 1999**

To: All Oregon Contracting Agencies

Pursuant to ORS 279.361, contractors on this list are ineligible to receive public works contracts subject to the Prevailing Wage Rate Law. These contractors and subcontractors, as well as any firm, corporation, partnership or association in which the contractor or subcontractor has a financial interest are ineligible to receive public works contracts until removed from this list.

If you have questions regarding the list or for the most current information regarding persons ineligible to receive prevailing wage contracts, please contact the Prevailing Wage Rate Coordinator, (Portland) 731-4074 Ext. 250.

|    | <u>CONTRACTOR NAME</u>                                                                                            | <u>DATE PLACED</u> | <u>REMOVAL DATE</u> |
|----|-------------------------------------------------------------------------------------------------------------------|--------------------|---------------------|
| 1. | B.A.M. Electric Company, Inc.<br>3718 Altamont Drive<br>Klamath Falls, OR 97603                                   | July 22, 1998      | July 21, 2001       |
| 2. | CMJ Construction, Inc. and<br>Clifford M. Johnson<br>2256 S.Glenmorrie Drive<br>Lake Oswego, OR 97034             | October 15, 1998   | October 14, 1999    |
| 3. | E. Gene Kasey dba<br>Empire Landscaping<br>4714 SE 104th<br>Portland, OR 97266                                    | April 1, 1999      | March 31, 2002      |
| 4. | Del Gilman dba<br>Del Gilman Painting<br>1766 Henderson<br>Eugene, OR 97403                                       | April 1, 1999      | March 31, 2002      |
| 5. | Lisa A. Wiese dba<br>L & G Interiors<br>P.O. Box 2218<br>Clackamas, OR 97015                                      | April 20, 1998     | April 19, 2001      |
| 6. | Larson Construction Co., Inc. and<br>David M. Larson<br>485 SE 5th<br>Warrenton, OR 97146                         | July 22, 1998      | July 21, 2001       |
| 7. | Pro Fit Development, Inc., Karl O. Johnson, and<br>Devin Luzier<br>1501 Green Siding Rd.<br>Roseburg, OR 97470    | April 20, 1998     | April 19, 2001      |
| 8. | Westside Landscape, Inc., an Oregon Corporation,<br>and Tim Barnes<br>590 Greenwood Rd.<br>Independence, OR 97351 | May 4, 1998        | May 3, 2001         |

**OREGON BUREAU OF LABOR AND INDUSTRIES  
JACK ROBERTS, COMMISSIONER**

BUREAU OF LABOR AND INDUSTRIES - WAGE AND HOUR DIVISION

INSTRUCTIONS FOR COMPLETING PAYROLL/CERTIFIED STATEMENT FORM

**General:** This form meets needs resulting from the 1983 amendments to the prevailing wage rate law. Under this amended law, the contractor is required to pay not less than fringe benefits as predetermined by the Bureau of Labor and Industries, in addition to payment of not less than the predetermined rates. The contractor's obligation to pay fringe benefits may be met either by payment of the benefits to the various plans, funds, or programs or by making these payments to the employees as cash in lieu of fringe benefits.

This form provides for the contractor's showing of the payroll and all monies paid to the employees, whether as basic rates or as cash in lieu of fringe benefits, and provides for the contractor's representation in the payroll/certified statement that he/she is paying other benefits required by the contract and not paid as cash in lieu of fringe benefits. Detailed instructions concerning the preparation of the form follow:

Complete the box at the top of the form. Complete the appropriate prime contractor or subcontractor box. Be sure to enter the date the contract was first advertised for bid. If you are not sure of this date, contact the Public Contracting Agency.

**Column 1 - Name and Address of Employee:** The employee's full name must be shown on each payroll submitted. The employee's address must also be shown on the first payroll submitted. The address need not be shown on subsequent payrolls unless the address changes.

**Column 2 - Trade Classifications:** List the classification found in the Bureau of Labor and Industries' publication "Prevailing Wage Rates for Public Works Contracts in Oregon," which is most descriptive of the work actually performed by the employee. Give the group number for those worker classifications which include such information. Consult the worker classifications and minimum prevailing wage rate schedule set forth in contract specifications. Refer to the appropriate prevailing wage rates in effect at the time the contract was first advertised for bid for information regarding trade classifications, basic hourly rates, and hourly fringe benefits. Indicate which workers are apprentices, if any, and give their current percentage, trade classification, and group number when applicable. If additional worker classifications are deemed necessary, contact the public contracting agency. If an employee works in more than one worker classification, use the highest rate for all hours worked, or use separate line entries to show hours worked, rate of pay, and fringe benefit for each classification.

**Column 3 - DAY AND DATE:** Enter the day of the week (M, T, W, Th, F, S, Sn) in the top row of boxes, and the number of the day of the month below.

**- HOURS WORKED EACH DAY:** Contractors who have adopted a written work schedule of four consecutive ten hour days, Monday through Thursday or Tuesday through Friday may enter hours worked over 10 in a day as overtime hours.

**Column 4 - Total Hours:** Enter separately the total number of overtime hours and straight time hours worked by each listed classification during this pay period; overtime ("OT") on top, straight time ("S") immediately below.

**Column 5 - Basic Hourly Rate of Pay:** Enter the basic hourly rate and the overtime hourly rate (if any) paid the employee in the appropriate overtime and straight time boxes. Payment of not less than one and one half times the basic or regular rate paid is required for overtime under ORS 279.334.

**Column 6 - Hourly Fringe Benefit Paid as Wages to the Employee:** Enter any additional cash paid directly to the employee in lieu of fringe benefits. It is not necessary to pay time and a half for overtime work on those wages which are paid in lieu of fringe benefits.

**Column 7 - Gross amount earned:** Enter the gross wages earned by the worker in this classification for all listed straight time hours, all listed overtime hours, and including all additional amounts paid directly to the employee.

## INSTRUCTIONS FOR COMPLETING PAYROLL/CERTIFIED STATEMENT FORM

**Column 8 - Total Deductions, FICA, FED, STATE, ETC:** Enter the total amount of deductions withheld from each employee for just those hours reported on this payroll/certified statement for this project. All deductions must be in accordance with the provisions of ORS 652.610.

**Column 9 - Net Wages Paid for Week:** Enter the amount of wage actually paid to the employee after subtracting the total deductions reported in Column 8 from the gross amount earned shown in Column 7.

**Column 10 - Hourly Fringe Benefit Paid to Party, Plan, Fund or Program:** Enter the hourly amount of fringe benefits paid to each individually approved party, plan, fund or program for each employee. List these amounts separately on the lines provided. Any contractor who is making payments to approved parties, plans, funds or programs in amounts less than the required hourly fringe benefit is obligated to pay the difference directly to the employee as wages in lieu of fringe benefits, and to show that amount in Column 6 of this form.

**Column 11 - Name of Benefit Party, Plan, Fund or Program:** Enter the name of the party, plan, fund or program that corresponds to the amount shown as an hourly fringe benefit in Column 10.

**Summary** - In order to determine if the wages and fringe benefits being certified by this statement are sufficient to meet prevailing wage rate requirements, the following check may be performed:

1. Consider each Trade Classification listed in Column 2.
2. For that Trade Classification, take the sum of:
  - a) the Basic Hourly Rate of Pay (Column 5),
  - b) the Hourly Fringe Benefit Paid as Wage to Employee (Column 6),
  - c) and the Hourly Fringe Benefit Paid To Party, Plan, Fund or Program (Column 10).
3. This sum must equal or exceed the sum of the Basic Hourly Rate (including zone pay and special wage differentials, if any) and the Fringe Benefit as they are listed for that Trade Classification in the appropriately dated issue of the Bureau of Labor and Industries publication Prevailing Wage Rates for Public Works Contracts in Oregon.

◆◆◆

**NOTICE TO CONTRACTORS:** YOU ARE NO LONGER REQUIRED TO SUBMIT COPIES OF THE PAYROLL/CERTIFIED STATEMENT TO THE BUREAU OF LABOR AND INDUSTRIES. THE STATEMENT MUST BE SUBMITTED TO THE PUBLIC CONTRACTING AGENCY.



PRIME CONTRACTOR ☐  
SUBCONTRACTOR ☐

FIRST ☐ 90 DAY ☐ LAST ☐

|                        |                          |                        |                 |
|------------------------|--------------------------|------------------------|-----------------|
| Business Name (DBA):   | CCB Registration Number: | Project Name:          | Project Number: |
| Phone: (    )          |                          | Type of Work:          |                 |
| Street Address:        |                          | Project Location:      |                 |
| Mailing Address:       |                          | Project County:        |                 |
| Date Pay Period Began: |                          | Date Pay Period Ended: |                 |

**THIS SECTION FOR PRIME CONTRACTORS ONLY**

Public Contracting Agency Name:  
Phone: (    )  
Date Contract Specifications First Advertised For Bid:  
Contract Amount

**THIS SECTION FOR SUBCONTRACTORS ONLY**

Subcontract Amount:  
Prime Contractor Business Name (DBA):  
Phone: (    ) CCB Registration Number:  
Date You Began Work On The Project:

| (1)                             | (2)                                                            | (3) DAY AND DATE | (4)                   | (5) | (6) | (7) | (8) | (9) | (10) | (11)           |                                   |                                                            |                           |                                                 |                              |                                                                        |                                                  |  |
|---------------------------------|----------------------------------------------------------------|------------------|-----------------------|-----|-----|-----|-----|-----|------|----------------|-----------------------------------|------------------------------------------------------------|---------------------------|-------------------------------------------------|------------------------------|------------------------------------------------------------------------|--------------------------------------------------|--|
| NAME AND ADDRESS OF<br>EMPLOYEE | TRADE,<br>CLASSIFICATION<br>(INCLUDE GROUP<br># IF APPLICABLE) |                  | HOURS WORKED EACH DAY |     |     |     |     |     |      | TOTAL<br>HOURS | BASIC<br>HOURLY<br>RATE OF<br>PAY | HOURLY<br>FRINGE<br>BENEFIT PAID<br>AS WAGE TO<br>EMPLOYEE | GROSS<br>AMOUNT<br>EARNED | TOTAL<br>DEDUCTION<br>FICA, FED,<br>STATE, ETC. | NET WAGE<br>PAID FOR<br>WEEK | HOURLY FRINGE<br>BENEFIT PAID TO<br>PARTY, PLAN,<br>FUND OR<br>PROGRAM | NAME OF BENEFIT PARTY,<br>PLAN, FUND, OR PROGRAM |  |
|                                 |                                                                |                  |                       |     |     |     |     |     |      |                |                                   |                                                            |                           |                                                 |                              |                                                                        |                                                  |  |
|                                 |                                                                | OT               |                       |     |     |     |     |     |      |                |                                   |                                                            |                           |                                                 |                              |                                                                        |                                                  |  |
|                                 |                                                                | S                |                       |     |     |     |     |     |      |                |                                   |                                                            |                           |                                                 |                              |                                                                        |                                                  |  |
|                                 |                                                                | OT               |                       |     |     |     |     |     |      |                |                                   |                                                            |                           |                                                 |                              |                                                                        |                                                  |  |
|                                 |                                                                | S                |                       |     |     |     |     |     |      |                |                                   |                                                            |                           |                                                 |                              |                                                                        |                                                  |  |
|                                 |                                                                | OT               |                       |     |     |     |     |     |      |                |                                   |                                                            |                           |                                                 |                              |                                                                        |                                                  |  |
|                                 |                                                                | S                |                       |     |     |     |     |     |      |                |                                   |                                                            |                           |                                                 |                              |                                                                        |                                                  |  |
|                                 |                                                                | OT               |                       |     |     |     |     |     |      |                |                                   |                                                            |                           |                                                 |                              |                                                                        |                                                  |  |
|                                 |                                                                | S                |                       |     |     |     |     |     |      |                |                                   |                                                            |                           |                                                 |                              |                                                                        |                                                  |  |
|                                 |                                                                | OT               |                       |     |     |     |     |     |      |                |                                   |                                                            |                           |                                                 |                              |                                                                        |                                                  |  |
|                                 |                                                                | S                |                       |     |     |     |     |     |      |                |                                   |                                                            |                           |                                                 |                              |                                                                        |                                                  |  |

| (1)                          | (2)                                                   | (3) DAY AND DATE |                       |  |  |  |  |  |  | (4)         | (5)                      | (6)                                            | (7)                 | (8)                                    | (9)                    | (10)                                                       | (11)                                          |  |
|------------------------------|-------------------------------------------------------|------------------|-----------------------|--|--|--|--|--|--|-------------|--------------------------|------------------------------------------------|---------------------|----------------------------------------|------------------------|------------------------------------------------------------|-----------------------------------------------|--|
| NAME AND ADDRESS OF EMPLOYEE | TRADE, CLASSIFICATION (INCLUDE GROUP # IF APPLICABLE) |                  |                       |  |  |  |  |  |  | TOTAL HOURS | BASIC HOURLY RATE OF PAY | HOURLY FRINGE BENEFIT PAID AS WAGE TO EMPLOYEE | GROSS AMOUNT EARNED | TOTAL DEDUCTION FICA, FED, STATE, ETC. | NET WAGE PAID FOR WEEK | HOURLY FRINGE BENEFIT PAID TO PARTY, PLAN, FUND OR PROGRAM | NAME OF BENEFIT PARTY, PLAN, FUND, OR PROGRAM |  |
|                              |                                                       |                  | HOURS WORKED EACH DAY |  |  |  |  |  |  |             |                          |                                                |                     |                                        |                        |                                                            |                                               |  |
|                              |                                                       | OT               |                       |  |  |  |  |  |  |             |                          |                                                |                     |                                        |                        |                                                            |                                               |  |
|                              |                                                       | S                |                       |  |  |  |  |  |  |             |                          |                                                |                     |                                        |                        |                                                            |                                               |  |
|                              |                                                       | OT               |                       |  |  |  |  |  |  |             |                          |                                                |                     |                                        |                        |                                                            |                                               |  |
|                              |                                                       | S                |                       |  |  |  |  |  |  |             |                          |                                                |                     |                                        |                        |                                                            |                                               |  |
|                              |                                                       | OT               |                       |  |  |  |  |  |  |             |                          |                                                |                     |                                        |                        |                                                            |                                               |  |
|                              |                                                       | S                |                       |  |  |  |  |  |  |             |                          |                                                |                     |                                        |                        |                                                            |                                               |  |
|                              |                                                       | OT               |                       |  |  |  |  |  |  |             |                          |                                                |                     |                                        |                        |                                                            |                                               |  |
|                              |                                                       | S                |                       |  |  |  |  |  |  |             |                          |                                                |                     |                                        |                        |                                                            |                                               |  |
|                              |                                                       | OT               |                       |  |  |  |  |  |  |             |                          |                                                |                     |                                        |                        |                                                            |                                               |  |
|                              |                                                       | S                |                       |  |  |  |  |  |  |             |                          |                                                |                     |                                        |                        |                                                            |                                               |  |

**CERTIFIED STATEMENT**

I \_\_\_\_\_ DO HEREBY STATE:  
 (NAME OF SIGNATORY PARTY) (TITLE)

(1) THAT I PAY OR SUPERVISE THE PAYMENT OF THE PERSONS EMPLOYED BY; \_\_\_\_\_ ON THE \_\_\_\_\_  
 (CONTRACTOR, SUBCONTRACTOR OR SURETY) (BUILDING OR WORK)  
 THAT DURING THE PAYROLL PERIOD COMMENCING ON THE \_\_\_\_\_ DAY OF \_\_\_\_\_, 19\_\_\_\_, AND ENDING THE \_\_\_\_\_ DAY OF \_\_\_\_\_, 19\_\_\_\_  
 ALL PERSONS EMPLOYED ON SAID PROJECT HAVE BEEN PAID THE FULL WEEKLY WAGES EARNED, THAT NO REBATES HAVE BEEN OR WILL BE MADE EITHER DIRECTLY OR INDIRECTLY TO OR ON BEHALF OF SAID \_\_\_\_\_ FROM THE FULL WEEKLY WAGES EARNED BY ANY PERSON, AND THAT NO DEDUCTIONS HAVE BEEN MADE EITHER DIRECTLY OR INDIRECTLY FROM THE FULL WAGES EARNED BY ANY PERSON, OTHER THAN PERMISSIBLE DEDUCTIONS AS SPECIFIED IN ORS 652.610, AND DESCRIBED AS FOLLOWS:

(2) THAT ANY PAYROLLS OTHERWISE UNDER THIS CONTRACT REQUIRED TO BE SUBMITTED FOR THE ABOVE PERIOD ARE CORRECT AND COMPLETE; THAT THE WAGE RATES FOR WORKERS CONTAINED THEREIN ARE NOT LESS THAN THE APPLICABLE WAGE RATES CONTAINED IN ANY WAGE DETERMINATION INCORPORATED IN THE CONTRACT; THAT THE CLASSIFICATION SET FORTH THEREIN FOR EACH WORKER CONFORMS WITH WORK PERFORMED.

(3) THAT ANY APPRENTICES EMPLOYED IN THE ABOVE PERIOD ARE DULY REGISTERED IN A BONA FIDE APPRENTICESHIP PROGRAM REGISTERED WITH A STATE APPRENTICESHIP AGENCY RECOGNIZED BY THE BUREAU OF APPRENTICESHIP AND TRAINING, UNITED STATES DEPARTMENT OF LABOR, OR IF NO SUCH RECOGNIZED AGENCY EXISTS IN A STATE, ARE REGISTERED WITH THE BUREAU OF APPRENTICESHIP AND TRAINING, UNITED STATES DEPARTMENT OF LABOR.

I HAVE READ THIS CERTIFIED STATEMENT, KNOW THE CONTENTS THEREOF AND IT IS TRUE TO MY KNOWLEDGE.

\_\_\_\_\_  
 NAME AND TITLE SIGNATURE  
**NOTE TO CONTRACTORS:** YOU MUST ATTACH COPIES OF THIS FORM TO EACH OF YOUR PAYROLL SUBMISSIONS ON THIS PROJECT. SEE THE BOLI PUBLICATION PREVAILING WAGE RATES FOR PUBLIC WORKS CONTRACTS IN OREGON FOR INSTRUCTIONS ON COMPLETING THIS FORM.

FILE THIS FORM WITH THE CONTRACTING AGENCY  
 FORM WH-38 (REV. 9/98)



Bureau of Labor and Industries  
Prevailing Wage Rate Unit  
800 N.E. Oregon St., # 32  
Portland, OR 97232  
Phone: (503) 731-4074, Fax: (503) 731-4623

**PUBLIC WORK CONTRACT FEE INFORMATION FORM**

(For use by contractors in complying with ORS 279.357)

**THIS FORM TO BE USED FOR PROJECTS AWARDED AFTER SEPTEMBER 9, 1995 ONLY**

Contractors: Please complete and mail this form to BOLI at the above address, along with the appropriate fee (1/10th of 1% of the contract price\* ) payable to BOLI. **Minimum fee is \$100.00, maximum fee is \$5,000.00.** Without the following completed information, the bureau may be unable to properly credit you for payment received.

**BUSINESS NAME (DBA)** \_\_\_\_\_ **CCB #** \_\_\_\_\_

**MAILING ADDRESS:** \_\_\_\_\_ **PHONE: ( )** \_\_\_\_\_  
(STREET OR PO BOX #, CITY, STATE, ZIP)

**PROJECT NAME:** \_\_\_\_\_

**PROJECT NUMBER:** \_\_\_\_\_ **PROJECT LOCATION:** \_\_\_\_\_

**AGENCY AWARDED CONTRACT:** \_\_\_\_\_

**AGENCY CONTACT PERSON:** \_\_\_\_\_ **PHONE: ( )** \_\_\_\_\_

**CONTRACT AMOUNT:** \_\_\_\_\_ **DATE AWARDED:** \_\_\_\_\_ **DATE WORK BEGAN:** \_\_\_\_\_

\*(Contract amount X .001)

(Please duplicate this form for future use)

Bureau of Labor and Industries  
Prevailing Wage Rate Unit  
800 N.E. Oregon St., # 32  
Portland, OR 97232  
phone: (503) 731-4074, ext. 250  
FAX: (503) 731-4606

**PUBLIC WORKS CONTRACT FEE ADJUSTMENT FORM**

**THIS FORM TO BE USED FOR RECONCILIATION OF FEES ON COMPLETION OF  
PUBLIC WORKS PROJECTS**

(As required by ORS 279.375 and OAR 839-16-210)

**Contractors:** Please complete and mail this form to BOLI at the above address, after completion of the public works project and not less than 30 days after the final payment by the contracting agency. Contractors are required to determine the final contract price, including all change orders or other adjustments to the original contract price and to calculate the adjusted prevailing wage rate fee, based on the revised contract price. Documentation must be included to support the final contract price. The prevailing wage rate fee, .001, (1/10th of 1%) shall be applied to the final contract price, with credit taken for fees already submitted. The contractor must submit the additional fee payable to BOLI with the adjustment form or requests for refund if applicable. **NO ADDITIONAL FEE WILL BE CHARGED, NOR A REFUND MADE, ON ANY RECONCILED AMOUNTS UNDER \$100.00.**

**BUSINESS NAME (DBA)** \_\_\_\_\_ **CCB #** \_\_\_\_\_

**MAILING ADDRESS:** \_\_\_\_\_ **PHONE: ( )** \_\_\_\_\_  
(STREET OR PO BOX #, CITY, STATE, ZIP)

**PROJECT NAME:** \_\_\_\_\_

**PROJECT NUMBER:** \_\_\_\_\_ **PROJECT LOCATION:** \_\_\_\_\_

**AGENCY AWARDED CONTRACT:** \_\_\_\_\_ **DATE AWARDED:** \_\_\_\_\_

**FINAL CONTRACT AMOUNT:** \_\_\_\_\_ **FINAL FEE DUE\*:** \_\_\_\_\_  
(Include all change orders and adjustments to the contract price) \*(Final Contract amount X .001)

**ORIGINAL CONTRACT AMOUNT:** \_\_\_\_\_ **INITIAL FEE PAID\*:** \_\_\_\_\_  
\*(Contract amount X .001)

**BALANCE DUE:** \_\_\_\_\_ **REFUND DUE:** \_\_\_\_\_  
(Final contract fee less initial fee paid)

**Sample Calculation:**

Final Contract Amount: \$400,000.00  
Original Contract Amt: - 300,000.00  
Total Adjustment: \$100,000.00

Final Fee Due: \$400.00  
Initial Fee Paid: - 300.00  
Amount Due or Refund Due: \$100.00

\* Documentation may consist of change orders or other contract documents substantiating the amount of the contract.

(Please duplicate this form for future use)

**BUREAU OF LABOR AND INDUSTRIES**  
**NOTICE OF AWARD OF PUBLIC WORKS CONTRACT**  
(For use by Public Agencies in Complying with ORS 279.363)

**1. CONTRACTING AGENCY INFORMATION**

Name \_\_\_\_\_ Agency Number \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Agency Representative \_\_\_\_\_ Phone \_\_\_\_\_

**2. CONTRACT INFORMATION**

Project Name \_\_\_\_\_ Project Number \_\_\_\_\_  
Project Manager Name \_\_\_\_\_ Fax Number \_\_\_\_\_  
Phone Number \_\_\_\_\_  
Project Location (Street(s), City, State) \_\_\_\_\_  
Project County \_\_\_\_\_ Contract Amount \_\_\_\_\_  
Source of Funds (i.e. 100% Federal Funds, 50/50 Federal/State, 100% Local, etc.) \_\_\_\_\_

**Note: If this project is Federally funded and subject to the Davis Bacon Act, do not submit this form to the Oregon Bureau of Labor and Industries. If Federal funds are involved, but the project is subject to Oregon prevailing wage rate, please specify.**

Date Contract Specifications First Advertised for Bid \_\_\_\_\_  
Date Contract Awarded \_\_\_\_\_ Date Work Expected to Begin \_\_\_\_\_  
Date First Progress Payment Due \_\_\_\_\_ Expected Date of Completion \_\_\_\_\_

**3. PRIME CONTRACTOR INFORMATION**

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_ Phone \_\_\_\_\_  
Construction Contractors Board Registration Number \_\_\_\_\_  
Name of Bonding Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
Agent Name/Phone: \_\_\_\_\_  
Bond Number: \_\_\_\_\_

**THIS FORM WILL BE RETURNED TO THE CONTRACTING AGENCY FOR CORRECTION AND RESUBMITTAL IF INCOMPLETE.**

**RETURN THIS COMPLETED FORM TO:** Bureau of Labor and Industries  
Wage and Hour Division Rm 1160  
Prevailing Wage Section  
800 NE OREGON # 32  
PORTLAND, OR 97232  
(503) 731-4074, EXT. 233 Fax: (503) 731-4606

# PLANNED PUBLIC IMPROVEMENT SUMMARY

FISCAL YEAR \_\_\_\_\_ - \_\_\_\_\_

(Name of State or Local Government Agency)

PAGE \_\_\_\_\_ OF \_\_\_\_\_

| Project Number | Project Name | Project Type | Project Location | Estimated Project Cost | Agency or Contract Work |
|----------------|--------------|--------------|------------------|------------------------|-------------------------|
|                |              |              |                  |                        |                         |

ORS 279.023 generally states that not less than 30 days prior to adoption of its budget for the subsequent budget period, each public agency shall prepare and file with the Commissioner of the Bureau of Labor and Industries a list of every public improvement known to that agency that the agency plans to fund in the budget period. If the agency decides to use its own equipment and personnel for construction projects estimated to cost more than \$125,000 the agency shall show that the decision conforms to the policy of the State of Oregon that public agencies shall make every effort to construct public improvements at the least cost to the public agency, and the public agency shall cause to be kept and preserved a full, true and accurate account of the costs of performing the work including all engineering and administrative expenses and a reasonable estimate of the cost, including investment cost, of the equipment used. NOTE: This Improvement Summary together with the project estimate and least cost determination constitutes a public record available in the usual manner for public review or copying. Mail a copy of this public improvement summary to: Wage and Hour Division, 800 NE Oregon St., # 32, Portland, Oregon 97232.

# CAPITAL IMPROVEMENT PROJECT COST COMPARISON ESTIMATE

\_\_\_\_\_  
(Name of State or Local Government Agency)

DEPARTMENT:  
PROPOSED YEAR:  
PROJECT DESCRIPTION:

PROJECT NAME:

FUND:  
PROJECT NUMBER

| Rough<br>Quantity<br>Estimates | Units | Work Class Description | Agency Force Estimate |            | Agency Contract Estimate |            |
|--------------------------------|-------|------------------------|-----------------------|------------|--------------------------|------------|
|                                |       |                        | Unit Cost             | Total Cost | Unit Cost                | Total Cost |
|                                |       |                        |                       |            |                          |            |
|                                |       |                        |                       | \$         |                          | \$         |

Estimated Construction Period \_\_\_\_\_

\_\_\_\_\_ determines that (Agency Forces) (Contractor) can perform this work at the least cost.  
(Name of Agency) (Cross out one)

\_\_\_\_\_  
(Agency Official)

# **PROJECT SPECIFICATIONS**



# **WATER TREATMENT PLANT POND LINING**

## **SECTION 01001 GENERAL SPECIFICATIONS**

### **PART 1 - GENERAL**

#### **SCOPE OF WORK**

##### **1.01**

- A. The work performed under this contract is limited to this contract. The City may award a separate contract for another project and work may be in progress during a portion of the work under this contract. The Contractor shall cooperate with the City, agencies, trades or contractors that are involved in the execution of any other contract.
- B. Elements of the project include, but are not limited to: Preparation of existing asphalt surface and application of the specified lining material in the basin known as the "Back Wash Settling Pond" at the Water Treatment Plant.

##### **1.02 CONTRACT TIME**

Time is a critical component of this project. The Contractor shall start work within 10 days after receiving Notice to Proceed and complete the project within 30 calendar days.

- 1.03 LIQUIDATED DAMAGES: Failure to complete this project within the allotted time will cause unfavorable impacts on other work that will be in progress. The value of those unfavorable impacts will result in an estimated loss to the City Of Newberg of \$200.00 per day for each calendar day this work is incomplete. That amount will therefore be charged to the Contractor for each day the work remains incomplete beyond the specified contract time.

##### **1.04 CONTRACTOR COST BREAKDOWN**

- A. At the Preconstruction Conference, the Contractor shall submit to the Engineer for approval, a cost breakdown of the total work under this contract. The cost breakdown shall show the unit value and quantity of each element of work including an allowance for overhead and profit. In submitting the breakdown, the Contractor certifies that it is not unbalanced and that the value assigned to each part of the work represents his estimate of the accurate cost, including overhead and profit, of performing that part of the work. The cost breakdown shall include sufficient detail to serve as a basis for making a partial payment during construction. Upon acceptance of the cost breakdown by the Engineer, such breakdown shall be incorporated into all applications for payments. At the Engineer's sole discretion the cost breakdown may be used to establish unit costs for change orders.

- B. Where services are required during installation, testing and for the training of Owner's personnel, the costs shall be included in the costs for providing the applicable specified equipment.

#### 1.05 OTHER DAMAGES

- A. Any fines and/or penalties assessed to the City of Newberg by the Department of Environmental Quality (DEQ) and/or the Environmental Protection Agency (EPA) because of failure to complete all work on time shall be assumed by the Contractor if they arise from actions or lack of action by the Contractor.

#### 1.06 PAYMENT

- A. Contractors are required to submit a request for progress payment to the Engineer. The request for payment must be reviewed by the Engineer, and when approved will be forwarded to the Finance department for payment.

#### 1.07 PERMITS

- A. **No building permit** is required for this project. The Contractor shall secure all specialty permits, including electrical, prior to beginning that phase of the project.
- B. The Contractor will pay all costs for all requirements of any nature specified in the permits. The Contractor shall be responsible for providing all special inspections required by permits. Other permits and inspections will be paid as part of the lump-sum contract.

#### 1.08 PRECONSTRUCTION CONFERENCE

- A. A preconstruction conference will be held. At this meeting, submit:
  - 1. A detailed schedule which will be followed by the Contractor throughout the duration of the project.
  - 2. The names, addresses and telephone numbers of two or more persons employed by the Contractor who can be reached during evening hours and weekends to handle emergency matters.
  - 3. Material Safety Data Sheets for all chemical products to be used by the Contractor on this project. Submit MSDS for approval before bringing any chemical on site.

#### 1.09 PRODUCT DATA

- A. The Contractor will provide data required by the Owner for inspecting, testing, operating and maintaining material and equipment installed as parts of this contract.

Unless otherwise specified, such information shall consist of six copies and shall be provided at the time the referenced material or equipment is delivered to the job site. The data shall be as specified and include such items as shop drawings, erection drawings, reinforcing steel schedules, testing and adjusting instruction, operations manuals, maintenance procedures, record drawings and parts lists. When applicable, information and data to be provided shall be identified by the specified equipment number. Extraneous material on the pages or drawings provided shall be crossed out, and the equipment or material to be supplied shall be clearly marked. Such information is to be provided as part of the work under this contract and its acceptability determined under normal inspection procedures.

B. Product data will not be reviewed in the same manner as shop drawings.

1.10 SHOP DRAWING REQUIREMENTS NOT USED

1.11 RECORD DRAWINGS

A. Record drawings refer to those documents maintained and annotated by the Contractor during construction to record all departures from the original plans, information not included in the original plans and the final as-built conditions. Record drawings include, but are not limited to the following:

1. Two complete sets of contract drawings along with other documents such as schedules, lists, drawings and electrical and instrumentation diagrams included in the specifications. These record drawings shall be full size prints (usually 'D' size 34" x 22") with as-built conditions recorded in pencil, pen or other medium suitable for clear photocopy reproduction. Final submittal to the City shall be the original marked prints.
2. Record actual construction conditions including the following:
  - a. Work installed without change.
  - b. Depth of foundation elements in relation to ground elevation.
  - c. Horizontal and vertical locations of underground utilities and appurtenances, referenced to permanent surface improvements.
  - d. Location of internal utilities and appurtenances concealed in construction, referenced to visible and accessible features of structure.
  - e. Change made by Change Order.
  - f. Field changes of dimensions, details and materials.
  - g. Changes in site plan.
  - h. Changes in equipment dimension or location.
  - i. Details not shown on original Contract Drawings.
4. Label each drawing or document "PROJECT RECORD" in neat 1/2 inch printed letters. Record information concurrently with construction progress. Do not

conceal any work until required information is recorded. Record drawings shall be neatly and legibly marked. Record drawings shall not be used for construction purposes. They shall be maintained in a clean, dry and legible condition and shall be available for review by the Engineer during normal working hours at the Contractor's field office.

1. Each application for progress payment shall include a full size photocopy of each record drawing that has been revised since the preceding payment application.
2. Record Drawings will be used to verify and document progress payment requests. Work not shown, and work with changes not shown on the record drawings shall not be included for Payment.
3. Concurrent with substantial completion, the Contractor shall provide two copies of a complete, up to date, set of record drawings. Prior to project closeout, the Contractor shall provide one complete set of Record Drawings and software files in their final form.

#### 1.12 OPERATION AND MAINTENANCE INFORMATION

1. Operation and Maintenance Information shall be organized in binders with tab sheets to permit easy location of desired information. The information shall be organized in numerical order by equipment number as it appears in the project documents.  
Each binder shall have a complete table of contents for all binders submitted, identifying each tabbed section by equipment name and equipment number. The manual title shall include the project name, City project number and the approximate date that the manual was submitted. Final O&M Manuals shall be assembled and submitted in 8-1/2" x 11" page size, 2" (max) thick, 3 ring, hard navy blue binders.
2. Project-specific drawings included in the O&M Manuals shall be prepared by AutoCAD (ACAD) V. 12 or later software. These drawings shall normally be 11" x 17". Drawings approved to be over-sized shall be submitted in a packet for inclusion in 3 ring binders. The Final O&M submittal shall include one set of AutoCAD DWG files of the drawings on 3-1/2" diskettes. Include a file of all fonts and shapes that are not standard AutoCAD files. These AutoCAD requirements do not apply to manufacturer's published or proprietary drawings.
3. Project specific O&M Manual text shall be prepared using MS-WORD software. The Final O&M submittal shall include one set of MS-WORD files on 3-1/2" diskettes. These MS-Word requirements do not apply to manufacturer's published documents. General brochures that describe other items not in the Contract will not

be accepted unless all references to irrelevant equipment is neatly eradicated or blocked out.

4. Four copies of Preliminary O&M Information shall be submitted when equipment is delivered. Preliminary manuals shall be organized in the same format that is required for Final Manuals. These Manuals shall contain all required information and drawings. Information that is not available in "as-built" form, such as control logic, terminal connections and wiring diagrams, shall be identified and shown in its "as-planned" form. Any missing documentation shall be clearly identified with an insert stating what item is missing and when it will be provided.
5. Preliminary O&M Manuals may be submitted, as they are available for each piece of equipment. Each preliminary O&M submittal shall include a draft copy of the final table of contents. One copy of each preliminary O&M Manual will be returned to the Contractor with the Engineer's comments.
6. Six complete copies of Final O&M Information Manuals, and one set of associated software files shall be submitted prior to project completion.
7. Application for progress payment beyond 70% of the value of equipment and/or installation work shall not be made until the associated preliminary O&M Information is provided. Regardless of the amount of work accomplished, payment over the 70% limit will not be made unless the preliminary O&M Information is accepted as satisfactory.
8. No portion of the project will be considered substantially complete, available or suitable for the Owner's beneficial use until accurate Operation and Maintenance Information has been provided and approved as adequate for operation, trouble-shooting, and maintenance of that portion of the project facility.
9. Application for progress payment beyond 95% of the total contract amount shall not be made until all Final O&M Information is provided.

### 1.13 SUPPLIERS'/MANUFACTURERS' SPECIAL SERVICES

#### A. Manufacturer's Certificate of Proper Installation

1. Where required in the Specifications, the Contractor shall submit manufacturer's certification of proper installation of equipment prior to start-up or performance testing. Such certificate shall state that the equipment or system has been installed in accordance with the manufacturer's recommendation and has been inspected by a manufacturer's authorized representative, that it has been serviced with the proper initial lubricants, that applicable safety equipment has been properly installed, and that the proper electrical and mechanical connections have been made.

**B. Spare Parts and Special Tools**

1. Will be furnished as specified prior to the issuance of a Certificate of Substantial Completion and/or operation of the equipment by the Owner.
2. Spare parts and special tools shall be properly packaged and tagged by the Contractor. Tag will clearly identify the part description, the manufacturer's part number, the applicable equipment description and manufacturer, the quantity of parts delivered in each package, the applicable specification section, and the Contractor's and Project's name. Spare parts tags shall be firmly affixed and prominently displayed on the surface of each package. Tags will be furnished by the Contractor.
3. Any part found to be damaged or otherwise inoperable at the time of delivery shall be replaced by the Contractor.

**C. Installation Assistance**

1. Shall be given by competent and experienced technical personnel, representing the manufacturers of all equipment and systems as may be necessary to resolve assembly or installation problems at the worksite which are attributable to or associated with the equipment or materials furnished.

**1.14 CONTRACTOR'S USE OF PREMISES**

- A. The Contractor may establish and maintain a separate field office at the project site for the duration of the work. The Contractor will be assigned a lay down and parking area within the plant to be used by his employees while working on the project. The Contractor's field office shall be accessible by the Engineer during working hours.
- B. All of the Contractor's employees will enter the plant through the Smurfit main gate and will park in the area designated for them. If the Contractor's personnel will be working at any time other than 7 A.M. to 5 P.M., arrangements must be made with the Engineer and the Treatment Plant Management. All traffic signs and directions are to be obeyed.
- C. The existing Water Treatment Plant and is currently and continuously receiving and treating water, and this function shall not be interrupted except as specified herein. The Contractor shall coordinate the work to avoid any interference with normal operation of plant equipment and processes. The integrity of existing plant utilities shall be maintained by the Contractor at all times.
- D. The City's operating personnel will be responsible for operating the existing treatment plant throughout the execution of this contract. Equipment presently installed in the treatment plant must be available to plant personnel at all times for use, maintenance, and repair. If it is necessary, in the course of operating the plant, for the Contractor to

move his equipment, materials, or any material included in the work, he shall do so promptly and place that equipment or material in an area which does not interfere with the plant operation. The Contractor shall not adjust or operate serviceable or functioning equipment or systems except as specifically required by this contract.

- E. Other construction contracts may be underway during the same time as this contract. The Contractor's staging area and limits of construction are shown on the drawings. No activities or storage of materials shall be permitted outside of the designated areas without prior written permission of the Engineer. Requests for permission to utilize additional space shall clearly show the requested location on a map of the site, state the reason for the required additional space, state the length of time the additional space will be required, and give methods and a schedule for returning the space to its original condition.

#### 1.15 RESTORATION OF IMPROVEMENTS

##### A. Structures

- 1. The contractor shall take all precautions necessary to protect the integrity and usefulness of all existing plant facilities. If necessary, the Contractor may, with the approval of the Engineer, remove such existing structures, including curbs, gutters, pipelines and utility poles as may be necessary for the performance of the work. The structures removed shall be rebuilt in as good a condition as found with the requirements specified. He shall also repair existing structures, which may be damaged as a result of the work under this contract.

##### B. Cultivated Areas and Other Surface Improvements

- 1. Cultivated or planted areas and other surface improvements that are damaged by actions of the Contractor shall be restored as nearly as possible to their original condition. Restoration shall take place within 1 week or sooner as directed by the Engineer. Existing survey markers, investigative wells, guard posts, barricades, and fences shall be protected and replaced if damaged.

##### C. Protection of Existing Installation

- 1. The Contractor shall protect all existing operating facilities and structures from damages. However, if damage occurs, the Contractor shall immediately correct or replace existing equipment, controls, systems, structures, or facilities, which are damaged in any way as a result of his work.

#### 1.16 CONTRACTOR'S UTILITIES

- A. The Contractor shall provide the following temporary services and facilities.

1. Office - The Contractor may maintain a suitable office at the site of the work.
2. Power - The City shall allow use of 120/480 volt electric power from existing facilities, within capacities of those facilities.
3. Telephone - The Contractor shall provide telephone service at the construction site office. Cellular service is acceptable.
4. Sanitary Facilities - The Contractor shall provide toilet and wash-up facilities for his work force at the site of work. They shall comply with applicable laws, ordinances, and regulations pertaining to the public health and sanitation of dwellings and camps.
5. Security - The Contractor shall at all times be responsible for the security of his facilities and equipment. The City will not take any responsibility for missing or damaged equipment, tools, or personal belongings.
6. Work Area Restrictions - The Contractor's personnel shall remain in the project work area. Personnel found to be outside the project work area or the Contractor's staging area shall be removed from the project site by the Contractor and may not return.

1.17 DEMOLITION AND REMOVAL NOT USED

1.18 CLEANUP

- A. During the course of the work, the Contractor shall keep the site clean and orderly and shall follow housekeeping guidelines as set forth in the Oregon OSHA Safety Codes. Particular care shall be taken at the end of each day to guard, barricade, provide temporary lighting and otherwise minimize potentially hazardous situations to the City Employees who operate these facilities. At the completion of the work remove all material of any kind not incorporated into the work and leave the site in a condition acceptable to the Engineer.

1.19 ACCESS

- A. Construction activities may need to be scheduled to avoid interfering with maintenance activities or reducing treatment plant performance. All construction requiring a shutdown or restriction of access will need to be negotiated at least five working days in advance of the activity. Access to the work area is limited and the work site should be inspected carefully before proposing on this work. Vehicle access is limited to the facility.
- B. The Water treatment plant is surrounded by Smurfit Newberg Paper Mill property. Contractor must cooperate with Smurfit to insure that Smurfit activities and production is not compromised by activities of the Contractor.



## 1.20 SEQUENCE OF OPERATIONS

- A. Coordinate the sequence of operations with the requirements of the treatment facilities. The Contractor shall plan, schedule, and coordinate his construction operations and activities in a manner that will facilitate the progress of the work included in these Contract Documents.
- B. Since there is considerable interfacing with the Owner's plant operating staff, it is imperative that the Contractor work closely with them in preparing his schedule.

## 1.21 CONSTRAINTS

- A. Continuous operation of the Owner's existing treatment facilities is of critical importance. Interruption of the existing treatment systems, and transport system or plant utility services shall be avoided.
- B. At no time undertake to close off any lines or open valves, interrupt electrical or utility service or take any other action which would affect the operation of the existing systems, except as specifically required by the Drawings and Specifications and only after approval is granted by the Engineer.
- C. The Contractor shall request approval, in writing, from the Owner a minimum of 72 hours in advance of the time that interruption of the existing system is required. Confirm approval with the Owner 24 hours in advance. There is no guarantee that scheduled shutdowns, tie-ins, or start-ups will not have to be rescheduled if required to facilitate uninterrupted operation of the treatment facilities. Rescheduled tie-ins shall be performed at no additional cost to the Owner.

## 1.22 TEMPORARY CONSTRUCTION UTILITIES

- A. Temporary Water:. The Contractor shall maintain the integrity of the existing water systems. It shall be the Contractor's responsibility to provide all necessary connections to the water supply and conveyance facilities as required for his work. Potable water is available at the plant site for drinking and domestic type uses and the Owner will provide a reasonable quantity for these purposes. The Contractor shall provide all required connections for potable water use.
- B. Temporary Electric Power: The Owner will provide construction power used at the plant site where reasonable through existing electrical receptacles. Power for construction trailer and other uses shall be the responsibility of the Contractor. The Contractor shall make all arrangements with the electrical utility and with the Owner for power take-off points, voltage and phasing requirements, transformers and metering and shall pay all costs and fees arising there-from. It shall be the Contractor's responsibility to provide all special connections required for his work.
- C. Safety Requirements for Temporary Electric Power. Temporary electric power installation shall meet the construction requirements of Oregon OSHA, Yamhill County and the City of Newberg.

### 1.23 STANDARD SPECIFICATIONS

Standard Specifications as published by the Oregon Chapter of the American Public Works Association (APWA) in 1990 and amended in 1992 and 1996 shall be the standard for all work under this contract unless specifically altered or otherwise modified in these specifications. In the event that work is required but has not been specified herein the APWA standards shall govern.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

END OF SECTION

## **SECTION 01010 SUMMARY OF WORK**

### **PART 1 - GENERAL**

#### **1.01 SUMMARY**

- A. General work included in this section:
  - 1. Furnish all labor, materials, and equipment required in accordance with provisions of the Contract Documents.
  - 2. Completely coordinate with work of all other trades.
  - 3. Although such work may not be specifically indicated, furnish and install all miscellaneous items incidental to or necessary for a complete facility.
- B. Related sections include but are not necessarily limited to:
  - 1. Division 0 - General Conditions
  - 2. Division 1 - General Requirements
  - 3. Section 01001 - General Specifications
  - 4. Division 9 - Coatings

#### **1.02 WORK COVERED BY CONTRACT**

- A. The City of Newberg employs a 370,000 gallon settling pond to clarify its Water Treatment Plant filter backwash prior to discharge. This asphalt-lined pond has been in service since 1970 and is suspected of leaking. This project will overcoat this existing asphalt liner with a new liner as specified in division 9.
- B. The pond contains two baffles, a distribution header and an overflow structure. The work also includes coating the exposed portions of these structures as specified in division 9.
- C. The work may, at the City's option, include replacement of the baffles and support posts. This is identified on the proposal as Alternate additive "A" and "B".

#### **1.03 CONTRACTOR'S USE OF PREMISES**

- A. Refer also to Section 01001
- B. The Contractor shall coordinate its work to prevent any nonscheduled disruption to the Owner's operations.

#### 1.04 OWNER OCCUPANCY

- A. Owner will occupy the premises during the entire period of construction for the conduct of his normal operations.
- B. Contractor shall coordinate with Owner in all construction operations to minimize conflicts and to facilitate Owner usage.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

END OF SECTION

## SECTION 01025

### MEASUREMENT AND PAYMENT

#### PART 1 - GENERAL

##### 1.01 SUMMARY

- A. Section includes methods of measurement and payment for items of Work under this Contract.
- B. Payment for the various items on Proposal shall include all compensation to be received by the Contractor for furnishing all tools, equipment, materials, supplies, and manufactured articles, and for all labor, superintendence, operations, and incidentals appurtenant to the items of work being described, as necessary to complete the various items of the work all in accordance with the requirements of the Contract Documents, including all appurtenances thereto and all costs of compliance with the regulations of public agencies having jurisdiction, including Safety and Health Administration of Oregon OSHA. All costs necessary for the performance of this Contract shall be included in the prices stated in the Proposal for the various items of work specified in the Contract Documents. No separate payment will be made for work specified in the Contract Documents.
- C. Indirect costs, which include, but are not limited to, mobilization, demobilization, bonds, insurance, supervision, overheads, and profit associated with the Bidding Requirements, Contract Forms and Conditions of the Contract (Division 0) and General Requirements (Division 1) specified in the Contract, shall all be allocated to each Bid Item as applicable for work defined in the Bid Item. No separate payment will be made for these items.

#### PART 2 - PRODUCTS (NOT USED)

#### PART 3 - EXECUTION

##### A. FIELD TESTING

- 1. GENERAL Prior to testing the Contractor and Engineer will inspect all aspects of the liner as installed.
  - a. The Contractor, in the presence of the Engineer, shall conduct field tests on the liner to demonstrate conformance to the service conditions specified herein.
  - b. At the conclusion of the field testing the Contractor shall submit a report detailing all testing activities and the results obtained.

- c. If for any reason, the liner leakage exceeds the specified amount. The Contractor will submit to the Engineer a plan to locate and repair the leak(s).
- d. The method of leakage testing shall be:
  - 1. Produce working head by filling the pond to overflow level minus 6 inches with water.
  - 2. Leakage measurement will be determined by incremental change in level in the pond for a 48 hour time period without rain.
  - 3. Initial and final measurements will be made at 9:00 AM.
  - 4. Leakage shall not exceed 0.10" per 48 hour period, approximately 50 gallons.

END OF SECTION

## **SECTION 01062 SAFETY AND HEALTH**

### **PART 1 - GENERAL**

#### **1.01 SUMMARY**

This section outlines the minimum safety and health requirements applicable to this project. These requirements include, but are not limited to, Oregon Revised Statutes, Oregon Administrative Rules, Oregon Occupational Safety and Health Regulations, Department of Labor and Industries, Oregon Department of Transportation, and other applicable federal, state, and local regulations.

#### **1.02 SAFETY AND HEALTH REGULATIONS**

Comply with all federal, state, and local safety and health regulations and laws including, but not limited to, the following:

- A. Oregon Revised Statutes - ORS 654
- B. Oregon Administrative Rules - OAR 437
  - 1. The Contractor shall comply with all of OAR 437; however, specific reference is made to OAR 437-03, Subsection S, for underground construction and tunneling safety, and to OAR 437-83, Subsection P, for excavation and trenching safety.
- C. Oregon Safe Employment Act (OSEA)
- D. Oregon Occupational Safety & Health Administration (OR-OSHA)
  - 1. Division 1-General Administrative Rules
  - 2. Division 2-General Occupational Safety & Health Rules
    - a. Subdivision A-General
    - b. Subdivision B-Adoption & Extension of Established Federal Standards
    - c. Subdivision C-Access to Employee Exposure and Medical Records
    - d. Subdivision D,E,F- Walking-Working Surfaces, Means of Egress, Powered Platforms.
    - e. Subdivision G- Occupational Health & Environmental Controls.
    - f. Subdivision H- Hazardous Materials.
    - g. Subdivision I-Personal Protective Equipment.
    - h. Subdivision J-General Environmental Controls.
    - i. Subdivision K-Medical & First Aid
    - j. Subdivision L- Fire Protection
    - k. Subdivision M- Compressed Gas & Air Equipment.



- l. Subdivision N- Material Handling & Storage.
- m. Subdivision O- Machinery & Machine Guarding.
- n. Subdivision P- Hand & Portable Powered Tools & other Hand-Held Equipment.
- o. Subdivision Q- Welding, Cutting & Brazing.
- p. Subdivision S- Electrical
- q. Subdivision Z- Toxic & Hazardous Substances (air contaminants, asbestos, benzene, bloodborne pathogens, cadmium, ethylene oxide, formaldehyde, lead, MDA.

### 3. Division 3-Construction

#### 1.05 SITE SECURITY

- A. Contractor shall be responsible for all labor, materials and equipment needed to secure the construction site at all times. This may include labor, lighting, fencing, alarm systems and other miscellaneous materials to maintain security at all sites where the Contractor may be working, staging work and storing materials or equipment.

## PART 2 - PRODUCTS

### 2.01 SITE SPECIFIC SAFETY PLAN

- A. Develop and submit a Site Specific Safety Plan, based upon the sequence of Work, anticipated hazards, and the means/methods to confine or eliminate the hazards.

### 2.02 CONTRACTOR-FURNISHED SAFETY EQUIPMENT AND TRAINING

- A. The Contractor shall furnish all safety equipment and training as required by the approved Site Specific Safety Plan..

## PART 3 - EXECUTION (NOT USED)

END OF SECTION

**SECTION 01540**  
**TREATMENT PLANT ACCESS AND PROCEDURES**

**PART 1      GENERAL**

**1.1      SUMMARY**

- A.    The CONTRACTOR shall comply with the following procedures while conducting work at the City of Newberg Wastewater Treatment Plant and Smurfit Paper Mill property.

**1.2      DEFINITIONS:**

- A.    BADGE – Each Contractor will ensure that each employee is visually identified by full name and Contractor name. Badges, if used, must be worn in a visible location at all times.
- B.    NORMAL HOURS OF OPERATION - 7:00 a.m. to 4:00 p.m., Monday through Friday.

**1.3      PROCEDURES**

**A.      ACCESS**

- 1.    No unescorted visitors, CONTRACTOR employees, or subcontractor employees will be allowed access without prior arrangements being approved by the Engineer.
- 2.    CONTRACTOR employees, subcontractor employees, and vendors requesting access outside of the normal operating hours must request in writing, three days in advance of the requested access, stating the proposed dates and times of work .
- B.    Plant Facilities: The CONTRACTOR may not use any plant facilities, including lunch rooms, vending machines, showers, lavatories, phone system, etc. except during an emergency (accident or injury) without specific authorization by the ENGINEER.
- D.    Parking: The CONTRACTOR, subcontractors, and visitors shall park only in designated areas unless directed otherwise by the ENGINEER.
- E.    Smoking: Smoking is allowed in outdoor areas only. Smoking is not permitted in any process areas.

- F. General: All CONTRACTOR and subcontractor employees shall be courteous and respectful to City Of Newberg and Smurfit employees who must operate their respective facilities.

1.4 EMERGENCY COMMUNICATION

A. In the event of an emergency at the treatment plant requiring police, fire or medical assistance, call 9-911 from any phone, then call WWTP at 537-1252.

**PART 2 PRODUCTS (NOT USED)**

**PART 3 EXECUTION (NOT USED)**

**END OF SECTION**

## WATER TREATMENT PLANT POND LINING

### BAFFLE REPLACEMENT

#### 1.0 GENERAL

A. Scope of Work – This section specifies replacement standards for the two baffles currently installed at each end of the pond.

1. Post replacement
2. Wooden plank baffle replacement
3. Miscellaneous hardware

B. Referenced Standards

1. Oregon Department of Transportation (ODOT) 1996 Edition for:
  - a. Lumber acceptance standards 02110
  - b. Fabrication and Handling 02110
  - c. Standards for fasteners and use 02150
2. American Public Works Association Oregon Chapter (APWA)
  1. Concrete – Section 212

#### 2.0 MATERIAL

A. Lumber

1. Furnish only new undamaged lumber of the grades and sizes specified.
2. Grade and surface defect standards shall be governed by ODOT (02110) standard for posts and braces, except no treatment is required.

B. Fasteners

1. Furnish only new, galvanized fasteners of all types shown.
2. Machine bolts for fastening shall be coarse threaded, standard weight, hex head with hex nuts.
3. Flat washers shall be used at all contact points with lumber.

C. Posts

1. Posts shall be 5", 18.5 lb. Wide flange set as detailed on plans.
2. Material shall be A-36 steel.
3. Setting concrete shall be 3000# -3/4, as specified in APWA section 212.

### 3.0 EXECUTION

#### A. Lumber

1. Cutting shall produce tightly butted joints that show no gaps, broken or splintered ends.
2. No cut or fastener shall be located closer than 2 inches to a knot.

#### B. Posts

1. Locate posts and install as shown on the plans.
2. Posts shall be set plumb and true with flanges aligned with the baffle lumber. Support post during concrete curing period.
3. Top ends of posts shall be cut level and raw edges ground to remove sharp edges.
4. Support post to provide a minimum of 6 inches of concrete below the bottom of post.

#### C. Hardware

1. All hardware shall be hot dipped galvanized.
2. Assemble machine bolts from the wide flange side.
3. Place washer and nut on lumber side of each joint.
4. Torque nut to 30-40 foot pounds. Do not crush wood more than the thickness of the flat washer.

#### D. Coating

1. Coat each completed baffle assembly after fabrication has been accepted.
2. Choice of coating shall be dependent on lining material selected. The following list will be used to determine coating choice and specification.
  - a. If lining selected by the City is option "A" or "B" the required coating specification section will be 09905.
  - b. If lining selected by the City is option "C" or "D" the required coating specification section will be 09917.

END OF SECTION

## SECTION 09917

### SPRAYED COATINGS

#### PART 1 GENERAL

##### 1.01 DESCRIPTION

###### A. General

1. All mechanical equipment, piping and other exposed metal surfaces, and designated surfaces shall be coated in accordance with the following instructions.
2. All materials shall be brought to the job site in the original sealed and labeled containers of the manufacturer. All coating components shall be mixed and applied in strict compliance with the manufacturer's printed instructions, which hereby become a part of these specifications. This includes the various kinds and amounts of thinning oils and primers to be used.
3. Lining and coating shall be done after all preparation, cleaning and drying is complete and reviewed by the Engineer.

#### PART 2 PRODUCTS

##### 2.01 COATING SYSTEMS

A. MANUFACTURERS: The following manufacturers are acceptable subject to compliance with these Contract Documents:

1. Willamette Valley Mining and Manufacturing: Product - Polyshield SS-100 Coating for liner, baffles and miscellaneous fixtures.
2. C. I. M. Industries Inc.: Product - CIM 1000 Urethane Membrane Coating for liner, baffles and miscellaneous fixtures.

B. SUBMITTALS Submit for Engineer's review the following:

1. Material Safety Data Sheets (MSDS): If there are any chemicals to be brought on-site that were not submitted at the preconstruction conference, submit to the Engineer, a Material Safety Data Sheet for each product to be brought to the work site. MSDS submittals must be approved prior to material delivery on City Of Newberg property.

2. No material containing lead, chromium oxides, coal tar, zinc, cadmium, or other toxic materials will be allowed on City property. All materials that emit sensitizers such as di-isocyanates shall only be applied when weather conditions allow control of toxic vapor, mists and overspray.
3. Submit for approval, in detail, specifications for all material and methods including surface preparation and proposed materials including application methods.

## PART 3 EXECUTION AND PAYMENT

### 3.01 GENERAL

- A. All installation shall be by competent, experienced personnel. Tools and consumable supplies required for liner installation shall be approved by the manufacturer of the liner. All other materials will be approved by the Engineer.

### 3.02 PREPARATION OF SURFACES

- A. Preparation of all surfaces shall be as indicated in the Specifications, and as required by the manufacturer's standard specifications. No coating shall be applied until the prepared surfaces are approved by the Engineer.
- B. All surfaces to be coated shall be properly prepared with the objective of obtaining a properly profiled, clean and dry surface. On all metal surfaces rust, dust, and scale, as well as all other loose or foreign substances, shall be cleaned to manufacturer's specifications. Clean metal shall be primed or painted as required immediately after cleaning to prevent rusting. Concrete surfaces to be coated shall be cleaned of all dust, form oil, curing compounds, and other foreign matter.
- C. Steel and iron shall have grease, rust, scale, and dirt removed.. Where required, either on plans or by manufacturer, sandblasting shall conform to Steel Structures Painting Council Surface Preparation, No. 10 (Near White Metal Blast Cleaning).

### 3.02 APPLICATION

- A. Repair work if needed will be complete prior to start of coating.
- B. Minimum DFT for baffles and posts shall be 50 mils.
- c. Minimum DFT for liner shall be a minimum of 100 mils and shall be placed so as to provide a monolithic seamless final coating.
- C. Applicators shall apply the coating at the rate and under the conditions as specified for application by the manufacturer.
- B. Weatherproof flexible electrical conduit and connections shall not be coated. Mask if necessary.

- C. The surface temperature of the surface to be painted shall be at least 50 F, or as required by the coating manufacturer.

### 3.03 TESTING

- A. At the completion of the installation the Contractor shall notify the Engineer that the lining system is ready for testing. The Engineer and Contractor shall agree on the testing schedule. Testing shall be scheduled start no later in the week than Wednesday.
- B. Testing shall be performed as specified in section 01025 – Measurement and Payment.

### 3.04 PAYMENT

- A. Payment for work in Division 9 will be included as part of the lump sum bid amounts included in the Proposal.

<<< END OF SECTION >>>



## SECTION 09936

### POND LINER

#### PART 1 GENERAL

##### 1.01 WORK INCLUDED

- A. This section covers the work necessary to furnish and install a lining system in an existing asphalt lined pond as specified herein. The Contractor is solely responsible for all materials, labor and services required to complete the work including removal, replacement and disposal of the existing baffle system to the extent required.

##### 1.02 REQUIREMENTS

- A. All items directly associated with the lining system shall be products of one manufacturer or specified by the liner manufacturer.
- B. Section 01001 of these Contract Documents contain information and requirements that apply to the work specified herein and are mandatory for this project.

##### 1.03 SUPPLIERS'/MANUFACTURERS' SPECIAL SERVICES

- A. Manufacturer's Certificate of Proper Installation
  - 1. The Contractor shall submit manufacturer's certification of proper installation of liner prior to placing the pond in service. Such certificate shall state that the system has been installed in accordance with the manufacturer's recommendations and has been inspected by a manufacturer's authorized representative, that it has been installed using approved supplies and tools and that all manufacturer's warranties are in full force. This is a requirement for release of final payment.

## 1.04 SUBMITTALS

- A. Submittals shall be made as required in Section 01001 of these Contract Documents.
  - 1. Submittals will be required on the following items. Include these items as part of the proposal. If there are Owner selected options, include them also.
    - a. Liner
      - 1. Material – include thickness and range of deviation from stated thickness.
      - 2. Provide a statement of expected service life, include references for installed systems.
      - 3. Method of sealing seams – include adhesive specification and method of application if adhesive bonded. Provide description of equipment and limitations if heat fused.
      - 4. Detail of anchor trench, detail of seal at wide flange post penetrations, detail of seal at overflow structure and detail of seal at inlet distribution header ports.
      - 5. Submit a statement that the system contains no material that can be extracted by or leached into the surrounding soil or the water.
    - b. Baffle Replacement Material
      - 1. Required submittal items include: Posts, Lumber and Coating to be applied after completion.
    - c. Miscellaneous hardware and fixtures.  
Include in this group: clamps, screws, bolts, flanges or any other items to be incorporated into the work.
    - d. Specialty Tools
      - 1. Required material and/or tools required for evaluation of condition of the liner and repair if necessary.

## PART 2 PRODUCTS

### 2.01 GENERAL

- A. The use of a manufacturer's name and model or catalog number is for the purpose of establishing the standard of quality and general configuration desired only. Products of other manufacturers will be considered in accordance with Section 01001 in these Contract Documents.

## 2.02 LINER APPLICATION

- A. The liner shall be installed as an enhancement over the existing asphalt liner. The intent is to seal the pond and stop all water leakage into the surrounding soil. Therefore, particular attention will be directed to the integrity of the seals at joints and the various penetrations into the pond.

## 2.03 DETAIL LINER SPECIFICATION

### A. GENERAL

- 1. The liner shall be one of the two following products. These products are identified by their accepted generic trade names. A manufacturer may identify their product by a company name, however, the proposed product must comply with these specifications.
- 2. Underlayment shall not be considered part of the liner. However, use of an underlayment layer as protection for the liner membrane is acceptable.

### B. ACCEPTABLE LINER MATERIALS

- 1. High Density Polyethylene (HDPE) Minimum membrane thickness 60 mil.
- 2. Reinforced Polypropylene. Reinforcement shall be an integral part of the membrane not an underlayment.

### C. JOINTING REQUIREMENTS

- 1. Joints shall be continuous from anchor trench to anchor trench
- 2. Number of joints shall be minimized consistent with good practice.
- 3. Joints shall be located to minimize stress on both liner and seams.

### D. PENETRATIONS

- 1. General: There are three types of penetrations on this project.
  - a. Wide flange posts supporting the two baffles. Total 12 posts.
  - b. Distribution header is a horizontal 30 inch with ports cut into the top.
  - c. Overflow is through a rectangular, reinforced, poured in place concrete structure that controls the level of the pond.
- 2. Detail: Provide detail plans of each type of joint.
  - a. Detail the method of physical attachment.
  - b. Show the method of ensuring a permanent water-tight seal.

## **PART 3 EXECUTION**

### **3.01 GENERAL**

A. All installation shall be by competent, experienced personnel. Tools and consumable supplies required for liner installation shall be approved by the manufacturer of the liner. All other materials will be approved by the Engineer.

#### **B. FIELD TESTING**

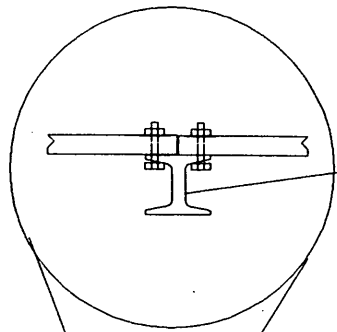
1. **GENERAL** Prior to testing the Contractor and Engineer will inspect all aspects of the liner as installed.
  - a. The Contractor, in the presence of the Engineer, shall conduct field tests on the liner to demonstrate conformance to the service conditions specified herein.
  - b. At the conclusion of the field testing the Contractor shall submit a report detailing all testing activities and the results obtained.
  - c. If for any reason, the liner leakage exceeds the specified amount. The Contractor will submit to the Engineer a plan to locate and repair the leak(s).
  - d. The method of leakage testing shall be:
    1. Produce working head by filling the pond to overflow level minus 6 inches with water.
    2. Leakage measurement will be determined by incremental change in level in the pond for a 48 hour time period without rain.
    3. Initial and final measurements will be made at 9:00 AM.
    4. Leakage shall not exceed 0.10" per 48 hour period, approximately 50 gallons.

**\*\* END OF SECTION \*\***

# **DRAWINGS**

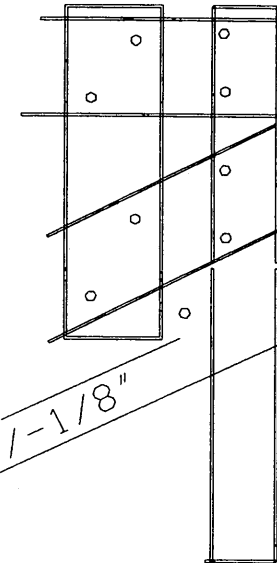
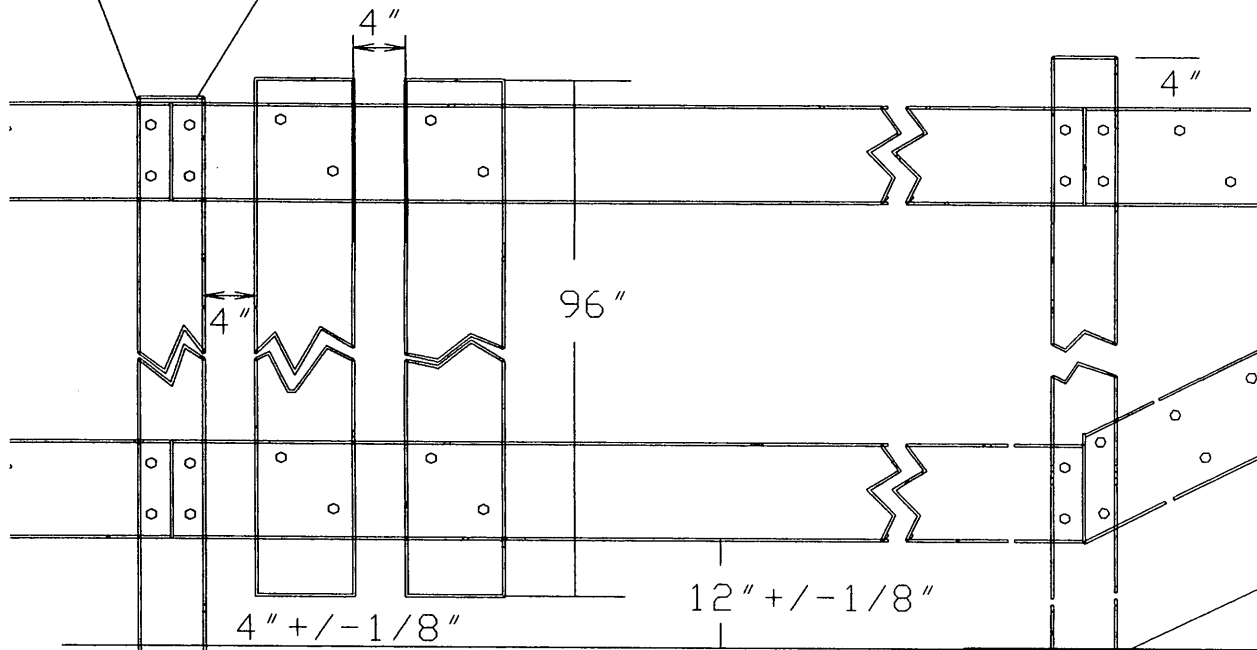
## **NOTICE**

The prints included with this bid book are excerpts from the original construction drawings. These prints are not guaranteed accurate, however, they are the only information the City Of Newberg has available.



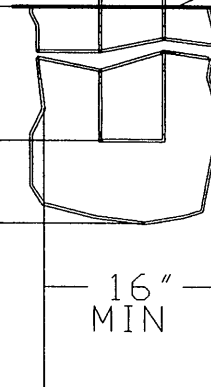
5 X 18.5#  
WF POST

# MISC BAFFLE DETAILS



48" MIN

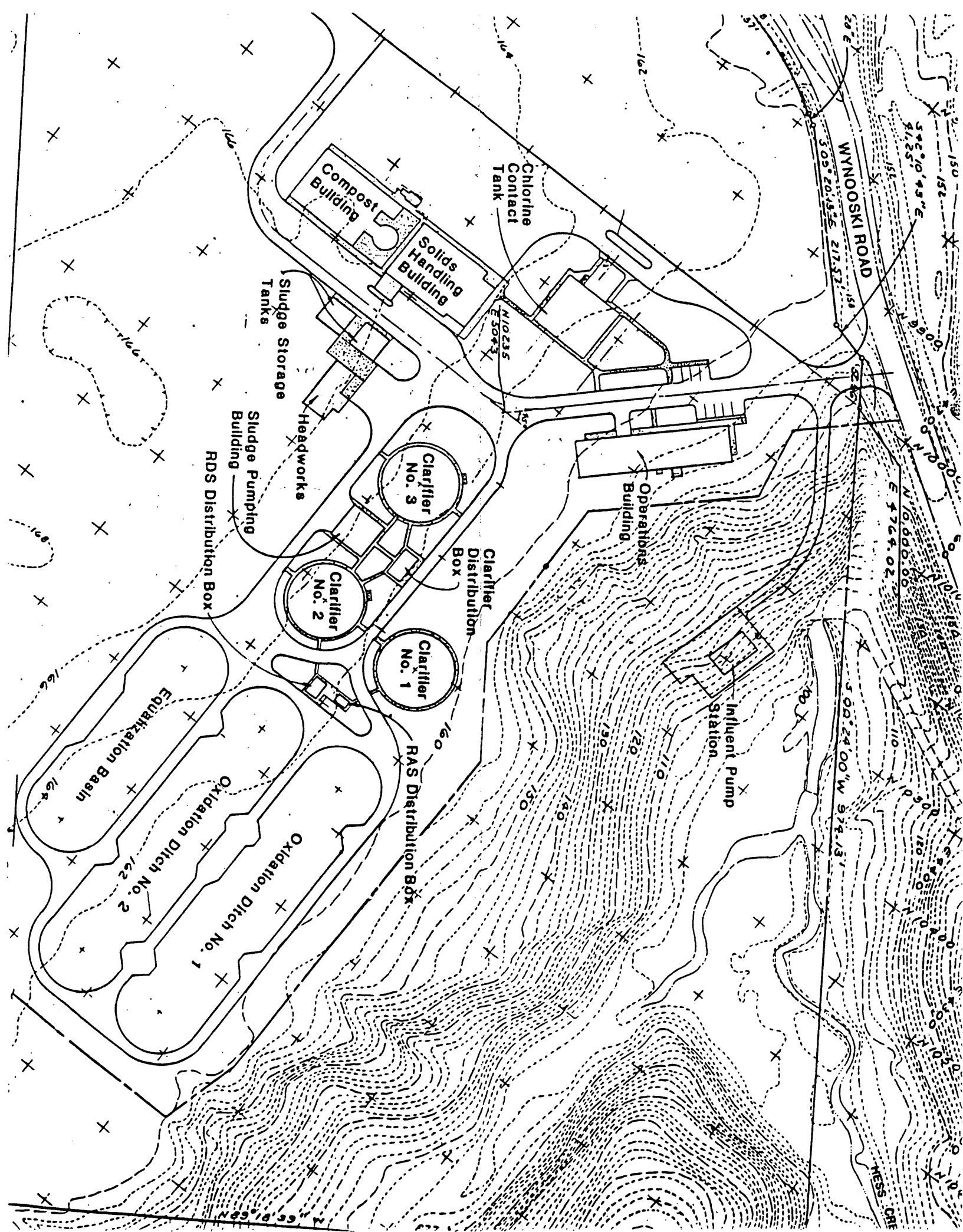
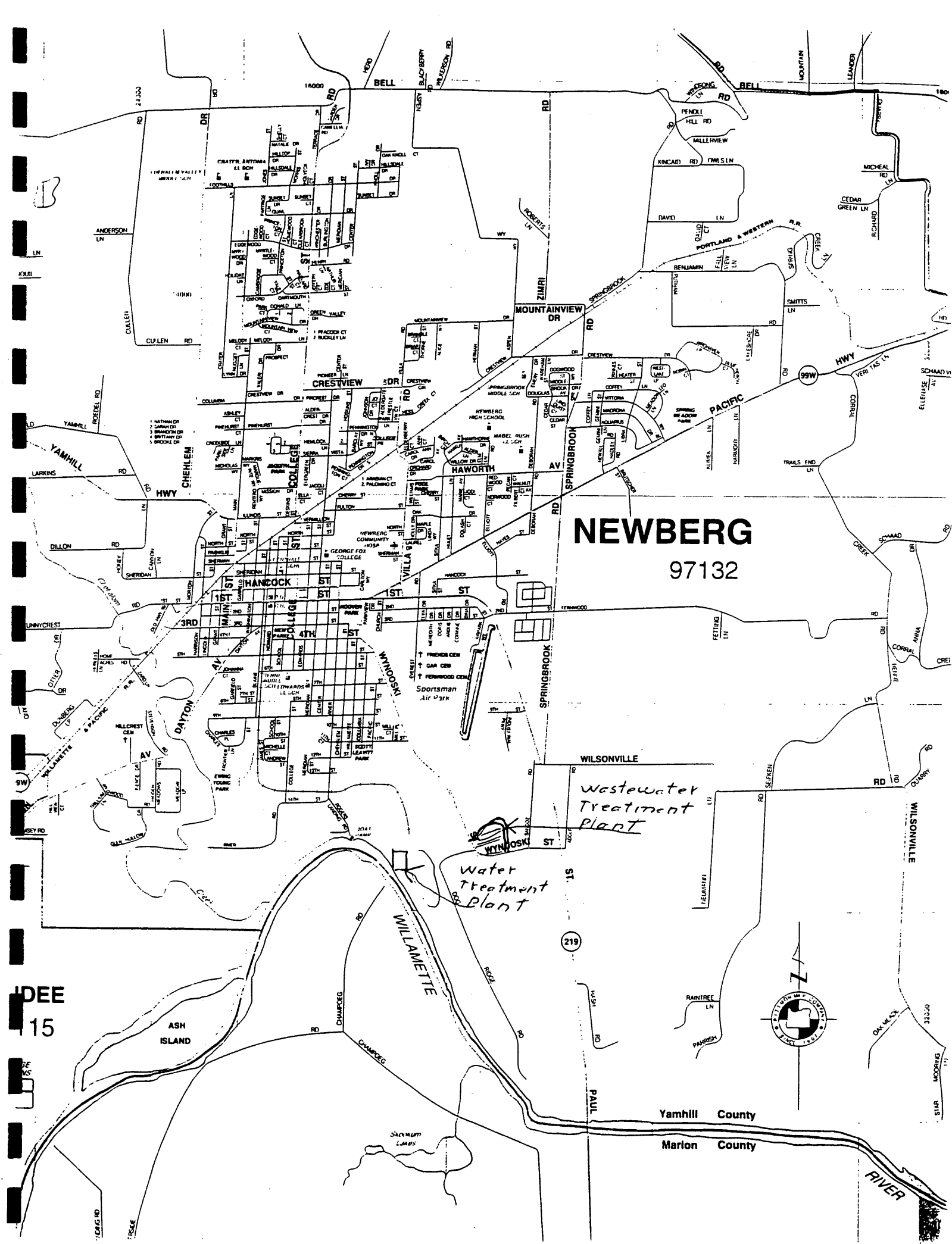
6" MIN



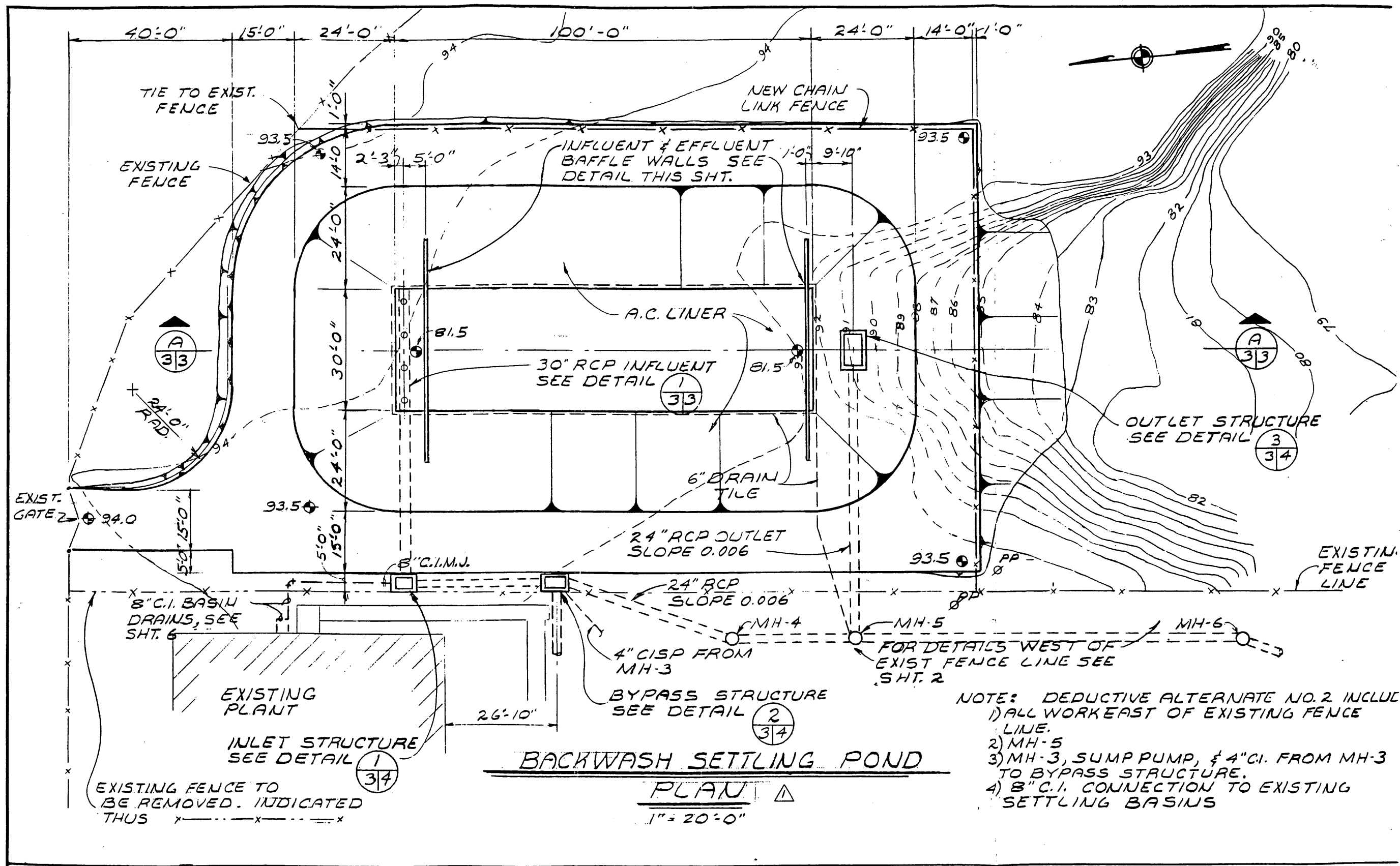
TYPICAL  
POST DETAIL

NOT TO SCALE

|                 |      |                           |               |
|-----------------|------|---------------------------|---------------|
| PROJECT NO.     | DATE | JOB SITE                  | PROCESS ID    |
| DRAWN RB        | 8/99 | NEWBERG WTP               | BACKWASH POND |
| CHECK           |      | AS-BUILT DATE             | BY            |
| DESIGNER RB     | 8/99 | TITLE MISC BAFFLE DETAILS |               |
| PROJECT MANAGER |      | SIZE                      | FILE NAME     |
| CUSTOMER        |      | A                         | C:\PROJ\POND1 |
|                 |      | SCALE                     | NTS           |
|                 |      | ORIGINAL LOCATION         | SHEET 1 of 1  |

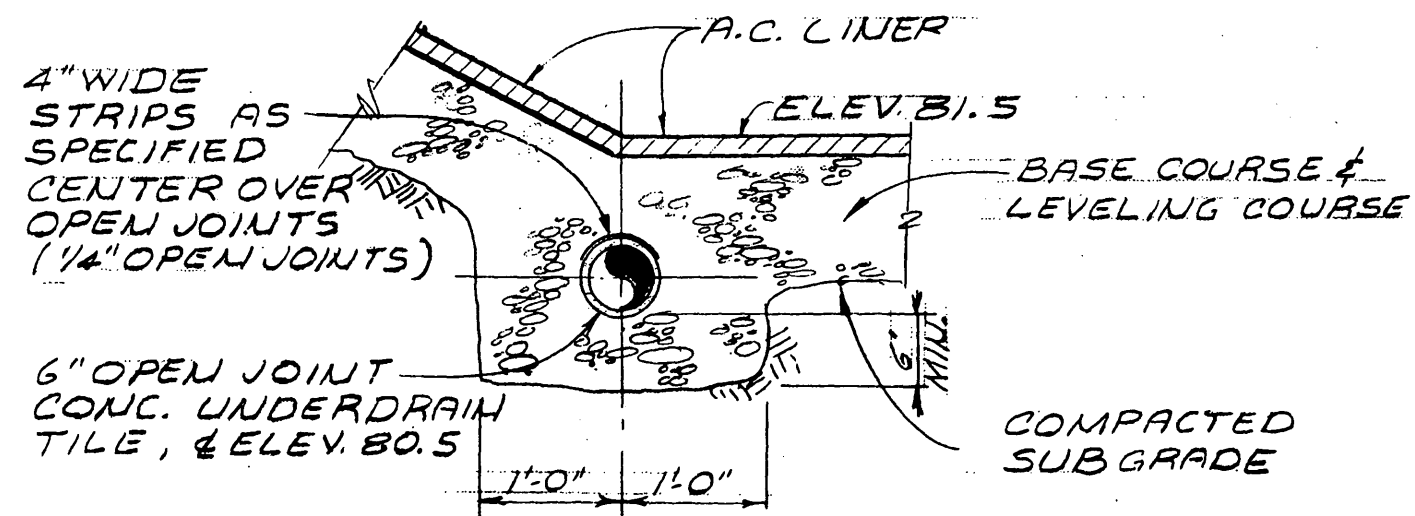
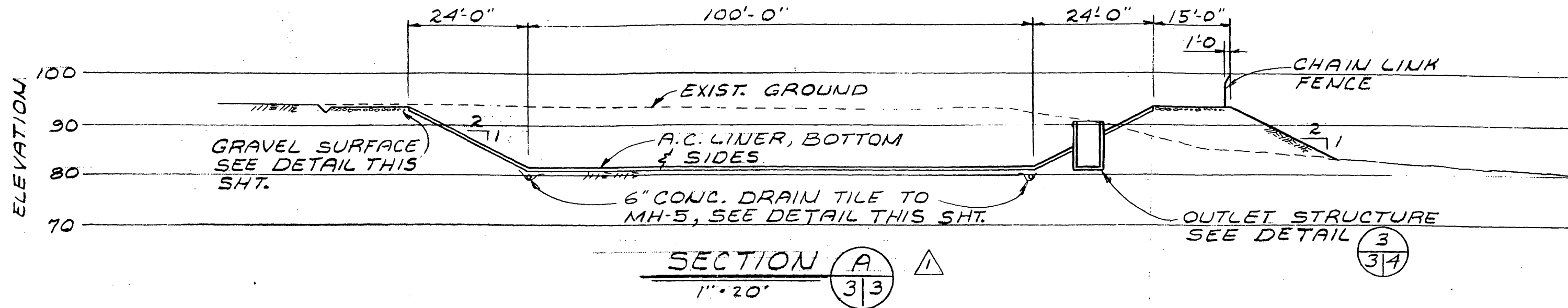




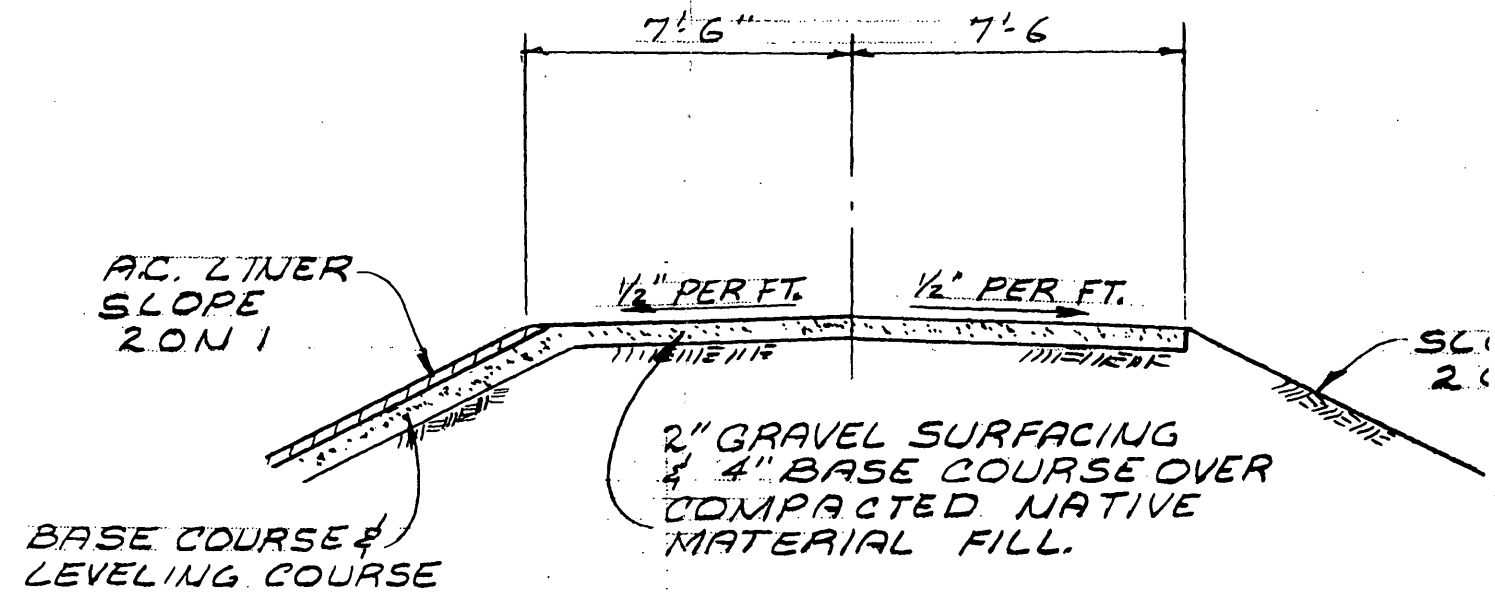


BE REMOVED. INDICATED  
THUS X---X---X

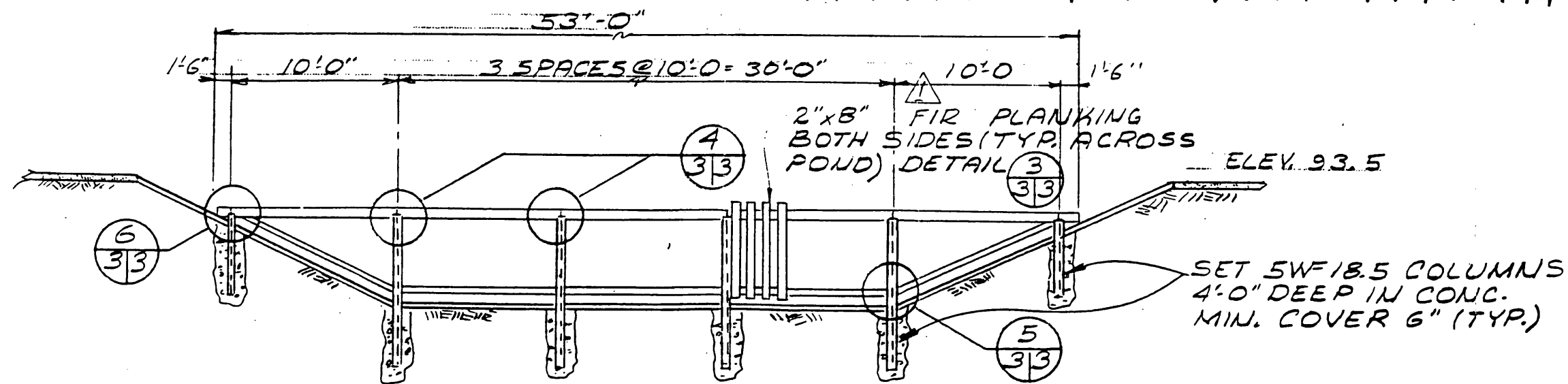
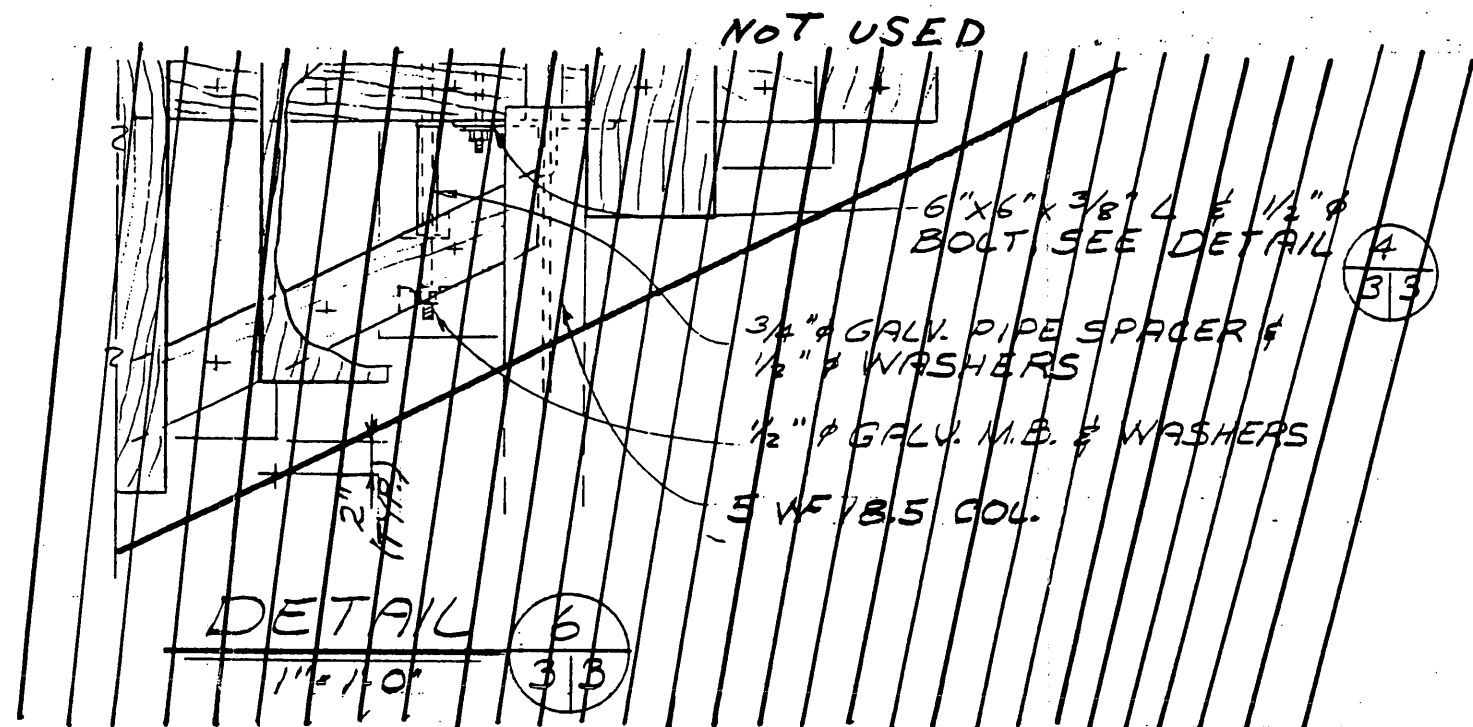
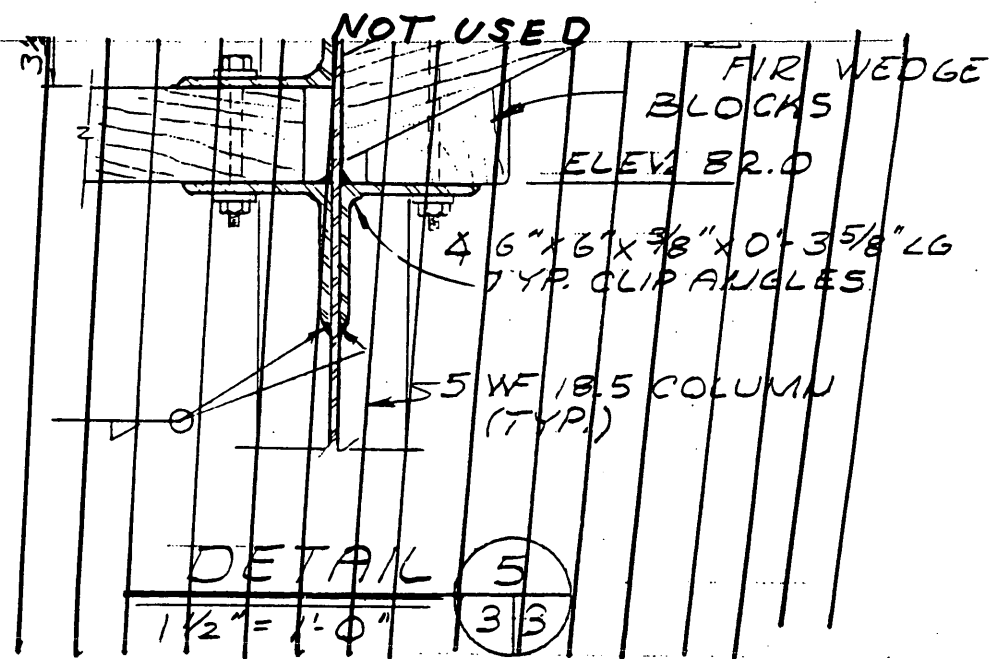
1" = 20'-0"



3/4" = 1'-0"



N.T.S.



SETTLING POND BAFFLE

DETAIL - 2 REQ'D.

N.T.S.