HILLCREST DRIVE
BRIDGE NO. 160
BRIDGE REPLACEMENT PROJECT
Federal Aid Project No. BRS-4617(001)
YAKIMA COUNTY PUBLIC SERVICES PROJECT
C 3376
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CERTIFICATE

I HEREBY CERTIFY THAT THE ATTACHED DOCUMENTS, PLANS, AND SPECIFICATIONS CONFORM TO ORIGINALS WHICH ARE ON FILE IN THE OFFICE OF THE COUNTY ENGINEER OF YAKIMA COUNTY, WASHINGTON.

COUNTY ENGINEER

DATE: 8/2/12
INSTRUCTIONS TO BIDDERS

DELIVERY OF PROPOSALS
Sealed bids will be received at the following location before the specified time:

Office of the County Engineer of Yakima County
4th Floor, Yakima County Courthouse
128 North 2nd Street
Yakima, Washington 98901

until 2:00 p.m. of the bid opening date.

Each proposal, or bid shall be completely sealed in a separate package, addressed to the County Engineer of Yakima County with the name of the improvements for which the bid is submitted plainly written on the outside of the package.

No oral, telephonic, facsimile, or telegraphic Bids or modifications shall be accepted.

DATE OF OPENING BIDS
The bid opening date for this project shall be August 29, 2012.

The bids shall be publicly opened and read after 2:00 p.m. on that date at the following location:

Yakima County Courthouse
Fourth Floor Conference Room
128 North 2nd Street
Yakima, Washington 98901

RIGHT TO REJECT BIDS:
The right is reserved to reject any and all proposals, to accept the proposal or proposals deemed best for the County or to advertise for new proposals when in the opinion of the Board the best interest of the County shall be promoted thereby.

PROPOSAL GUARANTY:
A certified check, cashier's check, cash or bid bond made payable to the Treasurer of the County of Yakima for an amount equal to at least five percent (5%) of the total amount bid must accompany each bid as evidence of good faith and as a guarantee that if awarded the Contract the bidder shall execute the Contract and give Bond as required.

FORM FURNISHED:
All Bids shall be submitted on authorized forms supplied by the County. Any Bid submitted on forms marked "Informational" or otherwise watermarked shall be considered irregular and will be rejected. Bidders wishing to submit Bids should contact the Yakima County Road Engineer's office at the address above to request authorized bid documents.

This project is a federal-aid funded project. Yakima County in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000-4 and Title 49, Code of Federal Regulations, Department of Transportation, subtitle A, Office of the Secretary, Part 21, nondiscrimination in federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it shall affirmatively insure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises shall be afforded full opportunity to submit bids in response to this invitation and shall not be discriminated against on the grounds of race, color or national origin in consideration for an award.

YAKIMA COUNTY IS AN EQUAL OPPORTUNITY EMPLOYER
PROPOSAL

This certifies that the undersigned has examined the location of the noted project:

C 3376 – HILLCREST DRIVE BRIDGE NO. 160 – BRIDGE REPLACEMENT PROJECT

And that the Plans, Specifications and Contract governing the work embraced in these improvements, and the method by which payment will be made for said work, is understood. The undersigned hereby proposes to undertake and complete the work embraced in these improvements, or as much as can be completed with the money available, in accordance with the said Plans, Specifications, and Contract, and the following schedule of rates and prices:

NOTE: Unit Prices for all items, all extensions, and total amount of bid shall be shown. Special Provision 1-07.2(1) Rule 171 applies to Unit Prices on Schedule A items. Special Provision 1-07.2(2) Rule 170 applies to Unit Prices on Schedule B items. State Sales Tax is added to the Schedule B Subtotal which is then added to the Schedule A Total to determine the Project Total. No oral, telephonic, facsimile, or telegraphic Bids or modifications shall be considered or accepted.

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**SCHEDULE A TOTAL =** $
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SCHEDULE B SUBTOTAL = $ 

Washington State Sales Tax @ 7.9% = $ 

SCHEDULE B TOTAL = $ 

PROJECT TOTAL = SCHEDULE A TOTAL + SCHEDULE B TOTAL = $ 

NOTE: THE PROJECT TOTAL SHALL BE USED FOR THE CONTRACT AND BOND AMOUNT.
PROPOSAL - Continued

The bidder is hereby advised that by signature of this proposal he/she is deemed to have acknowledged all requirements and signed all certificates contained herein.

A proposal guaranty in an amount of five percent (5%) of the total bid, based upon the approximate estimate of quantities at the above prices and in the form as indicated below, is attached hereto:

CASH [ ] IN THE AMOUNT OF ____________________________

CASHIER'S CHECK [ ] _______________________________ DOLLARS

CERTIFIED CHECK [ ] ($______) PAYABLE TO THE COUNTY TREASURER

PROPOSAL BOND [ ] IN THE AMOUNT OF 5 PERCENT (5%) OF THE BID

Bidder acknowledges receipt of the following Addendums:

No. Date

The undersigned has telephoned the Office of the Yakima County Engineer for verification of the number of Addendums issued.

SIGNATURE OR AUTHORIZED OFFICIAL(S)

Title:
Firm Name:
Address:
Phone No.:
Washington Registration No.:
Federal ID Tax No.:
UBI No.:
E-Mail:

Signed and sworn (or affirmed) before me on __________________________

Date

______________________________

NOTARY PUBLIC

My appointment expires __________________________

(Seal and Stamp)

NOTE: (1) This proposal is not transferable and any alteration of the firm's name entered hereon without prior permission from the County Engineer shall be cause for considering the proposal irregular and subsequent rejection of the bid.
(2) Please refer to Section 1-02.6 of the Standard Specifications, re: "Preparation of Proposal"
(3) Should it be necessary to modify this proposal either in writing or by electronic means, please make reference to the following proposal number in your communications C 3376.
LETTER OF RESPONSIBILITY

Date: 
County Road Project No.: C 3376

TO: 
BOARD OF COUNTY COMMISSIONERS OF YAKIMA COUNTY, WASHINGTON
(Party awarding principal contract)

Dear Sirs:

I hereby maintain that I am a responsible bidder as contemplated by the policies of the State of Washington (Chapter 157, Laws of Washington of 1937).

a. My permanent place of business is ______________________________, which I have maintained for ________ years.

b. I have adequate plant equipment to do expeditiously and properly the work contemplated for Yakima County, Washington.

DESCRIPTION OF WORK:

C 3376 – Hillcrest Drive Bridge No. 160 – Bridge Replacement Project

I have the following equipment available for this work:

___________________________________________________________________________

___________________________________________________________________________

___________________________________________________________________________

c. I have adequate funds to promptly meet obligations incident to this work.

Bank reference: ________________________________________________________________

___________________________________________________________________________

___________________________________________________________________________

d. I have had experience in this class of work, having constructed the following improvements:

___________________________________________________________________________

___________________________________________________________________________

I hereby certify that the above is a true and accurate statement.

Very truly yours,

Contractor

NOTE: This sheet need not be submitted, unless so requested by the Engineer subsequent to opening of bid. This “letter of responsibility” shall not be construed to be a request for Prequalification of bidder.
DEFINITION OF TERMS

In interpreting these specifications, the following definitions shall prevail:


SECRETARY OF TRANSPORTATION: Secretary of Transportation of the State of Washington.

BOARD: The Board of County Commissioners of Yakima County.

ENGINEER: County, or construction engineer, or his duly authorized assistants by whom all explanations and directions necessary for the satisfactory prosecution and completion of the work described in these specifications will be given.

CONTRACTOR: The person, firm, co-partnership, or corporation, or any lawful agent of such person, firm, partnership or corporation constituting one of the principals to the contract and undertaking to perform the work herein specified.

CONTRACT: The Agreement between the Contractor and the County of Yakima acting through the Board of County Commissioners. The contract shall include the accepted “Proposal”, “Plans”, “Specifications” and “Contract Bond”, also any and all supplemental agreements which reasonably could be required to complete the construction of the work in a substantial and acceptable manner.

PROPOSAL: The written offer, or copy thereof of the bidder to perform the work proposed.

PLANS: The officially approved drawings, or reproductions thereof attached to this contract.

SPECIFICATIONS: The directions, provisions and requirements contained herein, together with all written agreements made, or to be made pertaining to the method and manner of performing the work, or to the quantities and qualities of materials to be furnished under the contract.

CONTRACT BOND: The approved form of security furnished by the Contractor and his surety as a guarantee of good faith on the part of the Contractor to execute the work in accordance with the terms of the contract.

LABORATORY: The laboratories of the Department of Transportation, or other laboratories designated by the engineer.

AMOUNT OF THE CONTRACT: For the purpose of awarding the contract and determining the amount of the bond, the lump sum bid, or the summation of the products of the approximate quantities shown on the plans or otherwise stated by the unit prices will be considered the total amount of the bid and the full amount of the contract price.
Failure to return this Declaration as part of the bid proposal package will make the bid nonresponsive and ineligible for award.

NON-COLLUSION DECLARATION

I, by signing the proposal, hereby declare, under penalty of perjury under the laws of the United States that the following statements are true and correct:

1. That the undersigned person(s), firm, association or corporation has (have) not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with the project for which this proposal is submitted.

2. That by signing the signature page of this proposal, I am deemed to have signed and to have agreed to the provisions of this declaration.

NOTICE TO ALL BIDDERS

To report rigging activities call:

1-800-424-9071

The U.S. Department of Transportation (USDOT) operates the above toll-free “hotline” Monday through Friday, 8:00 a.m. to 5:00 p.m., eastern time. Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use the “hotline” to report such activities.

The “hotline” is part of USDOT’s continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the USDOT inspector General. All information will be treated confidentially and caller anonymity will be respected.
Local Agency Certification for Federal-Aid Contracts

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

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, “Disclosure Form to Report Lobbying,” in accordance with its instructions.

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

The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed $100,000 and that all such subrecipients shall certify and disclose accordingly.
Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion
Lower Tier Covered Transactions

This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, 29 CFR Part 98, Section 98.510, Participant’s responsibilities. The regulations were published as Part VII of the May 26, 1998 Federal Register (pages 19160-19211).

(BEFORE COMPLETING CERTIFICATION, READ ATTACHED INSTRUCTIONS WHICH ARE AN INTEGRAL PART OF THE CERTIFICATION)

(1) The prospective recipient of federal assistance funds certifies, by submission of this proposal, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

(2) Where the prospective recipient of federal assistance funds is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

__________________________________________
Name and Title of Authorized Representative

__________________________________________
Signature                                   Date
CONTRACT

THIS AGREEMENT is made and entered into between Yakima County acting under and by virtue of Titles 36 and 39 RCW, hereinafter called the "COUNTY" and ________________, hereinafter called the "CONTRACTOR".

That in consideration of the terms and conditions contained herein and attached and made a part of this agreement, the parties hereto covenant and agree as follows:

I. The CONTRACTOR shall do all work and furnish all tools and equipment for C 3376 - Hillcrest Drive Bridge #160 - Bridge Replacement Project, and shall perform any changes in the work in accordance with the Contract Documents, which include the Contract Form, Bidder's completed Proposal Form, Scope of Work, Contract Plans, Contract Provisions, Standard Specifications, Standard Plans, Addenda, various certifications and affidavits, supplemental agreements, and any change orders.

II. The CONTRACTOR shall provide and bear the expense of all equipment, material and labor of any sort whatsoever that may be required for the transfer of materials and for constructing and completing the work provided for in the Contract Documents except those items mentioned therein to be furnished by Yakima County.

III. The COUNTY hereby promises and agrees to pay the CONTRACTOR according to the conditions stated in the Contract Documents.

IV. The CONTRACTOR for itself, and for its heirs, executors, administrators, successors and assigns does hereby agree to the full performance of all the covenants herein contained upon the part of the CONTRACTOR.

V. It is further provided that no liability shall attach to the COUNTY by reason of entering into this Contract, except as expressly provided herein.

VI. The parties agree that, for the purpose of this agreement the CONTRACTOR is an independent contractor and neither the CONTRACTOR nor any employee of the CONTRACTOR is an employee of the COUNTY. Neither the CONTRACTOR nor any employee of the CONTRACTOR is entitled to any benefits that the COUNTY provides its employees. The CONTRACTOR is solely responsible for payment of any statutory workers compensation or employer’s liability insurance as required by state law.

IN WITNESS WHEREOF, the CONTRACTOR has executed this instrument, on the date indicated below and Yakima County has caused this instrument to be executed in the name of said COUNTY by and through the Board of Yakima County Commissioners on the date indicated below.

CONTRACTOR:
Signed:____________________, 2012

__________________________
Signature for

__________________________
Print or Type Name of Person Signing

__________________________
Title

Foregoing Contract approved and ratified
____________________, 20___

__________________________
Surety

__________________________
Attorney in fact

BOARD OF YAKIMA COUNTY COMMISSIONERS
Signed:____________________, 2012

__________________________
J. Rand Elliot, Chairman

__________________________
Michael D. Leita, Commissioner

__________________________
Kevin J. Bouchey, Commissioner

__________________________
ATTEST: Clerk of the Board

__________________________
Tiera Girard

Approved as to form:

__________________________
Deputy Prosecuting Attorney
PERFORMANCE BOND
(RCW 39.08)

KNOW ALL MEN BY THESE PRESENTS, That ____________________________, as "PRINCIPAL", and ____________________________, a corporation authorized to do business in the State of Washington, as "SURETY", are jointly and severally held and bound unto Yakima County, Washington in the penal sum ____________________________ Dollars ($_____________________________) for the payment of which by these presents we jointly and severally bind ourselves, our heirs, executors, administrators, assigns, and successors.

THE CONDITION of this bond is such that WHEREAS, on ____________________________, 20___, the PRINCIPAL executed a certain Contract with the County, by the terms of which PRINCIPAL agrees to furnish all material and labor and will undertake and complete the construction of C 3376 – Hillcrest Drive Bridge #160 – Bridge Replacement Project, according to the maps, plans and specifications, made a part of said Contract, which Contract is attached hereto and by this reference is incorporated herein and made a part hereof. FURTHER, the SURETY agrees to be bound by the laws of the State of Washington and subjected to the jurisdiction of the State of Washington.

NOW, THEREFORE, if the PRINCIPAL shall faithfully perform all the provisions of such contract and pay all laborers, mechanics, subcontractors and materialmen, and all persons who supply such persons or subcontractors with provisions or supplies for the carrying on of such work, then this obligation to be void, otherwise to remain in full force and effect.

Dated this ______ day of ____________________________, 20___.

PRINCIPAL
By: ____________________________
Title: ____________________________

SURETY
By: ____________________________
Attorney-in-Fact

APPROVED: YAKIMA COUNTY
By: ____________________________
Chair of the Board of Yakima County Commissioners
Date: ____________________________, 20___

Approved as to form:

Deputy Prosecuting Attorney

Name of Local Office of Agent

Address of Local Office Agent

BOND NUMBER ____________________________
YAKIMA COUNTY CONTRACT NUMBER ____________________________
AMENDMENTS TO
THE STANDARD
SPECIFICATIONS
INTRODUCTION

The following Amendments and Special Provisions shall be used in conjunction with the 2012 Standard Specifications for Road, Bridge, and Municipal Construction.

AMENDMENTS TO THE STANDARD SPECIFICATIONS

The following Amendments to the Standard Specifications are made a part of this contract and supersede any conflicting provisions of the Standard Specifications. For informational purposes, the date following each Amendment title indicates the implementation date of the Amendment or the latest date of revision.

Each Amendment contains all current revisions to the applicable section of the Standard Specifications and may include references which do not apply to this particular project.

1-01.AMEN

Section 1-01, Definition and Terms

August 6, 2012

1-01.3 Definitions

The definition for "Bid Documents" is revised to read:

The component parts of the proposed Contract which may include, but are not limited to, the Proposal Form, the proposed Contract Provisions, the proposed Contract Plans, Addenda, and, for projects with Contracting Agency subsurface investigations, the Summary of Geotechnical Conditions and subsurface boring logs (if any).

The definition for "Superstructures" is revised to read:

The part of the Structure above:

1. The bottom of the grout pad for the simple and continuous span bearing, or
2. The bottom of the block supporting the girder, or
3. Arch skewback and construction joints at the top of vertical abutment members or rigid frame piers.

Longitudinal limits of the Superstructure extend from end to end of the Structure in accordance with the following criteria:

1. From the face of end diaphragm abutting the bridge approach embankment for end piers without expansion joints, or
2. From the end pier expansion joint for bridges with end pier expansion joints.

Superstructures include, but are not limited to, the bottom slab and webs of box girders, the bridge deck and diaphragms of all bridges, and the sidewalks when shown on the bridge deck. The Superstructure also includes the girders, expansion joints, bearings, barrier, and railing attached to the Superstructure when such Superstructure components are not otherwise covered by separate unit measured or lump sum bid items.
Superstructures do not include endwalls, wingwalls, barrier and railing attached to the wingwalls, and cantilever barriers and railings unless supported by the Superstructure.

1-02.AP1
Section 1-02, Bid Procedures and Conditions
January 2, 2012

1-02.4(2) Subsurface Information
The first two sentences in the first paragraph are revised to read:
If the Contracting Agency has made subsurface investigation of the site of the proposed work, the boring log data, soil sample test data, and geotechnical recommendations reports obtained by the Contracting Agency will be made available for inspection by the Bidders at the location specified in the Special Provisions. The Summary of Geotechnical Conditions, as an appendix to the Special Provisions, and the boring logs shall be considered as part of the Contract.

1-03.AP1
Section 1-03, Award and Execution of Contract
April 2, 2012

1-03.1(1) Tied Bids
This section's title is revised to read:

1-03.1(1) Identical Bid Totals

1-05.AP1
Section 1-05, Control of Work
August 6, 2012

1-05.13(1) Emergency Contact List
The second sentence in the first paragraph is revised to read:
The list shall include, at a minimum, the Prime Contractor's Project Manager, or equivalent, the Prime Contractor's Project Superintendent, the Erosion and Sediment Control (ESC) Lead and the Traffic Control Supervisor.

1-07.AP1
Section 1-07, Legal Relations and Responsibilities to the Public
June 4, 2012

1-07.1 Laws to be Observed
The following two sentences are inserted after the first sentence in the third paragraph:
In particular the Contractor's attention is drawn to the requirements of WAC 296.800 which requires employers to provide a safe workplace. More specifically WAC 296.800.11025 prohibits alcohol and narcotics from the workplace.
1-08.AP1  
Section 1-08, Prosecution and Progress  
April 2, 2012  

1-08.1 Subcontracting  
In the eighth paragraph, “Contracting Agency” is revised to read “WSDOT”.  

1-08.3(1) General Requirements  
The following new paragraph is inserted after the first paragraph:  

   Total float belongs to the project and shall not be for the exclusive benefit of any party.  

1-08.7 Maintenance During Suspension  
The second paragraph is revised to read:  

   At no expense to the Contracting Agency, the Contractor shall provide through the construction area safe, smooth, and unobstructed roadways and pedestrian access routes for public use during the suspension (as required in Section 1-07.23 or the Special Provisions.) This may include a temporary road, alternative pedestrian access route or detour.  

1-09.AP1  
Section 1-09, Measurement and Payment  
August 6, 2012  

1-09.1 Measurement of Quantities  
The following new sentence is inserted after the sentence “‘Ton’:2,000 pounds of avoirdupois weight”:  

   Items of payment that have “Lump Sum” or “Force Account” in the Bid Item of Work shall have no specific unit of measurement requirement.  

1-09.2(5) Measurement  
The second sentence in the first paragraph is revised to read:  

   The frequency of verification checks will be such that at least one test weekly is performed for each scale used in weighing contract items of Work.  

3-04.AP3  
Section 3-04, Acceptance of Aggregate  
April 2, 2012  

3-04.3(7)D4 An Entire Lot  
The last sentence is deleted.  

3-04.5 Payment  
In the second paragraph, the reference “Section 3-04.3(6)C” is revised to read “Section 3-04.3(8)”.  

In Table 1, the row containing the item “Gravel Borrow for Geosynthetic Retaining Wall” is revised to read:  

| 9-03.14(4) | Gravel Borrow for Geosynthetic Retaining Wall | 4000 | 2000 | $30 | $60 |

HILLCREST DRIVE BRIDGE NO. 160 – BRIDGE REPLACEMENT PROJECT  
COUNTY PROJECT NO. C 3376 / FEDERAL AID PROJECT NO. BRS-4617(001)  
AMENDMENTS 16
Section 5-04, Hot Mix Asphalt
August 6, 2012

5-04.3(10)B3 Longitudinal Joint Density
The section including title is revised to read:

5-04.3(10)B3 Vacant

5-04.3(11)D General
The last sentence in the first paragraph is deleted.

Section 6-02, Concrete Structures
August 6, 2012

6-02.3(2) Proportioning Materials
The Lean Concrete value in the column “Minimum Cementitious Content (pounds)” in the table titled “Cementitious Requirement for Concrete” is revised to read:

****145

The following new note is inserted after the note “**** No maximum specified” in the table titled “Cementitious Requirement for Concrete”:

****Maximum of 200 pounds

6-02.3(2)B Commercial Concrete
The second paragraph is revised to read:

Where concrete Class 3000 is specified for items such as, culvert headwalls, plugging culverts, concrete pipe collars, pipe anchors, monument cases, Type PPB, PS, I, FB and RM signal standards, pedestals, cabinet bases, guardrail anchors, fence post footings, sidewalks, curbs, and gutters, the Contractor may use commercial concrete. If commercial concrete is used for sidewalks, curbs, and gutters, it shall have a minimum cementitious material content of 564 pounds per cubic yard of concrete, shall be air entrained, and the tolerances of Section 6-02.3(5)C shall apply.

6-02.3(2)D Lean Concrete
This section is revised to read:

Lean concrete shall meet the cementitious requirements of Section 6-02.3(2) and have a maximum water/cement ratio of 2.

6-02.3(14)C Pigmented Sealer for Concrete Surfaces
This section is revised to read:

The Contractor shall submit the pigmented sealer manufacturer’s written instructions covering, at a minimum, the following:

1. Surface preparation
2. Application methods

3. Requirements for concrete curing prior to sealer application

4. Temperature, humidity and precipitation limitations for application

5. Rate of application and number of coats to apply

The Contractor shall not begin applying pigmented sealer to the surfaces specified to receive the sealer until receiving the Engineer's approval of the submittal.

All surfaces specified in the Plans to receive pigmented sealer shall receive a Class 2 surface finish (except that concrete barrier surfaces shall be finished in accordance with Section 6-02.3(11)A). The Contractor shall not apply pigmented sealer from a batch greater than 12 months past the initial date of color sample approval of that batch by the Engineer.

The pigmented sealer color or colors for specific concrete surfaces shall be as specified in the Special Provisions.

The final appearance shall be even and uniform without blotchiness, streaking or uneven color. Surface finishes deemed unacceptable by the Engineer shall be re-coated in accordance with the manufacturer's recommendations at no additional expense to the Contracting Agency.

For concrete surfaces such as columns, retaining walls, pier walls, abutments, concrete fascia panels, and noise barrier wall panels, the pigmented sealer shall extend to 1 foot below the finish ground line, unless otherwise shown in the Plans.

6-02.3(16) Plans for Falsework and Formwork

Item No. 4 in the seventh paragraph is revised to read:

4. Conditions required by other Sections of 6-02.3(17), Falsework and Formwork.

Item's No. 5, 6, 7, and 8 in the seventh paragraph are deleted.

The following paragraph is inserted after the seventh paragraph:

Plan approval can be done by the Project Engineer for footings and walls 4 to 8 feet high (excluding pedestal height) provided:

1. Concrete placement rate is 4 feet per hour or less.

2. Facing is ¾-inch plywood with grades as specified per Section 6-02.3(17)I.

3. Studs, with plywood face grain perpendicular, are 2 by 4's spaced at 12 inches.

4. Walers with 3,000 pound safe working load ties spaced at 24 inches are two 2 by 4's spaced at 24 inches.

6-02.3(17)F Bracing

In the first paragraph, the phrase "per Section 6-02.3(17)I" is revised to read "in accordance with Section 6-02.3(17)I".

This section is supplemented with the following new sub-section:
6-02.3(17)F5 Temporary Bracing for Bridge Girders During Diaphragm and Bridge Deck Concrete Placement

Prestressed concrete girders shall be braced to resist forces that would cause rotation or torsion in the girders caused by the placing of precast concrete deck panels and concrete for the bridge deck.

Bracing shall be designed and detailed by the Contractor and shall be shown in the falsework/formwork plans submitted to the Engineer for approval. These braces shall be furnished, installed, and removed by the Contractor at no additional cost to the Contracting Agency. The Contractor may consider the bracing effects of the diaphragms in developing the falsework/formwork plans. The Contractor shall account for the added load from concrete finishing machines and other construction loadings in the design of the bracing.

Falsework support brackets and braces shall not be welded to structural steel bridge members or to steel reinforcing bars.

6-02.3(17)F4 Temporary Bracing for Bridge Girders

This section including title is revised to read:

6-02.3(17)F4 Temporary Bracing for Bridge Girders During Erection

Steel girders shall be braced in accordance with Section 6-03.3(7)A.

Prestressed concrete girders shall be braced sequentially during girder erection. The bracing shall be designed and detailed by the Contractor and shall be shown in the falsework/formwork plans submitted to the Engineer for approval. The Contractor shall furnish, install, and remove the bracing at no additional cost to the Contracting Agency.

At a minimum, the Contractor shall brace girders at each end and at midspan to prevent lateral movement or rotation. This bracing shall be placed prior to the release of each girder from the erection equipment. If the bridge is constructed with cast-in-place concrete diaphragms, the bracing may be removed once the concrete in the diaphragms has been placed and cured for a minimum of 24 hours.

6-02.3(17)H Formwork Accessories

The first paragraph is deleted and replaced with the following two new paragraphs:

Formwork accessories such as form ties, form anchors, form hangers, anchoring inserts, and similar hardware shall be specifically identified in the formwork plans including the name and size of the hardware, manufacturer, safe working load, and factor of safety. The grade of steel shall also be indicated for threaded rods, coil rods, and similar hardware. Wire form ties shall not be used. Welding or clamping formwork accessories to Contract Plan reinforcing steel will not be allowed. Driven types of anchorages for fastening forms or form supports to concrete, and Contractor fabricated “J” hooks shall not be used. Field drilling of holes in prestressed girders is not allowed.

Taper ties may be used provided the following conditions are met:

1. The structure is not designed to resist water pressure (pontoon, floating dolphins, detention vaults, etc.)
2. After the taper tie is removed, plugs designed and intended for plugging taper tie holes shall be installed at each face of concrete. The plug shall be installed a minimum of 1/2" clear from the face of concrete.

3. After the plug is installed, the hole shall be cleaned of all grease, contamination and foreign matter.

4. Holes on the exposed faces of concrete shall be patched and finished to match the surrounding concrete.

6-02.3(25)N Prestressed Concrete Girder Erection
The third sentence in the fifth paragraph is revised to read:

The girders shall be braced in accordance with Sections 6-02.3(17)F4 and 6-02.3(17)F5.

6-06.AP6
Section 6-06, Bridge Railings
August 6, 2012

6-06.3(2) Metal Railings
The third paragraph is revised to read:

Anchor bolts shall be positioned with a template to ensure that bolts match the hole spacing of the bottom channels or anchorage plates.

6-10.AP6
Section 6-10, Concrete Barrier
August 6, 2012

6-10.3 Construction Requirements
This section is supplemented with the following:

Steel welded wire reinforcement deformed, conforming to Section 9-07.7, may be substituted in concrete barrier in place of deformed steel bars conforming to Section 9-07.2, subject to the following conditions:

1. Steel welded wire reinforcement spacing shall be the same as the deformed steel bar spacing as shown in the Standard Plans.

2. The minimum cross sectional area for steel welded wire reinforcement shall be no less than 86 percent of the cross sectional area for the deformed steel bars being substituted.


6-10.5 Payment
In the second paragraph, the bid item "Conc. Class 4000" is revised to read:

"Conc. Class 4000___"
7-05.AP7
Section 7-05, Manholes, Inlets, Catch Basins, and Drywells
April 2, 2012

7-05.3 Construction Requirements
The third paragraph is supplemented with the following:

Leveling and adjustment devices that do not modify the structural integrity of the metal frame, grate or cover, and do not void the originating foundry’s compliance to these specifications and warranty is allowed. Approved leveling devices are listed in the Qualified Products List. Leveling and adjusting devices that interfere with the backfilling, backfill density, grouting and asphalt density will not be allowed. The hardware for leveling and adjusting devices shall be completely removed when specified by the Project Engineer.

7-08.AP7
Section 7-08, General Pipe Installation Requirements
August 6, 2012

7-08.3(2)D Pipe Laying – Steel or Aluminum
The following new sentence is inserted after the first sentence in the second paragraph:

The paint shall cover all the surface in contact with the concrete and extend one inch beyond the point of contact.

8-01.AP8
Section 8-01, Erosion Control and Water Pollution Control
August 6, 2012

8-01.3(2)D Mulching
The following two new paragraphs are inserted after the fourth paragraph:

Short-Term Mulch shall be hydraulically applied at the rate of 2500 pounds per acre and may be applied in one lift.

Moderate-Term Mulch and Long-Term Mulch shall be hydraulically applied at the rate of 3500 pounds per acre with no more than 2000 pounds applied in any single lift.

8-01.3(2)E Soil Binders and Tacking Agents
The first paragraph is revised to read:

Tacking agents or soil binders applied using a hydroseeder shall have a mulch tracer added to visibly aid uniform application. This tracer shall not be harmful to plant, aquatic, or animal life. A minimum of 125 pounds per acre and a maximum of 250 pounds per acre of Short-Term Mulch shall be used as a tracer.

The last two paragraphs are deleted.

8-01.3(2)F Dates for Application of Final Seed, Fertilizer, and Mulch
In the first paragraph, “Engineer” is revised to read “Project Engineer”.

Note 1 of the table in the first paragraph is revised to read:
Where Contract timing is appropriate, seeding, fertilizing, and mulching shall be accomplished during the fall period listed above.

The third paragraph is deleted.

8-01.3(4) Placing Compost Blanket
The first paragraph is revised to read:

Compost blanket shall be placed to a depth of 3 inches over bare soil. Compost blanket shall be placed prior to seeding or other planting. An organic tackifier shall be placed over the entire composted area when dry or windy conditions are present or expected before the final application of mulch or erosion control blanket. The tackifier shall be applied immediately after the application of compost to prevent compost from leaving the composted area.

8-01.3(5) Placing Plastic Covering
The second and third paragraphs are revised to read:

Clear plastic covering shall be used to promote seed germination when seeding is performed outside of the Dates for Application of Final Seed in Section 8-01.3(2)F. Black plastic covering shall be used for stockpiles or other areas where vegetative growth is unwanted.

The plastic cover shall be installed and maintained in a way that prevents water from cutting under the plastic and prevents the plastic cover from blowing open in the wind.

8-01.3(6) Check Dams
This section is revised to read:

Check dams shall be installed as soon as construction will allow, or when designated by the Engineer. The Contractor may substitute a different check dam, in lieu of what is specified in the contract, with approval of the Engineer. The check dam is a temporary or permanent structure, built across a minor channel. Water shall not flow through the check dam structure. Check dams shall be constructed in a manner that creates a ponding area upstream of the dam to allow pollutants to settle, with water from increased flows channeled over a spillway in the check dam. The check dam shall be constructed to prevent erosion in the area below the spillway. Check dams shall be placed perpendicular to the flow of water and installed in accordance with the Standard Plans. The outer edges shall extend up the sides of the conveyance to prevent water from going around the check dam. Check dams shall be of sufficient height to maximize detention, without causing water to leave the ditch. Check dams shall meet the requirements in Section 9-14.5(4).

8-01.3(7) Stabilized Construction Entrance
The first paragraph is revised to read:

Temporary stabilized construction entrance shall be constructed in accordance with the Standard Plans, prior to beginning any clearing, grubbing, embankment or excavation. All quarry spoil material used for stabilized construction entrance shall be free of extraneous materials that may cause or contribute to track out.

8-01.3(9)B Gravel Filter, Wood Chip, or Compost Berm
The first paragraph is revised to read:

Filter berms shall retain sediment and direct flows. The gravel filter berm shall be a minimum of 1 foot in height and shall be maintained at this height for the entire time they are in use. Rock
material used for filter berms shall meet the grading requirements in Section 9-03.9(2), but shall not include any recycled materials as outlined in Section 9-03.21.

8-01.3(9)C Straw Bale Barrier
This section including title is revised to read:

8-01.3(9)C Vacant

8-01.3(11) Vacant
This section including title is revised to read:

8-01.3(11) Outlet Protection
Outlet protection shall prevent scour at the outlets of ponds, pipes, ditches or other conveyances.
All quarry spall material used for outlet protection shall be free of extraneous material and meet the gradation requirements in Section 9-13.6.

8-01.3(13) Temporary Curb
This section is revised to read:

Temporary curbs shall divert or redirect water around erodible soils.

Temporary curbs shall be installed along pavement edges to prevent runoff from flowing onto erodible slopes. Water shall be directed to areas where erosion can be controlled. The temporary curbs shall be a minimum of 4 inches in height. Ponding shall not be in roadways.

8-01.4 Measurement
The third paragraph is revised to read:

Check dams will be measured per linear foot one time only along the completed check dam. No additional measurement will be made for check dams that are required to be rehabilitated or replaced due to wear.

The ninth paragraph is deleted.

This section is supplemented with the following:

Outlet Protection will be measured per each initial installation at an outlet location.

8-01.5 Payment
The bid item “Straw Bale”, per each is deleted.

This section is supplemented with the following:

“Outlet Protection”, per each.

8-02.AP8
Section 8-02, Roadside Restoration
August 6, 2012

In this section, “psiPE” is revised to read “PSIPE”.
8-02.3(4)C Topsoil Type C
In this section, “9-14.1(2)” is revised to read “9-14.1(3).”

8-02.3(8) Planting
Item number 1 in the second paragraph is revised to read:

1. Non-Irrigated Plant Material
   West of the summit of the Cascade Range - October 1 to March 1.
   East of the summit of the Cascade Range - October 1 to November 15.

8-02.5 Payment
The paragraph following bid item “Coarse Compost”, per cubic yard is revised to read:

The unit Contract price per cubic yard for “Fine Compost”, Medium Compost” or “Coarse Compost” shall be full pay for furnishing and spreading the compost onto the existing soil.

8-11.AP8
Section 8-11, Guardrail
August 6, 2012

8-11.3(1)D Removing Guardrail and Guardrail Anchor
The first two sentences in the first paragraph are revised to read:

Removal of the various types of guardrail shall include removal of the rail, cable elements, hardware, and posts, including transition sections, expansion sections, terminal sections and the rail element of anchor assemblies. Removal of the various types of guardrail anchors shall include removal of the anchor assembly, including concrete bases, rebar, steel tubes, and any other appurtenances in the anchor assembly.

8-11.4 Measurement
The seventh paragraph is revised to read:

Measurement of removal of guardrail will be by the linear foot measured along the line of guardrail removed including transition sections, expansion sections, guardrail anchor rail elements and terminal sections.

8-11.5 Payment
The paragraph following the bid item “Removing Guardrail Anchor”, per each is revised to read:

The unit Contract price per each for “Removing Guardrail Anchor” shall be full payment for all costs to perform the Work as described in Section 8-11.3(1)D, including rail removal, if there isn’t a Bid Item for Removing Guardrail in the run of guardrail connecting to the anchor.

8-21.AP8
Section 8-21, Permanent Signing
August 6, 2012

8-21.2 Materials
The third sentence is revised to read:

Materials for sign mounting shall conform to Section 9-28.11.
9-03.14(1) Gravel Borrow
Note 1 is deleted, including the reference in the table.

9-03.14(2) Select Borrow
Note 1 is deleted.
Note 2 is re-numbered Note 1, including the reference in the table.

9-03.14(4) Gravel Borrow for Geosynthetic Retaining Wall
This section is revised to read:

All backfill material for geosynthetic retaining walls shall consist of granular material, either naturally occurring or processed, and shall be free draining, free from organic or otherwise deleterious material. The material shall be substantially free of shale or other soft, poor durability particles, and shall not contain recycled materials, such as glass, shredded tires, portland cement concrete rubble, or asphaltic concrete rubble. The backfill material shall meet the following requirements for grading and quality:

<table>
<thead>
<tr>
<th>Sieve Size</th>
<th>Percent Passing</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/4&quot;</td>
<td>99-100</td>
</tr>
<tr>
<td>1&quot;</td>
<td>90-100</td>
</tr>
<tr>
<td>No. 4</td>
<td>50-80</td>
</tr>
<tr>
<td>No. 40</td>
<td>30 max.</td>
</tr>
<tr>
<td>No. 200</td>
<td>7.0 max.</td>
</tr>
<tr>
<td>Sand Equivalent</td>
<td>50 min.</td>
</tr>
</tbody>
</table>

All percentages are by weight

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Allowable Test Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Los Angeles Wear 500 rev.</td>
<td>AASHTO T 96</td>
<td>35 percent max.</td>
</tr>
<tr>
<td>Degradation Factor</td>
<td>WSDOT Test Method 113</td>
<td>15 min.</td>
</tr>
<tr>
<td>pH, permanent walls</td>
<td>AASHTO T 289</td>
<td>4.5-9</td>
</tr>
<tr>
<td>pH, temporary walls</td>
<td>AASHTO T 289</td>
<td>3-10</td>
</tr>
</tbody>
</table>

Wall backfill material satisfying these grading and property requirements shall be classified as nonaggressive.

9-03.21(1) General Requirements
The first sentence in the first paragraph is revised to read:

Hot Mix Asphalt, Concrete Rubble, Recycled Glass (glass cullet), and Steel Furnace Slag may be used as, or blended uniformly with naturally occurring materials for aggregates.

9-03.21(1)c Vacant
This section including title is revised to read:
9-03.21(1)C Recycled Glass (Glass Cullet)
Glass Cullet shall meet the requirements of AASHTO M 318 with the additional requirement that
the glass cullet is limited to the maximum amounts set in Section 9-03.21(1)E for recycled glass.
Prior to use the Contractor shall provide certification to the Project Engineer that the recycled
glass meets the physical properties and deleterious substances requirements in AASHTO M-
318.

9-03.21(1) E Table on Maximum Allowable Percent (By Weight) of Recycled Material
The column heading “Recycled Glass” is revised to read “Recycled Glass (Glass Cullet) in the table.
In the column “Recycled Glass (Glass Cullet)" all amounts are revised to read “20" beginning with the
item “Ballast" and continuing down until the last item in the table.

9-04.AP9
Section 9-04, Joint And Crack Sealing Materials
January 2, 2012

9-04.2 Joint Sealants
This section is supplemented with the following new sub-sections:

9-04.2(3) Polyurethane Sealant
Polyurethane sealant shall conform to ASTM C 920 Type S Grade NS Class 25 Use M.
Polyurethane sealant shall be compatible with the closed cell foam backer rod. When required,
compatibility characteristics of sealants in contact with backer rods shall be determined by Test
Method ASTM C 1087.

9-04.2(3)A Closed Cell Foam Backer Rod
Closed cell foam backer rod for use with polyurethane sealant shall conform to ASTM C 1330
Type C.

9-05.AP9
Section 9-05, Drainage Structures, Culverts, and Conduits
August 6, 2012

9-05.24 Polypropylene Culvert Pipe, Polypropylene Storm Sewer Pipe, and
Polypropylene Sanitary Sewer Pipe
This sections content is deleted and replaced with the following:
All joints for polypropylene pipe shall be made with a bell/bell or bell and spigot coupling and
shall conform to ASTM D 3212 using elastomeric gaskets conforming to ASTM F 477. All
gaskets shall be factory installed on the pipe in accordance with the producer’s
recommendations.
Qualification for each producer of polypropylene storm sewer pipe requires joint system
conformance to ASTM D 3212 using elastomeric gaskets conforming to ASTM F 477 and a
formal quality control plan for each plant proposed for consideration.
A Manufacturer’s Certificate of Compliance shall be required and shall accompany the materials
delivered to the project. The certificate shall clearly identify production lots for all materials
represented. The Contracting Agency may conduct verification tests of pipe stiffness or other
properties it deems appropriate.
This section is supplemented with the following new sub-sections:

9-05.24(1) Polypropylene Culvert Pipe and Storm Sewer Pipe
Polypropylene culvert and storm sewer pipe shall conform to the following requirements:

1. For dual wall pipe sizes up to 30 inches: ASTM F2736.
2. For triple wall pipe sizes from 30 to 60 inches: ASTM F2764.
3. For dual wall profile pipe sizes 36 to 60 inches: AASHTO MP 21, Type S or Type D.
4. Fittings shall be factory welded, injection molded or PVC.

9-05.24(2) Polypropylene Sanitary Sewer Pipe
Polypropylene sanitary sewer pipe shall conform to the following requirements:

1. For pipe sizes up to 30 inches: ASTM F2736.
2. For pipe sizes from 30 to 60 inches: ASTM F2764.
3. Fittings shall be factory welded, injection molded or PVC.

9-06.AP9
Section 9-06, Structural Steel and Related Materials
April 2, 2012

9-06.5(3) High Strength Bolts
In this section, “AASHTO M 291” is revised to read “ASTM A 563”.

9-07.AP9
Section 9-07, Reinforcing Steel
August 6, 2012

9-07.7 Wire Mesh
The first sentence in the first paragraph is revised to read:

Wire mesh for concrete reinforcement shall conform to the requirements of AASHTO M 55, Welded Steel Wire Fabric for Concrete Reinforcement or AASHTO M 221, Steel Welded Wire Reinforcement, Deformed for Concrete.

9-14.AP9
Section 9-14, Erosion Control and Roadside Planting
August 6, 2012

9-14.3 Fertilizer
The second sentence in the first paragraph is revised to read:

It may be separate or in a mixture containing the percentage of total nitrogen, available phosphoric acid, and water-soluble potash or sulfur in the amounts specified.
9-14.4(2) Hydraulically Applied Erosion Control Products (HECPs)

The first sentence in the third paragraph is revised to read:

All HECPs shall be furnished premixed by the manufacturer with Organic or Synthetic Tackifier as specified in Section 9-14.4(7).

The third and fourth rows in Table 1 is revised to read:

<table>
<thead>
<tr>
<th>Heavy Metals</th>
<th>EPA 6020A Total Metals</th>
<th>Antimony -</th>
<th>&lt; 4 mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Arsenic -</td>
<td>&lt; 6 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barium -</td>
<td>&lt; 80 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Boron -</td>
<td>&lt; 160 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cadmium -</td>
<td>&lt; 2 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total Chromium -</td>
<td>&lt; 4 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Copper -</td>
<td>&lt; 10 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lead -</td>
<td>&lt; 5 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mercury -</td>
<td>&lt; 2 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nickel -</td>
<td>&lt; 2 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selenium -</td>
<td>&lt; 10 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Strontium -</td>
<td>&lt; 30 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Zinc -</td>
<td>&lt; 30 mg/kg</td>
</tr>
</tbody>
</table>

Water Holding Capacity | ASTM D 7367 | 800 percent minimum

9-14.4(2)A Long Term Mulch

In the first paragraph, the phrase “within 2 hours of application” is deleted.

9-14.4(4) Wood Strand Mulch

The last sentence in the second paragraph is deleted.

This section is supplemented with the following new paragraph:

The Contractor shall provide Material Safety Data Sheet (MSDS) that demonstrates that the product is not harmful to plant life and a test report performed in accordance with WSDOT Test Method 125 demonstrating compliance to this specification prior to acceptance.

9-14.4(8) Compost

The second paragraph is revised to read:

Compost production and quality shall comply with WAC 173-350 and for biosolids composts, WAC 173-308.

The third paragraph is to read:

Compost products shall meet the following physical criteria:

1. Compost material shall be tested in accordance with U.S. Composting Council Testing Methods for the Examination of Compost and Composting (TMECC) 02.02-B, “Sample Sieving for Aggregate Size Classification”.

Fine compost shall meet the following gradation:

<table>
<thead>
<tr>
<th>Sieve Size</th>
<th>Percent Passing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Minimum</td>
</tr>
<tr>
<td></td>
<td>Maximum</td>
</tr>
<tr>
<td>Sieve Size</td>
<td>Percent Passing</td>
</tr>
<tr>
<td>------------</td>
<td>----------------</td>
</tr>
<tr>
<td></td>
<td>Minimum</td>
</tr>
<tr>
<td>1&quot;</td>
<td>100</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>90</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>75</td>
</tr>
</tbody>
</table>

Note Maximum particle length of 4 inches.

Medium compost shall meet the following gradation:

<table>
<thead>
<tr>
<th>Sieve Size</th>
<th>Percent Passing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Minimum</td>
</tr>
<tr>
<td>1&quot;</td>
<td>100</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>85</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>70</td>
</tr>
</tbody>
</table>

Note Maximum particle length of 4 inches. Medium compost shall have a carbon to nitrogen ratio (C:N) between 18:1 and 35:1. The carbon to nitrogen ratio shall be calculated using dry weight of “Organic Carbon” using TMECC 04.01A divided by the dry weight of “Total N” using TMECC 04.02D.

Coarse compost shall meet the following gradation:

<table>
<thead>
<tr>
<th>Sieve Size</th>
<th>Percent Passing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Minimum</td>
</tr>
<tr>
<td>2&quot;</td>
<td>100</td>
</tr>
<tr>
<td>1&quot;</td>
<td>90</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>70</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>40</td>
</tr>
</tbody>
</table>

Note Maximum particle length of 6 inches. Coarse compost shall have a carbon to nitrogen ratio (C:N) between 25:1 and 35:1. The carbon to nitrogen ratio shall be calculated using the dry weight of “Organic Carbon” using TMECC 04.01A divided by the dry weight of “Total N” using TMECC 04.02D.

2. The pH shall be between 6.0 and 8.5 when tested in accordance with U.S. Composting Council TMECC 04.11-A, “1:5 Slurry pH”.

3. Manufactured inert material (plastic, concrete, ceramics, metal, etc.) shall be less than 1 percent by weight as determined by U.S. Composting Council TMECC 03.08-A “Classification of Inerts by Sieve Size”.

4. Minimum organic matter shall be 40 percent by dry weight basis as determined by U.S. Composting Council TMECC 05.07A “Loss-On-Ignition Organic Matter Method (LOI)”.

5. Soluble salt contents shall be less than 4.0 mmhos/cm when tested in accordance with U.S. Composting Council TMECC 04.10 “Electrical Conductivity.”

6. Maturity shall be greater than 80 percent in accordance with U.S. Composting Council TMECC 05.05-A, “Germination and Root Elongation”.

7. Stability shall be 7-mg CO2-C/g OM/day or below in accordance with U.S. Composting Council TMECC 05.08-B “Carbon Dioxide Evolution Rate”.
8. The compost product shall originate from organic waste as defined in WAC 173 350 as "Type 1 Feedstocks", "Type 2 Feedstocks", and/or "Type 3 Feedstocks". The Contractor shall provide a list of feedstock sources by percentage in the final compost product.

9. The Engineer may also evaluate compost for maturity using U.S. Composting Council TMECC 05.08-E "Solvita® Maturity Index". Fine compost shall score a number 6 or above on the Solvita® Compost Maturity Test. Medium and coarse compost shall score a 5 or above on the Solvita® Compost Maturity Test.

9-14.4(8)A Compost Approval

This section's title is revised to read:

9-14.4(8)A Compost Submittal Requirements

The first sentence in this section up until the colon is revised to read:

The Contractor shall submit the following information to the Engineer for approval:

Item No. 2 in the first paragraph is revised to read:

2. A copy of the Solid Waste Handling Permit issued to the manufacturer by the Jurisdictional Health Department in accordance with WAC 173-350 (Minimum Functional Standards for Solid Waste Handling) or for biosolid composts a copy of the Coverage Under the General Permit for Biosolids Management issued to the manufacturer by the Department of Ecology in accordance with WAC 173-308 (Biosolids Management).

9-14.5(1) Polyacrylamide (PAM)

The third sentence is replaced with the following two new sentences:

The minimum average molecular weight shall be greater than 5-mg/mole. The charge density shall be no less than 15 percent and no greater than 30 percent.

9-14.5(2) Erosion Control Blanket

The second sentence in the first paragraph is revised to read:

The Contractor shall supply independent test results from the National Transportation Product Evaluation Program (NTPEP) meeting the following requirements in Tables 6 and 7:

9-14.5(4) Geotextile Encased Check Dam

This section including title is revised to read:

9-14.5(4) Check Dams

All materials used for check dams shall be non-toxic and not pose a threat to wildlife when installed.

This section is supplemented with the following new sub-sections:

9-14.5(4)A Biodegradable Check Dams

Biodegradable check dams shall meet the following requirements:

- Biodegradable Check Dams
- Wattle Check Dam 9-14.5(5)
- Compost Sock Check Dam 9-14.5(6)
Coir Log Check Dam 9-14.5(7)

The Contractor may substitute a different biodegradable check dam as long as it complies with the following and is approved by the Engineer:

1. Made of natural plant fiber.

2. Netting if present shall be biodegradable.

9-14.5(4)B Non-biodegradable Check Dams

Non-biodegradable check dams shall meet the following requirements:

1. Geotextile materials shall conform to section 9-33 for silt fence.

2. Other such devices that fulfill the requirements of section 9-14.5(4) and shall be approved by the Engineer prior to installation.

9-14.6(1) Description

In item No. C in the fourth paragraph, “22-inch” is revised to read “2-inch”.

9-16.AP9

Section 9-16, Fence and Guardrail

August 6, 2012

9-16.1(1)A Post Material for Chain Link Fence

The last sentence in the last paragraph is deleted.

9-16.1(1)C Tension Wire and Tension Cable

This section including title is revised to read:

9-16.1(1)C Tension Wire

Tension wire shall meet the requirements of AASHTO M 181. Tension wire galvanizing shall be Class 1.

9-16.1(1)D Fittings and Hardware

The second sentence in the first paragraph is deleted.

The last paragraph is deleted.

9-16.1(2) Approval

This section is deleted.

9-16.6(3) Posts

This section is revised to read:

Line posts for Types 1 and 2 glare screens shall be 2 inch inside diameter galvanized steel pipe with a nominal weight of 3.65 pounds per linear foot. End, corner, brace, and pull posts for Type 1 Design A and B and Type 2 shall be 2 1/2 inch inside diameter galvanized steel pipe with a nominal weight of 5.79 pounds per linear foot. Intermediate pull posts (braced line posts) shall be as specified for line posts.
The base material for the manufacture of steel pipes used for posts shall conform to the
requirements of ASTM A 53, except the weight tolerance on tubular posts shall be applied as
provided below.

Posts provided for glare screen will have an acceptance tolerance on the weight per linear foot,
as specified, equal to plus or minus 5 percent. This tolerance will apply to each individual post.

All posts shall be galvanized in accordance with AASHTO M 181 Section 32. The minimum
average zinc coating is per square foot of surface area. This area is defined as the total area
inside and outside. A sample for computing the average of mass of coating is defined as a 12-inch piece cut from each end of the galvanized member.

9-16.6(5) Cable
This section including title is revised to read:

9-16.6(5) Vacant

9-16.6(6) Cable and Tension Wire Attachments
This section including title is revised to read:

9-16.6(6) Tension Wire Attachments
All tension wire attachments shall be galvanized steel conforming to the requirements of
AASHTO M 232 unless otherwise specified. Eye bolts shall have either a shoulder or a back-up
nut on the eye end and be provided with an eye nut where needed or standard hex nut and lock
washer ¾-inch diameter for tension wire and of sufficient length to fasten to the type of posts
used. Turnbuckles shall be of the shackle end type, ½ inch diameter, with standard take-up of 6
inches and provided with ¾ inch diameter pins.

9-16.6(9) Fabric Bands and Stretcher Bars
The first paragraph is revised to read:

Fabric bands shall be ¾ inch by 1 inch nominal. Stretcher bars shall be 3/16 inch by ¾ inch
nominal or 5/16 inch diameter round bar nominal. A 5/16 inch diameter round stretcher bar shall be
used with Type 1. Nominal shall be construed to be the area of the cross section of the shape
obtained by multiplying the specified width by thickness. A variation of minus 5-percent from this
theoretical area shall be construed as “nominal” size. All shall be galvanized to meet the
requirements of ASTM F 626.

9-20.AP9
Section 9-20, Concrete Patching Material, Grout, and Mortar
January 2, 2012

9-20.3(3) Grout Type 3 for Unconfined Bearing Pad Applications
This section is revised to read:

Grout Type 3 shall be a prepackaged material meeting the requirements of ASTM C 928 – Table
1, R2 Concrete or Mortar.

9-20.3(4) Grout Type 4 for Multipurpose Applications
In the third sentence of the first paragraph, the reference “0.40” is revised to read “0.45”.

HILLCREST DRIVE BRIDGE NO. 160 – BRIDGE REPLACEMENT PROJECT
COUNTY PROJECT NO. C 3376 / FEDERAL AID PROJECT NO. BR-4617(001)
9-23.2 Liquid Membrane-Forming Concrete Curing Compounds
In the first paragraph, "moisture loss" is revised to read "water retention".

9-34.2 Paint
The second paragraph is revised to read:
Blue and black paint shall comply with the requirements for yellow paint in Section 9-34.2(4) and Section 9-34.2(5), with the exception that blue and black paints do not need to meet the requirements for titanium dioxide, directional reflectance, and contrast ration.
SPECIAL

PROVISIONS
INTRODUCTION TO THE SPECIAL PROVISIONS

(July 31, 2007 APWA GSP)

The work on this project shall be accomplished in accordance with the Standard Specifications for Road, Bridge and Municipal Construction, 2012 edition, as issued by the Washington State Department of Transportation (WSDOT) and the American Public Works Association (APWA), Washington State Chapter (hereafter “Standard Specifications”). The Standard Specifications, as modified or supplemented by the Amendments to the Standard Specifications and these Special Provisions, all of which are made a part of the Contract Documents, shall govern all of the Work.

These Special Provisions are made up of both General Special Provisions (GSPs) from various sources, which may have project-specific fill-ins; and project-specific Special Provisions. Each Provision either supplements, modifies, or replaces the comparable Standard Specification, or is a new Provision. The deletion, amendment, alteration, or addition to any subsection or portion of the Standard Specifications is meant to pertain only to that particular portion of the section, and in no way should it be interpreted that the balance of the section does not apply.

The project-specific Special Provisions are not labeled as such. The GSPs are labeled under the headers of each GSP, with the date of the GSP and its source, as follows:

(May 18, 2007 APWA GSP)
(August 7, 2006 WSDOT GSP)
(December 7, 2006 G&O) (Note: this is a GSP specifically for the Terrace Heights Sewer District work and authored by Gray and Osbourne)
(******) (Note: this is a labeled project-specific Special Provision)
(******, G&O) (Note: this is a labeled project specific Special Provision specifically for the Terrace Heights Sewer District work and authored by Gray and Osbourne)

Also incorporated into the Contract Documents by reference are:
• Manual on Uniform Traffic Control Devices for Streets and Highways, currently adopted edition, with Washington State modifications, if any
• Standard Plans for Road, Bridge and Municipal Construction, WSDOT/APWA, current edition
• Yakima County Standard Plans

Contractor shall obtain copies of these publications, at Contractor’s own expense.

DIVISION 1
GENERAL REQUIREMENTS

DESCRIPTION OF WORK

(March 13, 1995)

This Contract provides for the improvement of Hillcrest Drive Bridge #160 and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications.

(******)

The project removes the existing bridge girders and its footing supported abutments and constructs a new bridge with new girders and footing supported abutments. The work will require removal of existing pavement and establishing a new roadway profile grade and paving. The work is done under a road closure except that the driveway access to 4111 Hillcrest Drive shall be maintained throughout the project. A sanitary sewer line currently exists on the bridge and replacement work on behalf of
Terrace Heights Sewer District is also included in this contract as the Schedule B items. A gas line currently exists on the bridge and coordination with Cascade Natural Gas for a temporary relocation is necessary. Two water lines currently exist on the bridge – these are no longer functional and no replacement work is required. Overhead power and phone lines exist in close proximity to the work. The power can be re-routed and the lines de-energized by the power company. The phone does not pose a clearance issue. No utility pole relocation is contemplated. Shoring is anticipated for the northerly abutment excavation to maintain the driveway access and utility pole support. The majority of the work must be accomplished during deactivation of the Roza Canal from approximately October 22, 2012 until March 1, 2013. All bridge and utility line work requiring access via the Roza Irrigation Canal shall be completed no later than March 1, 2013.

1-01 DEFINITIONS AND TERMS

1-01.3 Definitions

(March 13, 2012 APWA GSP)

Delete the heading Completion Dates and the three paragraphs that follow it, and replace them with the following:

Dates

Bid Opening Date
The date on which the Contracting Agency publicly opens and reads the Bids.

Award Date
The date of the formal decision of the Contracting Agency to accept the lowest responsible and responsive Bidder for the Work.

Contract Execution Date
The date the Contracting Agency officially binds the Agency to the Contract.

Notice to Proceed Date
The date stated in the Notice to Proceed on which the Contract time begins.

Substantial Completion Date
The day the Engineer determines the Contracting Agency has full and unrestricted use and benefit of the facilities, both from the operational and safety standpoint, any remaining traffic disruptions will be rare and brief, and only minor incidental work, replacement of temporary substitute facilities, plant establishment periods, or correction or repair remains for the Physical Completion of the total Contract.

Physical Completion Date
The day all of the Work is physically completed on the project. All documentation required by the Contract and required by law does not necessarily need to be furnished by the Contractor by this date.

Completion Date
The day all the Work specified in the Contract is completed and all the obligations of the Contractor under the contract are fulfilled by the Contractor. All documentation required by the Contract and required by law must be furnished by the Contractor before establishment of this date.

Final Acceptance Date
The date on which the Contracting Agency accepts the Work as complete.

Supplement this Section with the following:
All references in the Standard Specifications, Amendments, or WSDOT General Special
Provisions, to the terms “State”, “Department of Transportation”, “Washington State
Transportation Commission”, “Commission”, “Secretary of Transportation”, “Secretary”,
“Headquarters”, and “State Treasurer” shall be revised to read “Contracting Agency”.

All references to “State Materials Laboratory” shall be revised to read “Contracting Agency
designated location”.

All references to “final contract voucher certification” shall be interpreted to mean the final
payment form established by the Contracting Agency.

The venue of all causes of action arising from the advertisement, award, execution, and
performance of the contract shall be in the Superior Court of the County where the Contracting
Agency’s headquarters are located.

Additive
A supplemental unit of work or group of bid items, identified separately in the Bid Proposal, which
may, at the discretion of the Contracting Agency, be awarded in addition to the base bid.

Alternate
One of two or more units of work or groups of bid items, identified separately in the Bid Proposal,
from which the Contracting Agency may make a choice between different methods or material of
construction for performing the same work.

Business Day
A business day is any day from Monday through Friday except holidays as listed in Section 1-08.5.

Contract Documents
See definition for “Contract”.

Contract Time
The period of time established by the terms and conditions of the Contract within which the Work
must be physically completed.

Notice of Award
The written notice from the Contracting Agency to the successful Bidder signifying the Contracting
Agency’s acceptance of the Bid Proposal.

Notice to Proceed
The written notice from the Contracting Agency or Engineer to the Contractor authorizing and
directing the Contractor to proceed with the Work and establishing the date on which the Contract
time begins.

Traffic
Both vehicular and non-vehicular traffic, such as pedestrians, bicyclists, wheelchairs, and
equestrian traffic.
1-02 BID PROCEDURES AND CONDITIONS

1-02.1 Prequalification of Bidders

Delete this Section and replace it with the following:

1-02.1 Qualifications of Bidder
(January 24, 2011 APWA GSP)

Before award of a public works contract, a bidder must meet at least the minimum qualifications of RCW 39.04.350(1) to be considered a responsible bidder and qualified to be awarded a public works project.

1-02.2 Plans and Specifications
(June 27, 2011 APWA GSP)

Delete this section and replace it with the following:

Information as to where Bid Documents can be obtained or reviewed can be found in the Call for Bids (Advertisement for Bids) for the work.

After award of the contract, plans and specifications will be issued to the Contractor at no cost as detailed below:

<table>
<thead>
<tr>
<th>To Prime Contractor</th>
<th>No. of Sets</th>
<th>Basis of Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduced plans (11&quot; x 17&quot;)</td>
<td>10</td>
<td>Furnished automatically upon award.</td>
</tr>
<tr>
<td>Contract Provisions</td>
<td>10</td>
<td>Furnished automatically upon award.</td>
</tr>
<tr>
<td>Large plans (e.g., 22&quot; x 34&quot;)</td>
<td>0</td>
<td>Furnished only upon request.</td>
</tr>
</tbody>
</table>

Additional plans and Contract Provisions may be obtained by the Contractor from the source stated in the Call for Bids, at the Contractor’s own expense.

1-02.4 Examination Of Plans, Specifications And Site Of Work

Section 1-02.4 is supplemented with the following:

(February 1, 2012)
The soils information used for study and design of this project is available for review by the bidder at the following location:

County Engineers Office
Yakima County Courthouse
128 N. 2nd St
Fourth Floor
Yakima, WA 98901
The soils information includes the following:

Detailed Geotechnical Engineering Report

1-02.5 Proposal Forms
(June 27, 2011 APWA GSP)

Delete this section and replace it with the following:

The Proposal Form will identify the project and its location and describe the work. It will also list estimated quantities, units of measurement, the items of work, and the materials to be furnished at the unit bid prices. The bidder shall complete spaces on the proposal form that call for, but are not limited to, unit prices; extensions; summations; the total bid amount; signatures; date; and, where applicable, retail sales taxes and acknowledgment of addenda; the bidder’s name, address, telephone number, and signature; the bidder’s D/M/WBE commitment, if applicable; a State of Washington Contractor’s Registration Number; and a Business License Number, if applicable. Bids shall be completed by typing or shall be printed in ink by hand, preferably in black ink. The required certifications are included as part of the Proposal Form.

The Contracting Agency reserves the right to arrange the proposal forms with alternates and additives, if such be to the advantage of the Contracting Agency. The bidder shall bid on all alternates and additives set forth in the Proposal Form unless otherwise specified.

1-02.6 Preparation of Proposal
(June 27, 2011 APWA GSP)

Supplement the second paragraph with the following:

4. If a minimum bid amount has been established for any item, the unit or lump sum price must equal or exceed the minimum amount stated.

5. Any correction to a bid made by interlineation, alteration, or erasure, shall be initialed by the signer of the bid.

Delete the last paragraph, and replace it with the following:

The Bidder shall make no stipulation on the Bid Form, nor qualify the bid in any manner.

A bid by a corporation shall be executed in the corporate name, by the president or a vice president (or other corporate officer accompanied by evidence of authority to sign).

A bid by a partnership shall be executed in the partnership name, and signed by a partner. A copy of the partnership agreement shall be submitted with the Bid Form if any D/M/WBE requirements are to be satisfied through such an agreement.

A bid by a joint venture shall be executed in the joint venture name and signed by a member of the joint venture. A copy of the joint venture agreement shall be submitted with the Bid Form if any D/W/MBE requirements are to be satisfied through such an agreement.

(August 2, 2004)

The fifth and sixth paragraphs of Section 1-02.6 are deleted.
1-02.7  Bid Deposit
(October 1, 2005 APWA GSP)

Supplement this section with the following:

Bid bonds shall contain the following:
1. Contracting Agency-assigned number for the project;
2. Name of the project;
3. The Contracting Agency named as obligee;
4. The amount of the bid bond stated either as a dollar figure or as a percentage which represents five percent of the maximum bid amount that could be awarded;
5. Signature of the bidder's officer empowered to sign official statements. The signature of the person authorized to submit the bid should agree with the signature on the bond, and the title of the person must accompany the said signature;
6. The signature of the surety's officer empowered to sign the bond and the power of attorney.

If so stated in the Contract Provisions, bidder must use the bond form included in the Contract Provisions.

1-02.9  Delivery of Proposal
(May 4, 2012 APWA GSP)

Delete this section and replace it with the following:

Each proposal shall be submitted in a sealed envelope, with the Project Name and Project Number as stated in the Call for Bids clearly marked on the outside of the envelope, or as otherwise required in the Bid Documents, to ensure proper handling and delivery.

If the project has FHWA funding and requires DBE Written Confirmation Documents or Good Faith Effort Documentation, then to be considered responsive, the Bidder shall submit with their Bid Proposal, written Confirmation Documentation from each DBE firm listed on the Bidder's completed DBE Utilization Certification, form 272-056A EF, as required by Section 1-02.6.

The Contracting Agency will not open or consider any Bid Proposal that is received after the time specified in the Call for Bids for receipt of Bid Proposals, or received in a location other than that specified in the Call for Bids.

1-02.13  Irregular Proposals
(March 13, 2012 APWA GSP)

Revise item 1 to read:

1. A proposal will be considered irregular and will be rejected if:
   a. The Bidder is not prequalified when so required;
   b. The authorized proposal form furnished by the Contracting Agency is not used or is altered;
   c. The completed proposal form contains any unauthorized additions, deletions, alternate Bids, or conditions;
   d. The Bidder adds provisions reserving the right to reject or accept the award, or enter into the Contract;
   e. A price per unit cannot be determined from the Bid Proposal;
f. The Proposal form is not properly executed;

g. The Bidder fails to submit or properly complete a Subcontractor list, if applicable, as required in Section 1-02.6;

h. The Bidder fails to submit or properly complete a Disadvantaged Business Enterprise Certification, if applicable, as required in Section 1-02.6;

i. The Bidder fails to submit written confirmation from each DBE firm listed on the Bidder's completed DBE Utilization Certification that they are in agreement with the bidders DBE participation commitment, if applicable, as required in Section 1-02.6, or if the written confirmation that is submitted fails to meet the requirements of the Special Provisions;

j. The Bidder fails to submit DBE Good Faith Effort documentation, if applicable, as required in Section 1-02.6, or if the documentation that is submitted fails to demonstrate that a Good Faith Effort to meet the Condition of Award was made;

k. The Bid Proposal does not constitute a definite and unqualified offer to meet the material terms of the Bid invitation; or

l. More than one proposal is submitted for the same project from a Bidder under the same or different names.

1-02.14 Disqualification of Bidders
(March 25, 2009 APWA GSP, Option B)

Delete this Section and replace it with the following:

A Bidder will be deemed not responsible if:

1. the Bidder does not meet the mandatory bidder responsibility criteria in RCW 39.04.350(1), as amended; or

2. evidence of collusion exists with any other Bidder or potential Bidder. Participants in collusion will be restricted from submitting further bids; or

3. the Bidder, in the opinion of the Contracting Agency, is not qualified for the work or to the full extent of the bid, or to the extent that the bid exceeds the authorized prequalification amount as may have been determined by a prequalification of the Bidder; or

4. an unsatisfactory performance record exists based on past or current Contracting Agency work or for work done for others, as judged from the standpoint of conduct of the work; workmanship; or progress; affirmative action; equal employment opportunity practices; termination for cause; or Disadvantaged Business Enterprise, Minority Business Enterprise, or Women's Business Enterprise utilization; or

5. there is uncompleted work (Contracting Agency or otherwise), which in the opinion of the Contracting Agency might hinder or prevent the prompt completion of the work bid upon; or

6. the Bidder failed to settle bills for labor or materials on past or current contracts, unless there are extenuating circumstances acceptable to the Contracting Agency; or

7. the Bidder has failed to complete a written public contract or has been convicted of a crime arising from a previous public contract, unless there are extenuating circumstances acceptable to the Contracting Agency; or

8. the Bidder is unable, financially or otherwise, to perform the work, in the opinion of the Contracting Agency; or

9. there are any other reasons deemed proper by the Contracting Agency.

As evidence that the Bidder meets the bidder responsibility criteria above, the apparent two lowest Bidders must submit to the Contracting Agency within 24 hours of the bid submittal deadline, documentation (sufficient in the sole judgment of the Contracting Agency) demonstrating compliance with all applicable responsibility criteria, including all documentation.
specifically listed in the supplemental criteria. The Contracting Agency reserves the right to request such documentation from other Bidders as well, and to request further documentation as needed to assess bidder responsibility.

The basis for evaluation of Bidder compliance with these supplemental criteria shall be any documents or facts obtained by Contracting Agency (whether from the Bidder or third parties) which any reasonable owner would rely on for determining such compliance, including but not limited to: (i) financial, historical, or operational data from the Bidder; (ii) information obtained directly by the Contracting Agency from owners for whom the Bidder has worked, or other public agencies or private enterprises; and (iii) any additional information obtained by the Contracting Agency which is believed to be relevant to the matter.

If the Contracting Agency determines the Bidder does not meet the bidder responsibility criteria above and is therefore not a responsible Bidder, the Contracting Agency shall notify the Bidder in writing, with the reasons for its determination. If the Bidder disagrees with this determination, it may appeal the determination within 24 hours of receipt of the Contracting Agency’s determination by presenting its appeal to the Contracting Agency. The Contracting Agency will consider the appeal before issuing its final determination. If the final determination affirms that the Bidder is not responsible, the Contracting Agency will not execute a contract with any other Bidder until at least two business days after the Bidder determined to be not responsible has received the final determination.

1-03 AWARD AND EXECUTION OF CONTRACT

1-03.3 Execution of Contract
(October 1, 2005 APWA GSP)

Revise this section to read:

Copies of the Contract Provisions, including the unsigned Form of Contract, will be available for signature by the successful bidder on the first business day following award. The number of copies to be executed by the Contractor will be determined by the Contracting Agency.

Within _10_ calendar days after the award date, the successful bidder shall return the signed Contracting Agency-prepared contract, an insurance certification as required by Section 1-07.18, and a satisfactory bond as required by law and Section 1-03.4. Before execution of the contract by the Contracting Agency, the successful bidder shall provide any pre-award information the Contracting Agency may require under Section 1-02.15.

Until the Contracting Agency executes a contract, no proposal shall bind the Contracting Agency nor shall any work begin within the project limits or within Contracting Agency-furnished sites. The Contractor shall bear all risks for any work begun outside such areas and for any materials ordered before the contract is executed by the Contracting Agency.

If the bidder experiences circumstances beyond their control that prevents return of the contract documents within _the_ calendar days after the award date stated above, the Contracting Agency may grant up to a maximum of _10_ additional calendar days for return of the documents, provided the Contracting Agency deems the circumstances warrant it.
1-03.4 Contract Bond

(October 1, 2005 APWA GSP)

Revise the first paragraph to read:

The successful bidder shall provide an executed contract bond for the full contract amount. This contract bond shall:

1. Be on a Contracting Agency-furnished form;
2. Be signed by an approved surety (or sureties) that:
   a. Is registered with the Washington State Insurance Commissioner, and
   b. Appears on the current Authorized Insurance List in the State of Washington published by the Office of the Insurance Commissioner;
3. Be conditioned upon the faithful performance of the contract by the Contractor within the prescribed time;
4. Guarantee that the surety shall indemnify, defend, and protect the Contracting Agency against any claim of direct or indirect loss resulting from the failure:
   a. Of the Contractor (or any of the employees, subcontractors, or lower tier subcontractors of the Contractor) to faithfully perform the contract, or
   b. Of the Contractor (or the subcontractors or lower tier subcontractors of the Contractor) to pay all laborers, mechanics, subcontractors, lower tier subcontractors, material person, or any other person who provides supplies or provisions for carrying out the work;
5. Be accompanied by a power of attorney for the Surety’s officer empowered to sign the bond; and
6. Be signed by an officer of the Contractor empowered to sign official statements (sole proprietor or partner). If the Contractor is a corporation, the bond must be signed by the president or vice-president, unless accompanied by written proof of the authority of the individual signing the bond to bind the corporation (i.e., corporate resolution, power of attorney or a letter to such effect by the president or vice-president).

Section 1-03.4 is supplemented with the following:

(June 27, 2011)

Release of Contract Bond will be 60 days following Contracting Agency Final Acceptance of Contract, provided following conditions are met:

1. Payment to the State with respect to taxes imposed pursuant to Title 82, RCW on Contracts totaling more than $35,000, a release has been obtained from the Washington State Department of Revenue.
2. Affidavits of Wages Paid for the Contractor and all Subcontractors are on file with the Contracting Agency (RCW 39.12.040).
3. A certificate of Payment of Contributions Penalties and Interest on Public Works Contract is received from the Washington State Employment Security Department.
4. Washington State Department of Labor and Industries (per Section 1-07.10) shows the Contractor, Subcontractor(s) and any lower tier Subcontractor(s) are current with payments of industrial insurance and medical aid premiums.
5. All claims, as provided by law, filed against the Contract Bond have been resolved.
1-04 SCOPE OF THE WORK

1-04.2 Coordination of Contract Documents, Plans, Special Provisions, Specifications, and Addenda

(March 13, 2012 APWA GSP)

Revise the second paragraph to read:

Any inconsistency in the parts of the contract shall be resolved by following this order of precedence (e.g., 1 presiding over 2, 2 over 3, 3 over 4, and so forth):

1. Addenda,
2. Proposal Form,
3. Special Provisions,
4. Contract Plans,
5. Amendments to the Standard Specifications,
6. Standard Specifications,
7. Contracting Agency's Standard Plans or Details (if any), and
8. WSDOT Standard Plans for Road, Bridge, and Municipal Construction.

1-05 CONTROL OF WORK

1-05.7 Removal of Defective and Unauthorized Work

(October 1, 2005 APWA GSP)

Supplement this section with the following:

If the Contractor fails to remedy defective or unauthorized work within the time specified in a written notice from the Engineer, or fails to perform any part of the work required by the Contract Documents, the Engineer may correct and remedy such work as may be identified in the written notice, with Contracting Agency forces or by such other means as the Contracting Agency may deem necessary.

If the Contractor fails to comply with a written order to remedy what the Engineer determines to be an emergency situation, the Engineer may have the defective and unauthorized work corrected immediately, have the rejected work removed and replaced, or have work the Contractor refuses to perform completed by using Contracting Agency or other forces. An emergency situation is any situation when, in the opinion of the Engineer, a delay in its remedy could be potentially unsafe, or might cause serious risk of loss or damage to the public.

Direct or indirect costs incurred by the Contracting Agency attributable to correcting and remediying defective or unauthorized work, or work the Contractor failed or refused to perform, shall be paid by the Contractor. Payment will be deducted by the Engineer from monies due, or to become due, the Contractor. Such direct and indirect costs shall include in particular, but without limitation, compensation for additional professional services required, and costs for repair and replacement of work of others destroyed or damaged by correction, removal, or replacement of the Contractor's unauthorized work.

No adjustment in contract time or compensation will be allowed because of the delay in the performance of the work attributable to the exercise of the Contracting Agency's rights provided by this Section.
The rights exercised under the provisions of this section shall not diminish the Contracting Agency's right to pursue any other avenue for additional remedy or damages with respect to the Contractor's failure to perform the work as required.

1-05.13 Superintendents, Labor and Equipment of Contractor
(March 25, 2009 APWA GSP)

Revise the seventh paragraph to read:
Whenever the Contracting Agency evaluates the Contractor's qualifications pursuant to Section 1-02.14, it will take these performance reports into account.

1-05.15 Method of Serving Notices
(March 25, 2009 APWA GSP)

Revise the second paragraph to read:
All correspondence from the Contractor shall be directed to the Project Engineer. All correspondence from the Contractor constituting any notification, notice of protest, notice of dispute, or other correspondence constituting notification required to be furnished under the Contract, must be in paper format, hand delivered or sent via mail delivery service to the Project Engineer's office. Electronic copies such as e-mails or electronically delivered copies of correspondence will not constitute such notice and will not comply with the requirements of the Contract.

Add the following new section:

1-05.16 Water and Power
(October 1, 2005 APWA GSP)

The Contractor shall make necessary arrangements, and shall bear the costs for power and water necessary for the performance of the work, unless the contract includes power and water as a pay item.

Add the following new section:

1-05.17 Oral Agreements
(October 1, 2005 AWPA GSP)

No oral agreement or conversation with any officer, agent, or employee of the Contracting Agency, either before or after execution of the contract, shall affect or modify any of the terms or obligations contained in any of the documents comprising the contract. Such oral agreement or conversation shall be considered as unofficial information and in no way binding upon the Contracting Agency, unless subsequently put in writing and signed by the Contracting Agency.

1-06 CONTROL OF MATERIAL

Section 1-06 is supplemented with the following:

Buy America
(August 2, 2010)
The major quantities of steel and iron construction material that is permanently incorporated into the project shall consist of American-made materials only. Buy America does not apply to temporary steel items, e.g., temporary sheet piling, temporary bridges, steel scaffolding and falsework.

Minor amounts of foreign steel and iron may be utilized in this project provided the cost of the foreign material used does not exceed one-tenth of one percent of the total contract cost or $2,500.00, whichever is greater.

American-made material is defined as material having all manufacturing processes occurring domestically. To further define the coverage, a domestic product is a manufactured steel material that was produced in one of the 50 States, the District of Columbia, Puerto Rico, or in the territories and possessions of the United States.

If domestically produced steel billets or iron ingots are exported outside of the area of coverage, as defined above, for any manufacturing process then the resulting product does not conform to the Buy America requirements. Additionally, products manufactured domestically from foreign source steel billets or iron ingots do not conform to the Buy America requirements because the initial melting and mixing of alloys to create the material occurred in a foreign country.

Manufacturing begins with the initial melting and mixing, and continues through the coating stage. Any process which modifies the chemical content, the physical size or shape, or the final finish is considered a manufacturing process. The processes include rolling, extruding, machining, bending, grinding, drilling, welding, and coating. The action of applying a coating to steel or iron is deemed a manufacturing process. Coating includes epoxy coating, galvanizing, aluminizing, painting, and any other coating that protects or enhances the value of steel or iron. Any process from the original reduction from ore to the finished product constitutes a manufacturing process for iron.

Due to a nationwide waiver, Buy America does not apply to raw materials (iron ore and alloys), scrap (recycled steel or iron), and pig iron or processed, pelletized, and reduced iron ore.

The following are considered to be steel manufacturing processes:

1. Production of steel by any of the following processes:
   a. Open hearth furnace.
   b. Basic oxygen.
   c. Electric furnace.
   d. Direct reduction.

2. Rolling, heat treating, and any other similar processing.

3. Fabrication of the products.
   a. Spinning wire into cable or strand.
   b. Corrugating and rolling into culverts.
   c. Shop fabrication.
A certification of materials origin will be required for any items comprised of, or containing, steel or iron construction materials prior to such items being incorporated into the permanent work. The certification shall be on DOT Form 350-109EF provided by the Engineer, or such other form the Contractor chooses, provided it contains the same information as DOT Form 350-109EF.

1-07 LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC

1-07.1 Laws to be Observed
(October 1, 2005 APWA GSP)

Supplement this section with the following:

In cases of conflict between different safety regulations, the more stringent regulation shall apply.

The Washington State Department of Labor and Industries shall be the sole and paramount administrative agency responsible for the administration of the provisions of the Washington Industrial Safety and Health Act of 1973 (WISHA).

The Contractor shall maintain at the project site office, or other well known place at the project site, all articles necessary for providing first aid to the injured. The Contractor shall establish, publish, and make known to all employees, procedures for ensuring immediate removal to a hospital, or doctor’s care, persons, including employees, who may have been injured on the project site. Employees should not be permitted to work on the project site before the Contractor has established and made known procedures for removal of injured persons to a hospital or a doctor’s care.

The Contractor shall have sole responsibility for the safety, efficiency, and adequacy of the Contractor’s plant, appliances, and methods, and for any damage or injury resulting from their failure, or improper maintenance, use, or operation. The Contractor shall be solely and completely responsible for the conditions of the project site, including safety for all persons and property in the performance of the work. This requirement shall apply continuously, and not be limited to normal working hours. The required or implied duty of the Engineer to conduct construction review of the Contractor’s performance does not, and shall not, be intended to include review and adequacy of the Contractor’s safety measures in, on, or near the project site.

1-07.2 State Taxes

Delete this section, including its sub-sections, in its entirety and replace it with the following:

1-07.2 State Sales Tax
(June 27, 2011 APWA GSP)

The Washington State Department of Revenue has issued special rules on the State sales tax. Sections 1-07.2(1) through 1-07.2(3) are meant to clarify those rules. The Contractor should contact the Washington State Department of Revenue for answers to questions in this area. The Contracting Agency will not adjust its payment if the Contractor bases a bid on a misunderstood tax liability.

The Contractor shall include all Contractor-paid taxes in the unit bid prices or other contract amounts. In some cases, however, state retail sales tax will not be included. Section 1-07.2(2) describes this exception.
The Contracting Agency will pay the retained percentage (or release the Contract Bond if a FHWA-funded Project) only if the Contractor has obtained from the Washington State Department of Revenue a certificate showing that all contract-related taxes have been paid (RCW 60.28.051). The Contracting Agency may deduct from its payments to the Contractor any amount the Contractor may owe the Washington State Department of Revenue, whether the amount owed relates to this contract or not. Any amount so deducted will be paid into the proper State fund.

1-07.2(1) State Sales Tax — Rule 171

WAC 458-20-171, and its related rules, apply to building, repairing, or improving streets, roads, etc., which are owned by a municipal corporation, or political subdivision of the state, or by the United States, and which are used primarily for foot or vehicular traffic. This includes storm or combined sewer systems within and included as a part of the street or road drainage system and power lines when such are part of the roadway lighting system. For work performed in such cases, the Contractor shall include Washington State Retail Sales Taxes in the various unit bid item prices, or other contract amounts, including those that the Contractor pays on the purchase of the materials, equipment, or supplies used or consumed in doing the work.

1-07.2(2) State Sales Tax — Rule 170

WAC 458-20-170, and its related rules, apply to the constructing and repairing of new or existing buildings, or other structures, upon real property. This includes, but is not limited to, the construction of streets, roads, highways, etc., owned by the state of Washington; water mains and their appurtenances; sanitary sewers and sewage disposal systems unless such sewers and disposal systems are within, and a part of, a street or road drainage system; telephone, telegraph, electrical power distribution lines, or other conduits or lines in or above streets or roads, unless such power lines become a part of a street or road lighting system; and installing or attaching of any article of tangible personal property in or to real property, whether or not such personal property becomes a part of the realty by virtue of installation.

For work performed in such cases, the Contractor shall collect from the Contracting Agency, retail sales tax on the full contract price. The Contracting Agency will automatically add this sales tax to each payment to the Contractor. For this reason, the Contractor shall not include the retail sales tax in the unit bid item prices, or in any other contract amount subject to Rule 170, with the following exception.

Exception: The Contracting Agency will not add in sales tax for a payment the Contractor or a subcontractor makes on the purchase or rental of tools, machinery, equipment, or consumable supplies not integrated into the project. Such sales taxes shall be included in the unit bid item prices or in any other contract amount.

1-07.2(3) Services

The Contractor shall not collect retail sales tax from the Contracting Agency on any contract wholly for professional or other services (as defined in Washington State Department of Revenue Rules 138 and 244).

(June 27, 2011)

The Contracting Agency will release the Contract Bond only if the Contractor has obtained from the State Department of Revenue a certificate showing that all Contract-related taxes have been paid.

1-07.7 Load Limits
If the sources of materials provided by the Contractor necessitates hauling over roads other than State Highways, the Contractor shall, at the Contractor's expense, make all arrangements for the use of the haul routes.

1-07.9 Wages

1-07.9(1) General

Section 1-07.9(1) is supplemented with the following:

(January 10, 2012)
The Federal wage rates incorporated in this contract have been established by the Secretary of Labor under United States Department of Labor General Decision No. WA120001.

The State rates incorporated in this contract are applicable to all construction activities associated with this contract.

1-07.11 Requirements For Nondiscrimination

Section 1-07.11 is supplemented with the following:

(January 3, 2011)
Requirement for Affirmative Action to Ensure Equal Employment Opportunity (Executive Order 11246)


2. The goals and timetables for minority and female participation set by the Office of Federal Contract Compliance Programs, expressed in percentage terms for the Contractor's aggregate work force in each construction craft and in each trade on all construction work in the covered area, are as follows:

   Women - Statewide

   
<table>
<thead>
<tr>
<th>Timetable</th>
<th>Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Until further notice</td>
<td>6.9%</td>
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<tr>
<td>Minorities - by Standard Metropolitan Statistical Area (SMSA)</td>
<td></td>
</tr>
<tr>
<td>Yakima, WA:</td>
<td></td>
</tr>
<tr>
<td>SMSA Counties:</td>
<td></td>
</tr>
<tr>
<td>Yakima, WA</td>
<td>9.7</td>
</tr>
<tr>
<td>WA Yakima</td>
<td></td>
</tr>
<tr>
<td>Non-SMSA Counties</td>
<td></td>
</tr>
<tr>
<td>WA Chelan; WA Douglas; WA Grant; WA Kittitas; WA Okanogan.</td>
<td>7.2</td>
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</tbody>
</table>

These goals are applicable to each nonexempt Contractor's total on-site construction workforce, regardless of whether or not part of that workforce is performing work on a Federal, or federally assisted project, contract, or subcontract until further notice.
Compliance with these goals and time tables is enforced by the Office of Federal Contract compliance Programs.

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

3. The Contractor shall provide written notification to the Office of Federal Contract Compliance Programs (OFCCP) within 10 working days of award of any construction subcontract in excess of $10,000 or more that are Federally funded, at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the Subcontractor; employer identification number of the Subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the contract is to be performed. The notification shall be sent to:

   District Director
   U.S. Department of Labor
   Office of Federal Contract Compliance Programs
   Seattle District Office
   1111 Third Avenue, Suite 745
   Seattle, WA 98101-3212

Additional information may be found at the U.S. Department of Labor website:
http://www.dol.gov/ofccp/TAguides/ctauide.htm

4. As used in this Notice, and in the contract resulting from this solicitation, the Covered Area is as designated herein.

Standard Federal Equal Employment Opportunity Construction Contract Specifications (Executive Order 11246)

1. As used in these specifications:

   a. Covered Area means the geographical area described in the solicitation from which this contract resulted;

   b. Director means Director, Office of Federal Contract Compliance Programs, United States Department of Labor, or any person to whom the Director delegates authority;

   c. Employer Identification Number means the Federal Social Security number used on the Employer's Quarterly Federal Tax Return, U. S. Treasury Department Form 941;
d. Minority includes:

(1) Black, a person having origins in any of the Black Racial Groups of Africa.

(2) Hispanic, a fluent Spanish speaking, Spanish surnamed person of Mexican, Puerto Rican, Cuban, Central American, South American, or other Spanish origin.

(3) Asian or Pacific Islander, a person having origins in any of the original peoples of the Pacific rim or the Pacific Islands, the Hawaiian Islands and Samoa.

(4) American Indian or Alaskan Native, a person having origins in any of the original peoples of North America, and who maintain cultural identification through tribal affiliation or community recognition.

2. Whenever the Contractor, or any Subcontractor at any tier, subcontracts a portion of the work involving any construction trade, it shall physically include in each subcontract in excess of $10,000 the provisions of these specifications and the Notice which contains the applicable goals for minority and female participation and which is set forth in the solicitations from which this contract resulted.

3. If the Contractor is participating (pursuant to 41 CFR 60-4.5) in a Hometown Plan approved by the U.S. Department of Labor in the covered area either individually or through an association, its affirmative action obligations on all work in the Plan area (including goals and timetables) shall be in accordance with that Plan for those trades which have unions participating in the Plan. Contractors must be able to demonstrate their participation in and compliance with the provisions of any such Hometown Plan. Each Contractor or Subcontractor participating in an approved Plan is individually required to comply with its obligations under the EEO clause, and to make a good faith effort to achieve each goal under the Plan in each trade in which it has employees. The overall good faith performance by other Contractors or Subcontractors toward a goal in an approved Plan does not excuse any covered Contractor's or Subcontractor's failure to take good faith effort to achieve the Plan goals and timetables.

4. The Contractor shall implement the specific affirmative action standards provided in paragraphs 7a through 7p of this Special Provision. The goals set forth in the solicitation from which this contract resulted are expressed as percentages of the total hours of employment and training of minority and female utilization the Contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. Covered construction contractors performing construction work in geographical areas where they do not have a Federal or federally assisted construction contract shall apply the minority and female goals established for the geographical area where the work is being performed. The Contractor is expected to make substantially uniform progress in meeting its goals in each craft during the period specified.

5. Neither the provisions of any collective bargaining agreement, nor the failure by a union with whom the Contractor has a collective bargaining agreement, to refer either minorities or women shall excuse the Contractor's obligations under these specifications, Executive Order 11246, or the regulations promulgated pursuant thereto.

6. In order for the nonworking training hours of apprentices and trainees to be counted in meeting the goals, such apprentices and trainees must be employed by the Contractor
during the training period, and the Contractor must have made a commitment to employ the
apprentices and trainees at the completion of their training, subject to the availability of
employment opportunities. Trainees must be trained pursuant to training programs
approved by the U.S. Department of Labor.

7. The Contractor shall take specific affirmative actions to ensure equal employment
opportunity. The evaluation of the Contractor's compliance with these specifications shall be
based upon its effort to achieve maximum results from its action. The Contractor shall
document these efforts fully, and shall implement affirmative action steps at least as
extensive as the following:

a. Ensure and maintain a working environment free of harassment, intimidation, and
coercion at all sites, and in all facilities at which the Contractor's employees are
assigned to work. The Contractor, where possible, will assign two or more women
to each construction project. The Contractor shall specifically ensure that all
foremen, superintendents, and other on-site supervisory personnel are aware of
and carry out the Contractor's obligation to maintain such a working environment,
with specific attention to minority or female individuals working at such sites or in
such facilities.

b. Establish and maintain a current list of minority and female recruitment sources,
provide written notification to minority and female recruitment sources and to
community organizations when the Contractor or its unions have employment
opportunities available, and maintain a record of the organizations' responses.

c. Maintain a current file of the names, addresses and telephone numbers of each
minority and female off-the-street applicant and minority or female referral from a
union, a recruitment source or community organization and of what action was
taken with respect to each such individual. If such individual was sent to the union
hiring hall for referral and was not referred back to the Contractor by the union or, if
referred, not employed by the Contractor, this shall be documented in the file with
the reason therefor, along with whatever additional actions the Contractor may
have taken.

d. Provide immediate written notification to the Director when the union or unions with
which the Contractor has a collective bargaining agreement has not referred to the
Contractor a minority person or woman sent by the Contractor, or when the
Contractor has other information that the union referral process has impeded the
Contractor's efforts to meet its obligations.

e. Develop on-the-job training opportunity and/or participate in training programs for
the area which expressly include minorities and women, including upgrading
programs and apprenticeship and trainee programs relevant to the Contractor's
employment needs, especially those programs funded or approved by the U.S.
Department of Labor. The Contractor shall provide notice of these programs to the
sources compiled under 7b above.

f. Disseminate the Contractor's EEO policy by providing notice of the policy to unions
and training programs and requesting their cooperation in assisting the Contractor
in meeting its EEO obligations; by including it in any policy manual and collective
bargaining agreement; by publicizing it in the company newspaper, annual report,
etc.; by specific review of the policy with all management personnel and with all
minority and female employees at least once a year; and by posting the company
EEO policy on bulletin boards accessible to all employees at each location where
construction work is performed.

g. Review, at least annually, the company's EEO policy and affirmative action
obligations under these specifications with all employees having any responsibility
for hiring, assignment, layoff, termination or other employment decisions including
specific review of these items with on-site supervisory personnel such as
Superintendents, General Foremen, etc., prior to the initiation of construction work
at any job site. A written record shall be made and maintained identifying the time
and place of these meetings, persons attending, subject matter discussed, and
disposition of the subject matter.

h. Disseminate the Contractor's EEO policy externally by including it in any
advertising in the news media, specifically including minority and female news
media, and providing written notification to and discussing the Contractor's EEO
policy with other Contractors and Subcontractors with whom the Contractor does or
anticipates doing business.

i. Direct its recruitment efforts, both oral and written to minority, female and
community organizations, to schools with minority and female students and to
minority and female recruitment and training organizations serving the Contractor's
recruitment area and employment needs. Not later than one month prior to the
date for the acceptance of applications for apprenticeship or other training by any
recruitment source, the Contractor shall send written notification to organizations
such as the above, describing the openings, screening procedures, and tests to be
used in the selection process.

j. Encourage present minority and female employees to recruit other minority persons
and women and where reasonable, provide after school, summer and vacation
employment to minority and female youth both on the site and in other areas of a
Contractor's work force.

k. Validate all tests and other selection requirements where there is an obligation to
do so under 41 CFR Part 60-3.

l. Conduct, at least annually, an inventory and evaluation of all minority and female
personnel for promotional opportunities and encourage these employees to seek or
to prepare for, through appropriate training, etc., such opportunities.

m. Ensure that seniority practices, job classifications, work assignments and other
personnel practices, do not have a discriminatory effect by continually monitoring
all personnel and employment related activities to ensure that the EEO policy and
the Contractor's obligations under these specifications are being carried out.

n. Ensure that all facilities and company activities are nonsegregated except that
separate or single-user toilet and necessary changing facilities shall be provided to
assure privacy between the sexes.

o. Document and maintain a record of all solicitations of offers for subcontracts from
minority and female construction contractors and suppliers, including circulation of
solicitations to minority and female contractor associations and other business
associations.
p. Conduct a review, at least annually, of all supervisors' adherence to and performance under the Contractor's EEO policies and affirmative action obligations.

8. Contractors are encouraged to participate in voluntary associations which assist in fulfilling one or more of their affirmative action obligations (7a through 7p). The efforts of a contractor association, joint contractor-union, contractor-community, or other similar group of which the Contractor is a member and participant, may be asserted as fulfilling any one or more of the obligations under 7a through 7p of this Special Provision provided that the Contractor actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry, ensure that the concrete benefits of the program are reflected in the Contractor's minority and female work-force participation, makes a good faith effort to meet its individual goals and timetables, and can provide access to documentation which demonstrate the effectiveness of actions taken on behalf of the Contractor. The obligation to comply, however, is the Contractor's and failure of such a group to fulfill an obligation shall not be a defense for the Contractor's noncompliance.

9. A single goal for minorities and a separate single goal for women have been established. The Contractor, however, is required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female, and all women, both minority and non-minority. Consequently, the Contractor may be in violation of the Executive Order if a particular group is employed in substantially disparate manner (for example, even though the Contractor has achieved its goals for women generally, the Contractor may be in violation of the Executive Order if a specific minority group of women is underutilized).

10. The Contractor shall not use the goals and timetables or affirmative action standards to discriminate against any person because of race, color, religion, sex, or national origin.

11. The Contractor shall not enter into any subcontract with any person or firm debarred from Government contracts pursuant to Executive Order 11246.

12. The Contractor shall carry out such sanctions and penalties for violation of these specifications and of the Equal Opportunity Clause, including suspensions, terminations and cancellations of existing subcontracts as may be imposed or ordered pursuant to Executive Order 11246, as amended, and its implementing regulations by the Office of Federal Contract Compliance Programs. Any Contractor who fails to carry out such sanctions and penalties shall be in violation of these specifications and Executive Order 11246, as amended.

13. The Contractor, in fulfilling its obligations under these specifications, shall implement specific affirmative action steps, at least as extensive as those standards prescribed in paragraph 7 of this Special Provision, so as to achieve maximum results from its efforts to ensure equal employment opportunity. If the Contractor fails to comply with the requirements of the Executive Order, the implementing regulations, or these specifications, the Director shall proceed in accordance with 41 CFR 60-4.8.

14. The Contractor shall designate a responsible official to monitor all employment related activity to ensure that the company EEO policy is being carried out, to submit reports relating to the provisions hereof as may be required by the government and to keep records. Records shall at least include, for each employee, their name, address, telephone numbers, construction trade, union affiliation if any, employee identification number when assigned, social security number, race, sex, status (e.g., mechanic, apprentice, trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of
pay, and locations at which the work was performed. Records shall be maintained in an
easily understandable and retrievable form; however, to the degree that existing records
satisfy this requirement, the Contractors will not be required to maintain separate records.

15. Nothing herein provided shall be construed as a limitation upon the application of other laws
which establish different standards of compliance or upon the application of requirements for
the hiring of local or other area residents (e.g., those under the Public Works Employment
Act of 1977 and the Community Development Block Grant Program).

16. Additional assistance for Federal Construction Contractors on contracts administered by
Washington State Department of Transportation or by Local Agencies may be found at:

Washington State Dept. of Transportation
Office of Equal Opportunity
PO Box 47314
310 Maple Park Ave. SE
Olympia WA
98504-7314
Ph: 360-705-7090
Fax: 360-705-6801
http://www.wsdot.wa.gov/equalopportunity/default.htm

(May 7, 2012)

Disadvantaged Business Enterprise Participation
The Disadvantaged Business Enterprise (DBE) requirements of 49 CFR Part 26 apply to this
Contract. As such, the requirements of this Contract are to make affirmative efforts to solicit
DBEs, provide information on who submitted a Bid or quote and to report DBE participation
quarterly as described elsewhere in these Contract Provisions. No preference will be included in
the evaluation of Bids/Proposals, no minimum level of DBE participation shall be required as a
Condition of Award and Bids/Proposals may not be rejected or considered non-responsive on
that basis.

DBE Goals
No DBE goals have been assigned as part of this Contract.

Affirmative Efforts to Solicit DBE Participation
DBE firms shall have an equal opportunity to compete for subcontracts in which the
Contractor enters into pursuant to this Contract.

Contractors are encouraged to:

1. Advertise opportunities for Subcontractors or suppliers in a timely and reasonably
designed manner to provide notice of the opportunity to DBEs capable of
performing the Work. All advertisements should include a Contract Provision
encouraging participation by DBE firms. This may be accomplished through
general advertisements (e.g. newspapers, journals, etc.) or by soliciting
Bids/Proposals directly from DBEs.

Note: A Directory of Certified DBE Firms denoting the Description of Work the
DBE Contractors are certified to perform is available at:

The directory provides a plain language on the Description of Work that
the listed DBE's have been certified by the Office of Minority and
Women's Business Enterprises (OMWBE) to perform.

2. Establish delivery schedules that encourage participation by DBEs and other small
businesses.

3. Participate with a DBE as a joint venture.

**DBE Eligibility/Selection of DBEs for Reporting Purposes Only**
Contractors may take credit for DBEs utilized on this Contract only if the firm is certified for
the Work being performed.

Absent a mandatory goal, all DBE participation that is attained on this project will be
considered as "race neutral" participation and shall be reported as such.

**Crediting DBE Participation for Reporting Purposes**

**Joint Venture**
When a DBE performs as a participant in a joint venture, only that portion of the total
dollar value of the Contract equal to the distinct, clearly defined portion of the Work that
the DBE performs with its own forces shall be credited.

**DBE Prime Contractor**
A DBE Prime Contractor may only take credit for that portion of the total dollar value of
the Contract equal to the distinct, clearly defined portion of the Work that the DBE Prime
Contractor performs with its own forces.

**DBE Subcontractor**
When a DBE firm participates as a Subcontractor, only that portion of the total dollar
value of the Contract equal to the distinct, clearly defined portion of the Work that the
DBE performs with its own forces shall be credited.

- Include the cost of supplies and materials obtained by the DBE for the Work in
  the Contract including supplies purchased or equipment leased by the DBE.
  However, you may not take credit supplies, materials, and equipment the DBE
  Subcontractor purchases or leases from the Prime Contractor or its affiliate. In
  addition, Work performed by a DBE, utilizing resources of the Prime
  Contractor or its affiliates shall not be credited.

- In very rare situations, a DBE firm may utilize equipment and/or personnel
  from a non-DBE firm other than the Prime Contractor or its affiliates. Should
  this situation arise the arrangement must be short-term and have prior written
  approval from the Office of Equal Opportunity (OEO). The arrangement must
  not impact a DBE firm's ability to perform a Commercially Useful Function
  (CUF).

- Count the entire value of fees or commissions charged by a DBE firm for
  providing a bona fide service, such as professional, technical, consultant,
  managerial services, or for providing bonds or insurance.

- When a DBE subcontracts to another firm, the value of the subcontracted
  Work may be counted as participation only if the DBE's lower tier
  Subcontractor is also a DBE.
- When non-DBE Subcontractor further subcontracts to a lower-tier Subcontractor or supplier who is a certified DBE, then that portion of the Work further subcontracted may be credited as DBE participation, so long as it is a distinct clearly defined portion of the Work that the DBE is performing with its own forces.

- If a firm is not certified as a DBE at the time of the execution of the contract, their participation cannot be counted toward any DBE goals.

**Trucking**

Use the following factors in determining DBE credit and whether a DBE trucking company is performing a Commercially Useful Function (CUF):

1. The DBE must be responsible for the management and supervision of the entire trucking operation for which credit is being claimed.

2. The DBE must own and, with its own workforce, operate at least one fully licensed, insured, and operational truck used on the Contract.

3. The DBE receives credit only for the value of the transportation services it provides on the Contract using trucks it owns or leases, licenses, insures, and operates with drivers it employs. For purposes of this requirement a lease must indicate that the DBE has exclusive use of and control over the truck. This does not preclude the leased truck from working for others provided it is with the consent of the DBE and the lease provides the DBE first priority for use of the leased truck. Leased trucks must display the name and identification number of the DBE.

4. The DBE may lease trucks from another DBE firm including an owner-operator provided they are certified as a DBE for trucking. The DBE who leases trucks from another DBE may claim participation for the total value of the transportation services the lessee DBE provides on the Contract.

5. The DBE may also lease trucks from a non-DBE firm and may enter into an agreement with an owner-operator who is a non-DBE. The DBE shall only receive credit for the number of additional non-DBE trucks equal or less than the number of DBE trucks the firms owns or has leased/subcontracted through another DBE trucking company. The DBE must control the work of the non-DBE trucks. If the non-DBE is performing the Work without supervision of that Work by the DBE, the DBE is not performing a Commercially Useful Function (CUF).

6. In any lease or owner-operator situation, as described in requirement #4 and #5 above, the following rules shall apply:

   a. A written lease/rental agreement is required for all trucks leased or rented; documenting the ownership and the terms of the agreement. The agreements must be submitted and approved by the Contracting Agency prior to the beginning of the Work. The agreement must show the lessee's name, truck description and agreed upon amount and method of payment (hour, ton, or per load). All lease agreements shall be for a long-term relationship, rather than for the individual
project. (This requirement does not apply to owner-operator arrangements.)

b. Only the vehicle, (not the operator) may be leased or rented. (This requirement does not apply to owner-operator arrangements.)

7. Credit may only be claimed for DBE trucking firms operating under a subcontract or a written agreement approved by the Contracting Agency prior to performing Work.

**Expenditures paid to other DBEs**

Expenditures paid to other DBEs for materials or supplies may be counted toward DBE goals as provided in the following:

**Manufacturer**

You may claim DBE credit for 100 percent of value of the materials or supplies obtained from a DBE manufacturer.

A manufacturer is a firm that operates or maintains a factory or establishment that produces, on the premises, the materials, supplies, articles, or equipment required under the contract. A manufacturer shall include firms that produce finished goods or products from raw or unfinished material or that purchases and substantially alters goods and materials to make them suitable for construction use before reselling them.

In order to receive credit as a DBE Manufacturer, the firm must be certified by OMWBE as a manufacturer in a NAICS code that falls within the 31XXX to 33XXX classification.

**Regular Dealer**

You may claim credit for 60 percent of the value of the materials or supplies purchased from a DBE regular dealer. Rules applicable to regular dealer status are contained in 49 CFR Part 26.55.e.2.

To be considered a regular dealer you must meet the following criteria:

1. WSDOT considers and recognizes a regular dealer, as a firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials or supplies required for the performance of the Contract and described by the specifications of the Contract are bought, kept in stock and regularly sold or leased to the public in the usual course of business.

2. Sixty percent (60%) of the cost of materials or supplies purchased from an approved regular dealer may be credited as DBE participation.

Regular dealer status is granted on a contract-by-contract basis. A firm wishing to be approved as a regular dealer for WSDOT contracted projects or Highways & Local Program administered projects must submit a request in writing to the OEO no later than seven days prior to bid opening. Once the OEO has received the request, an onsite review will be set up with the firm and a review conducted to determine the firm's qualifications. If it is determined that the firm qualifies as a regular dealer the OEO will list the firm on an approved
regular dealers List. The list may be accessed through the OEO Home website is at:

www.wsdot.wa.gov/equal/opportunity

Note: Requests to be listed as a regular dealer will only be processed if the requesting firm is certified by the Office of Minority and Women’s Business Enterprises in a NAICS code that fall within the 42XXX NAICS Wholesale code section.

Materials or Supplies Purchased from a DBE
With regard to materials or supplies purchased from a DBE who is neither a manufacturer nor a regular dealer you may claim credit for the following:

1. Fees or commissions charged for assistance in the procurement of the materials and supplies.

2. Fees or transportation charges for the delivery of materials or supplies.

In either case, you may not take credit for any part of the cost of the materials and supplies.

Joint Checking Allowance
Prime Contractors and DBEs must receive pre-approval by the OEO before using a joint check. Joint check requests shall be submitted, by the Prime Contractor to the Contracting Agency for approval.

When requesting approval for use of a joint checking allowance, the Contractor must distribute a written joint check agreement among the parties (including the suppliers involved) providing full and prompt disclosure of the expected use of the joint checks. The agreement shall contain all the information concerning the parties’ obligations and consequences or remedies if the agreement is not fulfilled or a breach occurs. The joint check request shall be submitted to the Contracting Agency for approval prior to signing the Contract agreement.

The following are some general conditions that must be met by all parties regarding joint check use:

a. It is understood the Prime Contractor acts as the guarantor of a joint check.

b. The DBE’s own funds are used to pay supplier of materials. The Prime Contractor does not make direct payment to supplier. In order to be performing a Commercially Useful Function (CUF), the DBE must release the check to the supplier (paying for the materials it-self and not be an extra participant in a transaction).

c. If the Prime Contractor makes joint checks available to one DBE Subcontractor, the service must be made available to all Subcontractors (DBE and non-DBE).

d. The relationship between the DBE and its suppliers should be established independently of and without interference by the Prime Contractor. The DBE
has final decision-making responsibility concerning the procurement of materials and supplies, including which supplier to use.

e. The Prime Contractor and DBE shall be able to provide receipts, invoices, cancelled checks and/or certification statements of payment if requested by the Contracting Agency.

f. The DBE remains responsible for all other elements of 49 CFR 26.55(c) (1).

Failure by the Prime Contractor to request and to receive prior approval of a joint check arrangement will result in the joint check amount not counting towards the Prime Contractor’s DBE goal.

Commercially Useful Function (CUF)
In any case, you may only take credit when the associated DBE that is determined to be performing a Commercially Useful Function (CUF).

- A DBE performs a CUF when it is responsible for execution of a distinct element of Work and is carrying out its responsibilities by performing, managing and supervising the Work involved. The DBE must also be responsible with respect to materials and supplies used on the Contract. For example; negotiating price, determining quality, determining quantities, ordering, installing (if applicable) and paying for the material itself.

- A DBE does not perform a CUF if its role is limited to that of an extra participant in a transaction, Contract, or project through which funds are passed.

Procedures Between Award and Execution
After award and prior to Execution of the Contract, the successful Bidder shall provide additional information as described below. Failure to comply may result in the forfeiture of the Bidder’s Proposal bond or deposit.

A list of all firms who submitted a Bid or quote in an attempt to participate in this project whether they were successful or not.

Include the correct business name, federal employer identification number (optional) and a mailing address.

The firms identified by the Prime Contractor may be contacted by Contracting Agency to solicit general information as follows:

1. Age of the firm.

2. Average of its gross annual receipts over the past three years.

Procedures after Execution
Reporting
Quarterly Report of Amounts Credited as DBE Participation
Form #422-102
The Prime Contractor shall submit a Quarterly Report of Amounts Credited as DBE Participation form (422-102 EF) on a quarterly basis for any calendar quarter in which DBE Work is accomplished or upon completion of the project,
as appropriate. This is a record of payments to the DBE that the Prime Contractor is taking credit for as DBE participation. The dollars reported as specified in Crediting DBE Participation for Reporting Purposes section of this contract provision.

In the event that the payments to a DBE have been made by an entity other than the Prime Contractor (as in the case of a lower-tier Subcontractor or supplier), then the Prime Contractor shall obtain the quarterly report, including the signed affidavit, from the paying entity and submit the report to the Contracting Agency.

**Payment**
Compensation for all costs associated with complying with the conditions of this specification shall be included in payment for the associated Contract items of Work.

**Prompt Payment**
Prompt payment to all Subcontractors shall be in accordance with Section 1-08.1(1) of the Contract Provisions.

**Damages for Noncompliance**
The Prime Contractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this Contract. The Prime Contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of Contracts, which contain funding assistance from the United States Department of Transportation. Failure by the Prime Contractor to carry out these requirements is a material breach of this Contract, which may result in the termination of this Contract or such other remedy as the Contracting Agency deems appropriate.

1-07.12  **Federal Agency Inspection**

Section 1-07.12 is supplemented with the following:

*(July 30, 2012)*

**Required Federal Aid Provisions**
The Required Contract Provisions Federal Aid Construction Contracts (FHWA 1273) Revised May 1, 2012 supersede any conflicting provisions of the Standard Specifications and are made a part of this Contract; provided, however, that if any of the provisions of FHWA 1273 are less restrictive than Washington State Law, then the Washington State Law shall prevail.

The provisions of FHWA 1273 included in this Contract require that the Contractor insert the FHWA 1273 in each Subcontract, together with the wage rates which are part of the FHWA 1273. Also, a clause shall be included in each Subcontract requiring the Subcontractors to insert the FHWA 1273 thereto in any lower tier Subcontracts, together with the wage rates. The Contractor shall also ensure that this section, REQUIRED FEDERAL AID PROVISIONS, is inserted in each Subcontract for Subcontractors and lower tier Subcontractors. For this purpose, upon request to the Project Engineer, the Contractor will be provided with extra copies of the FHWA 1273, the applicable wage rates, and this Special Provision.

1-07.13(4)  **Repair of Damage**

Section 1-07.13(4) is revised to read:
The Contractor shall promptly repair all damage to either temporary or permanent work as directed by the Engineer. For damage qualifying for relief under Sections 1-07.13(1), 1-07.13(2) or 1-07.13(3), payment will be made in accordance with Section 1-04.4. Payment will be limited to repair of damaged work only. No payment will be made for delay or disruption of work.

1-07.17 Utilities and Similar Facilities

Section 1-07.17 is supplemented with the following:

(April 2, 2007)

Locations and dimensions shown in the Plans for existing facilities are in accordance with available information obtained without uncovering, measuring, or other verification.

The following addresses and telephone numbers of utility companies known or suspected of having facilities within the project limits are supplied for the Contractor's convenience:

Cascade Natural Gas Company
Greg Miller
701 S. 1st Ave.
Yakima, Wa. 98902
Phone: (509) 457-8176

Pacific Power
Mike Paulson
500 North Keys Road
Yakima, WA 98901-1164
Phone: (509) 575-3158

Roza Irrigation District
Wayne Sonnichsen
125 S. 13th St
Sunnyside, WA 98944
Phone: (509) 837-5141

Charter Communications
Ron Graaff
1005 N. 16th Ave.
Yakima, Wa. 98902
(509) 425-9210

Terrace Heights Sewer District
Harold Weber
186 Iron Horse Court
Suite 100
Yakima WA, 98901
(509) 453-8702

United States Bureau of Reclamation
Tom Glover
(509) 654-0824
Public and private utilities, or their Contractors, will furnish all work necessary to adjust, relocate, replace, or construct their facilities unless otherwise provided for in the Plans or these Special Provisions. Such adjustment, relocation, replacement, or construction will be done during the prosecution of the work for this project. It is anticipated that utility adjustment, relocation, replacement or construction within the project limits will be completed as follows:

1) The Cascade Natural Gas Company line will need to be temporarily relocated off of the existing bridge to allow demo/reconstruction and will be permanently located on the new bridge after its significant completion.

2) The Pacific Power lines will need to be de-energized during crane work.

The Contractor shall attend a mandatory utility preconstruction meeting with the Engineer, all affected Subcontractors, and all utility owners and their Contractors prior to beginning onsite work.

1-07.18 Public Liability and Property Damage Insurance

Delete this section in its entirety, and replace it with the following:

1-07.18 Insurance
(January 24, 2011 APWA GSP)

1-07.18(1) General Requirements

A. The Contractor shall obtain the insurance described in this section from insurers approved by the State Insurance Commissioner pursuant to RCW Title 48. The insurance must be provided by an insurer with a rating of A-: VII or higher in the A.M. Best’s Key Rating Guide, which is licensed to do business in the state of Washington (or issued as a surplus line by a Washington Surplus lines broker). The Contracting Agency reserves the right to approve or reject the insurance provided, based on the insurer (including financial condition), terms and coverage, the Certificate of Insurance, and/or endorsements.

B. The Contractor shall keep this insurance in force during the term of the Contract and for thirty (30) days after the Physical Completion date, unless otherwise indicated (see C. below).

C. If any insurance policy is written on a claims made form, its retroactive date, and that of all subsequent renewals, shall be no later than the effective date of this Contract. The policy shall state that coverage is claims made, and state the retroactive date. Claims-made form coverage shall be maintained by the Contractor for a minimum of 36 months following the Final Completion or earlier termination of this Contract, and the Contractor shall annually provide the Contracting Agency with proof of renewal. If renewal of the claims made form of coverage becomes unavailable, or economically prohibitive, the Contractor shall purchase an extended reporting period (“tail”) or execute another form of guarantee acceptable to the Contracting Agency to assure financial responsibility for liability for services performed.

D. The insurance policies shall contain a “cross liability” provision.

E. The Contractor’s and all subContractors’ insurance coverage shall be primary and non-contributory insurance as respects the Contracting Agency’s insurance, self-insurance, or insurance pool coverage.
F. The Contractor shall provide the Contracting Agency and all Additional Insureds with written notice of any policy cancellation, within two business days of their receipt of such notice.

G. Upon request, the Contractor shall forward to the Contracting Agency a full and certified copy of the insurance policy(s).

H. The Contractor shall not begin work under the Contract until the required insurance has been obtained and approved by the Contracting Agency.

I. Failure on the part of the Contractor to maintain the insurance as required shall constitute a material breach of contract, upon which the Contracting Agency may, after giving five business days notice to the Contractor to correct the breach, immediately terminate the Contract or, at its discretion, procure or renew such insurance and pay any and all premiums in connection therewith, with any sums so expended to be repaid to the Contracting Agency on demand, or at the sole discretion of the Contracting Agency, offset against funds due the Contractor from the Contracting Agency.

J. All costs for insurance shall be incidental to and included in the unit or lump sum prices of the contract and no additional payment will be made.

1-07.18(2) Additional Insured

All insurance policies, with the exception of Professional Liability and Workers Compensation, shall name the following listed entities as additional insured(s):

- the Contracting Agency and its officers, elected officials, employees, agents, and volunteers
- the Terrace Heights Sewer District and its officers, elected officials, employees, agents, and volunteers
- the United States Department of the Interior Bureau of Reclamation and its officers, elected officials, employees, agents, and volunteers
- the Roza Irrigation District and its officers, elected officials, employees, agents, and volunteers

The above-listed entities shall be additional insured(s) for the full available limits of liability maintained by the Contractor, whether primary, excess, contingent or otherwise, irrespective of whether such limits maintained by the Contractor are greater than those required by this Contract, and irrespective of whether the Certificate of Insurance provided by the Contractor pursuant to 1-07.18(3) describes limits lower than those maintained by the Contractor.

1-07.18(3) Subcontractors

Contractor shall ensure that each subcontractor of every tier obtains and maintains at a minimum the insurance coverages listed in 1-07.18(5)A and 1-07.18(5)B. Upon request of the Contracting Agency, the Contractor shall provide evidence of such insurance.

1-07.18(4) Evidence of Insurance

The Contractor shall deliver to the Contracting Agency a Certificate(s) of Insurance and endorsements for each policy of insurance meeting the requirements set forth herein when the Contractor delivers the signed Contract for the work. The certificate and endorsements must conform to the following requirements:

1. An ACORD certificate or a form determined by the Contracting Agency to be equivalent.

2. Copies of all endorsements naming Contracting Agency and all other entities listed in 1-07.18(2) as Additional Insured(s), showing the policy number. The Contractor may submit a copy of any blanket additional insured clause from its policies instead of a separate endorsement. A statement of additional insured status on an ACORD Certificate of Insurance shall not satisfy this requirement.
3. Any other amendatory endorsements to show the coverage required herein.

1-07.18(5) Coverages and Limits
The insurance shall provide the minimum coverages and limits set forth below. Providing coverage in these stated minimum limits shall not be construed to relieve the Contractor from liability in excess of such limits. All deductibles and self-insured retentions must be disclosed and are subject to approval by the Contracting Agency. The cost of any claim payments falling within the deductible shall be the responsibility of the Contractor.

1-07.18(5)A Commercial General Liability
A policy of Commercial General Liability Insurance, including:

- Per project aggregate
- Premises/Operations Liability
- Products/Completed Operations – for a period of one year following final acceptance of the work.
- Personal/Advertising Injury
- Contractual Liability
- Independent Contractors Liability
- Stop Gap / Employers' Liability
- Explosion, Collapse, or Underground Property Damage (XCU)
- Blasting (only required when the Contractor's work under this Contract includes exposures to which this specified coverage responds)

Such policy must provide the following minimum limits:

- $1,000,000 Each Occurrence
- $2,000,000 General Aggregate
- $1,000,000 Products & Completed Operations Aggregate
- $1,000,000 Personal & Advertising Injury, each offence

Stop Gap / Employers' Liability

- $1,000,000 Each Accident
- $1,000,000 Disease - Policy Limit
- $1,000,000 Disease - Each Employee

1-07.18(5)B Automobile Liability
Automobile Liability for owned, non-owned, hired, and leased vehicles, with an MCS 90 endorsement and a CA 9948 endorsement attached if “pollutants” are to be transported. Such policy(ies) must provide the following minimum limit:

- $1,000,000 combined single limit

1-07.18(5)C Workers' Compensation
The Contractor shall comply with Workers' Compensation coverage as required by the Industrial Insurance laws of the state of Washington.

1-07.23 Public Convenience and Safety

1-07.23(1) Construction Under Traffic

Section 1-07.23(1) is supplemented with the following:
(January 2, 2012)

Work Zone Clear Zone

The Work Zone Clear Zone (WZCZ) applies during working and nonworking hours. The
WZCZ applies only to temporary roadside objects introduced by the Contractor's
operations and does not apply to preexisting conditions or permanent Work. Those
work operations that are actively in progress shall be in accordance with adopted and
approved Traffic Control Plans, and other contract requirements.

During nonworking hours equipment or materials shall not be within the WZCZ unless
they are protected by permanent guardrail or temporary concrete barrier. The use of
temporary concrete barrier shall be permitted only if the Engineer approves the
installation and location.

During actual hours of work, unless protected as described above, only materials
absolutely necessary to construction shall be within the WZCZ and only construction
vehicles absolutely necessary to construction shall be allowed within the WZCZ or
allowed to stop or park on the shoulder of the roadway.

The Contractor's nonessential vehicles and employees' private vehicles shall not be
permitted to park within the WZCZ at any time unless protected as described above.

Deviation from the above requirements shall not occur unless the Contractor has
requested the deviation in writing and the Engineer has provided written approval.

Minimum WZCZ distances are measured from the edge of traveled way and will be
determined as follows:

<table>
<thead>
<tr>
<th>Regulatory Posted Speed</th>
<th>Distance From Traveled Way (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>35 mph or less</td>
<td>10 *</td>
</tr>
<tr>
<td>40 mph</td>
<td>15</td>
</tr>
<tr>
<td>45 to 55 mph</td>
<td>20</td>
</tr>
<tr>
<td>60 mph or greater</td>
<td>30</td>
</tr>
</tbody>
</table>

* or 2-feet beyond the outside edge of sidewalk

Minimum Work Zone Clear Zone Distance

1-07.24 Rights of Way

(October 1, 2005 APWA GSP)

Delete this section in its entirety, and replace it with the following:

Street right of way lines, limits of easements, and limits of construction permits are indicated in the
Plans. The Contractor's construction activities shall be confined within these limits, unless
arrangements for use of private property are made.

Generally, the Contracting Agency will have obtained, prior to bid opening, all rights of way and
easements, both permanent and temporary, necessary for carrying out the work. Exceptions to
this are noted in the Bid Documents or will be brought to the Contractor's attention by a duly
issued Addendum.
Whenever any of the work is accomplished on or through property other than public right of way, the Contractor shall meet and fulfill all covenants and stipulations of any easement agreement obtained by the Contracting Agency from the owner of the private property. Copies of the easement agreements may be included in the Contract Provisions or made available to the Contractor as soon as practical after they have been obtained by the Engineer.

Whenever easements or rights of entry have not been acquired prior to advertising, these areas are so noted in the Plans. The Contractor shall not proceed with any portion of the work in areas where right of way, easements or rights of entry have not been acquired until the Engineer certifies to the Contractor that the right of way or easement is available or that the right of entry has been received. If the Contractor is delayed due to acts of omission on the part of the Contracting Agency in obtaining easements, rights of entry or right of way, the Contractor will be entitled to an extension of time. The Contractor agrees that such delay shall not be a breach of contract.

Each property owner shall be given 48 hours notice prior to entry by the Contractor. This includes entry onto easements and private property where private improvements must be adjusted.

The Contractor shall be responsible for providing, without expense or liability to the Contracting Agency, any additional land and access thereto that the Contractor may desire for temporary construction facilities, storage of materials, or other Contractor needs. However, before using any private property, whether adjoining the work or not, the Contractor shall file with the Engineer a written permission of the private property owner, and, upon vacating the premises, a written release from the property owner of each property disturbed or otherwise interfered with by reasons of construction pursued under this contract. The statement shall be signed by the private property owner, or proper authority acting for the owner of the private property affected, stating that permission has been granted to use the property and all necessary permits have been obtained or, in the case of a release, that the restoration of the property has been satisfactorily accomplished. The statement shall include the parcel number, address, and date of signature. Written releases must be filed with the Engineer before the Completion Date will be established.

1-08 PROSECUTION AND PROGRESS

Add the following new section:

1-08.0 Preliminary Matters
(May 25, 2006 APWA GSP)

Add the following new section:

1-08.0(1) Preconstruction Conference
(October 10, 2008 APWA GSP)

Prior to the Contractor beginning the work, a preconstruction conference will be held between the Contractor, the Engineer and such other interested parties as may be invited. The purpose of the preconstruction conference will be:

1. To review the initial progress schedule;
2. To establish a working understanding among the various parties associated or affected by the work;
3. To establish and review procedures for progress payment, notifications, approvals, submittals, etc.;
4. To establish normal working hours for the work;
5. To review safety standards and traffic control; and
6. To discuss such other related items as may be pertinent to the work.

The Contractor shall prepare and submit at the preconstruction conference the following:
1. A breakdown of all lump sum items;
2. A preliminary schedule of working drawing submittals; and
3. A list of material sources for approval if applicable.

**1-08.1 Subcontracting**

Section 1-08.1 is supplemented with the following:

(October 12, 1998)
Prior to any subcontractor or lower tier subcontractor beginning work, the Contractor shall submit to the Engineer a certification (WSDOT Form 420-004 EF) that a written agreement between the Contractor and the subcontractor or between the subcontractor and any lower tier subcontractor has been executed. This certification shall also guarantee that these subcontract agreements include all the documents required by the Special Provision Federal Agency Inspection.

A Subcontractor or lower tier Subcontractor will not be permitted to perform any work under the contract until the following documents have been completed and submitted to the Engineer:

1. Request to Sublet Work (Form 421-012 EF), and
2. Contractor and Subcontractor or Lower Tier Subcontractor Certification for Federal-aid Projects (Form 420-004 EF).

The Contractor's records pertaining to the requirements of this Special Provision shall be open to inspection or audit by representatives of the Contracting Agency during the life of the contract and for a period of not less than three years after the date of acceptance of the contract. The Contractor shall retain these records for that period. The Contractor shall also guarantee that these records of all Subcontractors and lower tier Subcontractors shall be available and open to similar inspection or audit for the same time period.

**1-08.1 Subcontract Completion and Return of Retainage Withheld**

Section 1-08.1(1) is revised to read:

(June 27, 2011)
The following procedures shall apply to all subcontracts entered into as a part of this Contract:

**Requirements**
1. The Prime Contractor or Subcontractor shall make payment to the Subcontractor not later than ten (10) days after receipt of payment from the Contracting Agency for work satisfactorily completed by the Subcontractor, to the extent of each Subcontractor's interest therein.

2. Prompt and full payment of retainage from the Prime Contractor to the Subcontractor shall be made within 30 days after Subcontractor's Work is satisfactorily completed.
3. For purposes of this Section, a Subcontractor’s work is satisfactorily completed when all task and requirements of the Subcontract have been accomplished and including any required documentation and material testing.

4. Failure by a Prime Contractor or Subcontractor to comply with these requirements may result in one or more of the following:
   a. Withholding of payments until the Prime Contractor or Subcontractor complies
   b. Failure to comply shall be reflected in the Prime Contractor’s Performance Evaluation
   c. Cancellation, Termination, or Suspension of the Contract, in whole or in part
   d. Other sanctions as provided by the subcontractor or by law under applicable prompt pay statutes.

Conditions
This clause does not create a contractual relationship between the Contracting Agency and any Subcontractor as stated in Section 1-08.1. Also, it is not intended to bestow upon any Subcontractor, the status of a third-party beneficiary to the Contract between the Contracting Agency and the Contractor.

Payment
The Contractor will be solely responsible for any additional costs involved in paying retainage to the Subcontractors. Those costs shall be incidental to the respective Bid Items.

1-08.4 Prosecution of Work
Delete this section in its entirety, and replace it with the following:

1-08.4 Notice to Proceed and Prosecution of Work
(June 27, 2011 APWA GSP)

Notice to Proceed will be given after the Contract has been executed and the contract bond and evidence of insurance have been approved and filed by the Contracting Agency. The Contractor shall not commence with the work until the Notice to Proceed has been given by the Engineer. The Contractor shall commence construction activities on the project site within ten days of the Notice to Proceed Date, unless otherwise approved in writing. The Contractor shall diligently pursue the work to the physical completion date within the time specified in the Contract. Voluntary shutdown or slowing of operations by the Contractor shall not relieve the Contractor of the responsibility to complete the work within the time(s) specified in the Contract.

When shown in the Plans, the first order of work shall be the installation of high visibility fencing to delineate all areas for protection or restoration, as described in the Contract. Installation of high visibility fencing adjacent to the roadway shall occur after the placement of all necessary signs and traffic control devices in accordance with 1-10.1(2). Upon construction of the fencing, the Contractor shall request the Engineer to inspect the fence. No other work shall be performed on the site until the Contracting Agency has accepted the installation of high visibility fencing, as described in the Contract.

(*****
The Contractor shall begin on-site work no earlier than approximately October 22, 2012 on written approval of the Engineer and pending the deactivation and condition of the Roza Irrigation Canal. The Engineer will provide a minimum of 10 calendar days written notice for the date identified as the first working day. All bridge and utility line work requiring access via the Roza Irrigation Canal shall be completed no later than March 1, 2013.

1-08.5 Time for Completion

Section 1-08.5 is supplemented with the following:

(March 13, 1995)
This project shall be physically completed within 50 working days.

1-08.5 Time for Completion
(June 28, 2007 APWA GSP, Option A)

Revise the third and fourth paragraphs to read:

Contract time shall begin on the first working day following the Notice to Proceed Date.

Each working day shall be charged to the contract as it occurs, until the contract work is physically complete. If substantial completion has been granted and all the authorized working days have been used, charging of working days will cease. Each week the Engineer will provide the Contractor a statement that shows the number of working days: (1) charged to the contract the week before; (2) specified for the physical completion of the contract; and (3) remaining for the physical completion of the contract. The statement will also show the nonworking days and any partial or whole day the Engineer declares as unworkable. Within 10 calendar days after the date of each statement, the Contractor shall file a written protest of any alleged discrepancies in it. To be considered by the Engineer, the protest shall be in sufficient detail to enable the Engineer to ascertain the basis and amount of time disputed. By not filing such detailed protest in that period, the Contractor shall be deemed as having accepted the statement as correct. If the Contractor elects to work 10 hours a day and 4 days a week (a 4-10 schedule) and the fifth day of the week in which a 4-10 shift is worked would ordinarily be charged as a working day then the fifth day of that week will be charged as a working day whether or not the Contractor works on that day.

Revise the sixth paragraph to read:

The Engineer will give the Contractor written notice of the completion date of the contract after all the Contractor’s obligations under the contract have been performed by the Contractor. The following events must occur before the Completion Date can be established:

1. The physical work on the project must be complete; and

2. The Contractor must furnish all documentation required by the contract and required by law, to allow the Contracting Agency to process final acceptance of the contract. The following documents must be received by the Project Engineer prior to establishing a completion date:
   a. Certified Payrolls (Federal-aid Projects)
   b. Material Acceptance Certification Documents
   d. Final Contract Voucher Certification
   e. Property owner releases per Section 1-07.24
1-08.9 Liquidated Damages
(March 13, 2012 APWA GSP)

Revise the fourth paragraph to read:

When the Contract Work has progressed to Substantial Completion as defined in the Contract. The Engineer may determine that the work is Substantially Complete. The Engineer will notify the Contractor in writing of the Substantial Completion Date. For overruns in Contract time occurring after the date so established, the formula for liquidated damages shown above will not apply. For overruns in Contract time occurring after the Substantial Completion Date, liquidated damages shall be assessed on the basis of direct engineering and related costs assignable to the project until the actual Physical Completion Date of all the Contract Work. The Contractor shall complete the remaining Work as promptly as possible. Upon request by the Project Engineer, the Contractor shall furnish a written schedule for completing the physical Work on the Contract.

1-09 MEASUREMENT AND PAYMENT

1-09.6 Force Account
(October 10, 2008 APWA GSP)

Supplement this section with the following:

The Contracting Agency has estimated and included in the Proposal, dollar amounts for all items to be paid per force account, only to provide a common proposal for Bidders. All such dollar amounts are to become a part of Contractor’s total bid. However, the Contracting Agency does not warrant expressly or by implication, that the actual amount of work will correspond with those estimates. Payment will be made on the basis of the amount of work actually authorized by Engineer.

1-09.9 Payments
(March 13, 2012 APWA GSP)

Delete the first four paragraphs and replace them with the following:

The basis of payment will be the actual quantities of Work performed according to the Contract and as specified for payment.

The Contractor shall submit a breakdown of the cost of lump sum bid items at the Preconstruction Conference, to enable the Project Engineer to determine the Work performed on a monthly basis. A breakdown is not required for lump sum items that include a basis for incremental payments as part of the respective Specification. Absent a lump sum breakdown, the Project Engineer will make a determination based on information available. The Project Engineer's determination of the cost of work shall be final.

Progress payments for completed work and material on hand will be based upon progress estimates prepared by the Engineer. A progress estimate cutoff date will be established at the preconstruction conference.

The initial progress estimate will be made not later than 30 days after the Contractor commences the work, and successive progress estimates will be made every month thereafter until the Completion Date. Progress estimates made during progress of the work are tentative, and made
only for the purpose of determining progress payments. The progress estimates are subject to
change at any time prior to the calculation of the final payment.

The value of the progress estimate will be the sum of the following:
1. Unit Price Items in the Bid Form — the approximate quantity of acceptable units of work
completed multiplied by the unit price.
2. Lump Sum Items in the Bid Form — based on the approved Contractor's lump sum
breakdown for that item, or absent such a breakdown, based on the Engineer's
determination.
3. Materials on Hand — 100 percent of invoiced cost of material delivered to Job site or other
storage area approved by the Engineer.
4. Change Orders — entitlement for approved extra cost or completed extra work as
determined by the Engineer.

Progress payments will be made in accordance with the progress estimate less:
1. Retainage per Section 1-09.9(1), on non FHWA-funded projects;
2. The amount of progress payments previously made; and
3. Funds withheld by the Contracting Agency for disbursement in accordance with the Contract
Documents.

Progress payments for work performed shall not be evidence of acceptable performance or an
admission by the Contracting Agency that any work has been satisfactorily completed. The
determination of payments under the contract will be final in accordance with Section 1-05.1.

1-09.9(1) Retainage

Section 1-09.9(1) content and title is deleted and replaced with the following:
(June 27, 2011)
Vacant

1-09.13(3) Claims $250,000 or Less
(October 1, 2005 APWA GSP)

Delete this Section and replace it with the following:
The Contractor and the Contracting Agency mutually agree that those claims that total $250,000
or less, submitted in accordance with Section 1-09.11 and not resolved by nonbinding ADR
processes, shall be resolved through litigation unless the parties mutually agree in writing to
resolve the claim through binding arbitration.

1-09.13(3)A Administration of Arbitration
(October 1, 2005 APWA GSP)

Revise the third paragraph to read:
The Contracting Agency and the Contractor mutually agree to be bound by the decision of the
arbiter, and judgment upon the award rendered by the arbiter may be entered in the Superior
Court of the county in which the Contracting Agency's headquarters are located. The decision of
thearbiter and the specific basis for the decision shall be in writing. The arbiter shall use the
contract as a basis for decisions.
SECTION 1-10  TEMPORARY TRAFFIC CONTROL

1-10.2 Traffic Control Management

(December 1, 2008)

Section 1-10.2(1) is supplemented with the following:

Only training with WSDOT TCS card and WSDOT training curriculum is recognized in the State of Washington. The Traffic Control Supervisor shall be certified by one of the following:

The Northwest Laborers-Employers Training Trust
27055 Ohio Ave.
Kingston, WA 98346
(360) 297-3035

Evergreen Safety Council
401 Pontius Ave. N.
Seattle, WA 98109
1-800-521-0778 or
(206) 382-4090

The American Traffic Safety Services Association
15 Riverside Parkway, Suite 100
Fredericksburg, Virginia 22406-1022
Training Dept. Toll Free (877) 642-4637
Phone: (540) 368-1701

1-10.4 Measurement
Lump Sum Bid for Project (No Unit Items)
Section 1-10.4(1) is supplemented with the following:

(August 2, 2004)
The proposal contains the item "Project Temporary Traffic Control," lump sum. The provisions of Section 1-10.4(1) shall apply.

DIVISION 2
EARTHWORK

SECTION 2-01  CLEARING, GRUBBING, AND ROADSIDE CLEANUP

2-01.1 Description

Section 2-01.1 is supplemented with the following:

(March 13, 1995)
Clearing and grubbing on this project shall be performed within the following limits:

The Contractor shall Clear and Grub as necessary to accomplish the project within the projects limits and right of way. Work normally considered as "Roadside Cleanup" shall be
considered as incidental to Clearing and Grubbing and there shall be no pay for Roadside Cleanup.

2-01.2 Disposal of Usable Material and Debris

(December 7, 2006 G&O)

Delete the third paragraph of this Section and replace it with the following:

Refuse and debris shall be loaded and hauled to a waste site secured by the Contractor and shall be disposed of in such a manner as to meet all requirements of state, county, and municipal regulations regarding health, safety and public welfare.

2-01.5 Payment

Section 2-01.5 is revised as follows:

(*****)

There shall be no payment for roadside cleanup. Any work performed for roadside cleanup shall be incidental to the Bid Item “Clearing and Grubbing” per Lump Sum, and no further payment shall be made.

2-02 REMOVAL OF STRUCTURES AND OBSTRUCTIONS

2-02.1 Description

(December 7, 2006 G&O)

This Section is supplemented with the following:

This work also consists of removing, handling and disposing of deleterious material or debris encountered during trench excavation or other work as indicated on the Plans within the Project site, including, but not limited to, existing pipes, utility structures or appurtenances, riprap, buried concrete including thrust blocks, concrete footings and/or slabs, buried logs or debris, asphalt pavement, cement concrete pavement, sidewalks, fences, landscaping items, rock walls, guardrail, signs and any and all other structures and obstructions that pertain to the sanitary sewer project (unless a separate bid item has been provided for this work). All salvageable items pertaining to the sanitary sewer project shall be removed and delivered to the Terrace Heights Sewer District unless indicated otherwise on the Plans. The Terrace Heights Sewer District shall determine if an item removed is salvageable. All other items removed shall be loaded and wastehauled by the Contractor.

2-02.3 Construction Requirements

(December 7, 2006 G&O)

This Section is supplemented with the following:

The removal of any existing improvements shall be conducted in such a manner as not to damage utilities and any portion of the infrastructure that is to remain in place. Any deviation in this matter will obligate the Contractor at his own expense, to repair, replace or otherwise make proper restoration to the satisfaction of the Terrace Heights Sewer District.

2-02.3(2) Removal of Bridges, Box Culverts, and other Drainage Structures

HILLCREST DRIVE BRIDGE NO. 160 – BRIDGE REPLACEMENT PROJECT

COUNTY PROJECT NO. C 3376 / FEDERAL AID PROJECT NO. BRS-4617(001)
Section 2-02.3(2) is supplemented with the following:

(June 26, 2000)
The Contractor shall remove existing Bridge Hillcrest Drive #160 after routing traffic onto the detour route shown in the plans.

(June 26, 2000)
**Bridge Demolition Plan**
The Contractor shall submit a bridge demolition plan with working drawings and calculations to the Engineer for approval in accordance with Section 6-01.9, showing the method of removing the existing bridge(s), or portions of bridges, as specified.

The bridge demolition plan shall show support bents, bracing, guys, lifting devices, lifting attachments, the sequence of demolition and removal, the type of equipment to be used in all demolition and removal operations, the location of cranes and barges, the location of support or lifting points, and the weights of structure parts being removed. The plan shall include a crane stability analysis and crane load calculations based on the controlling crane picks of the Contractor’s plan. The plan shall detail the containment, collection, and disposal of all debris. The plan shall show all stages of demolition.

The Contractor shall not begin removal operations until receiving the Engineer’s approval of the bridge demolition plan.

(June 26, 2000)
**Use of Explosives**
Explosives shall not be used in the demolition.

(August 6, 2007)
**Requirements for Closing Bridge to Traffic Prior to Beginning Removal**
The Contractor shall not close the existing bridge to traffic, and shall not begin bridge removal operations, until the following conditions are met:

1. The Contractor has received the Engineer’s approval of the bridge demolition plan.

2. The Contractor has received the Engineer’s approval of all shop drawings and materials submittals for materials required for the work to be executed during the closure.

3. The Contractor has submitted a report on the status of material delivery to the Engineer. The report shall specify the materials already available at the site, the materials yet to arrive at the site, and the scheduled delivery dates of the materials yet to arrive at the site, with written verification from the supplier or copies of confirmed purchase orders indicating the delivery dates of the materials yet to arrive at the site.

4. The Contractor shall provide an updated progress schedule in accordance with Section 1-08.3 confirming that the scheduled delivery of materials will meet the schedule to complete the work within the allowed time. The Contractor shall supplement the progress schedule with a written narrative describing the assumed production rates and planned resource allocations that support the bridge construction activity durations provided in the progress schedule.

5. The Contractor has received the Engineer’s approval to proceed.
2-02.3(5) Waste Disposal (New Section)

(June 16, 2006 G&O)

Waste materials shall be loaded and hauled to a waste site secured by the Contractor and shall be disposed of in such a manner as to meet all requirements of state, county and municipal regulations regarding health, safety and public welfare.

2-02.4 Measurement

Section 2-02.4 is supplemented with the following:

(September 8, 1997)
Pavement removal will be measured by the square yard.

The following is a list of major removal items and approximate quantities which shall be included in the lump sum contract price for "Removing Existing Bridge". The inactive water lines are incidental.

- Remove Aluminum Railing       189    LF
- Remove Bridge Superstructure   3,405   SF
- Remove North Abutment and Retaining Walls    75     CY
- Remove South Abutment and Retaining Walls     36     CY

The items and quantities are listed only for the convenience of the Contractor in determining the magnitude of work involved, and are not guaranteed to be accurate. The prospective bidders shall review the Plans thoroughly and verify all removal items and quantities before submitting a bid. No adjustments other than for approved changes shall be made in the lump sum contract price for Removal of Existing Bridge, even though the actual quantities required may deviate from those listed.

2-02.5 Payment

Section 2-02.5 is revised by the following:

(September 30, 1996)
"Removing Asphalt Conc. Pavement", per square yard.

(June 26, 2000)
"Removing Existing Bridge", lump sum.

This Section is supplemented with the following:

******. G&O

Waste materials to include, but not be limited to, pipe and manholes shall be loaded and hauled to a waste site secured by the Contractor and shall be disposed of in such a manner as to meet all requirements of state, county and municipal regulations regarding health, safety and public welfare. The cost to dispose of the waste material pertaining to the sanitary sewer project shall be considered incidental to the Project and as such, merged in the various lump sum and unit price bid items as found in the Proposal.

The cost of abandonment of pipe, structures, and appurtenances left in place pertaining to the sanitary sewer project shall be merged in the various lump sum and unit price bid items as found in the Proposal.
2-03 ROADWAY EXCAVATION AND EMBANKMENT

2-03.3(14) Embankment Construction

Section 2-03.3(14) is supplemented with the following

(*****)

All embankments shall be compacted using Method C.

2-03.4 Measurement

Section 2-03.4 is deleted and replaced with the following:

(*****)

Only one determination of the original ground elevations shall be made on this project. Measurement for roadway excavation and embankment shall be based on the original ground elevations recorded previous to the award of this Contract and the alignment, profile, grade, and roadway section as shown on the plans and as staked by the Engineer. Control stakes shall be set during construction to provide the Contractor with all essential information for the construction of excavation and embankments.

If discrepancies are discovered in the ground elevations, which will materially effect the quantities of earthwork, the original computations of earthwork shall be adjusted accordingly.

Earthwork quantities shall be computed either manually or by means of electronic data processing equipment, by use of the average end area method.

Copies of the ground cross-section notes shall be available for the bidder's inspection, before the opening of bids, at the office of the County Engineer. Upon award of the Contract, copies of the original ground cross-sections shall be furnished to the successful bidder on request to the County Engineer.

2-03.5 Payment

Section 2-03.5 is deleted and replaced with the following:

(*****)

The Contract Unit Price for "Roadway Excavation Incl. Haul," per Cubic Yard, shall be full compensation for all labor, equipment, tools, and materials necessary to excavate, load, haul, place, compact, shape, or otherwise dispose of the materials including existing hot mix asphalt pavements, and any other work required to complete this item as specified and no further payment shall be made.

No separate payment shall be made for embankment compaction and all costs to perform this work as required shall be included in the Unit Bid Price per Cubic Yard for "Roadway Excavation Incl. Haul."

The Contract Unit Price for "Common Borrow Incl. Haul," per Cubic Yard, shall be full compensation for all labor, equipment, tools, and materials necessary to excavate, load, haul, place, compact, shape, or otherwise dispose of the materials including existing hot mix asphalt pavements, and any other work required to complete this item as specified and no further payment shall be made.
No separate payment shall be made for embankment compaction and all costs to perform this work as required shall be included in the Unit Bid Price per Cubic Yard for "Common Borrow Incl. Haul."

2-04 Haul
(June 16, 2006 G&O)

This Section is supplemented with the following:

If the sources of materials provided by the Contractor necessitates hauling over any public roads, the Contractor shall, at the Contractor’s expense, make all arrangements for the use of the haul routes. No separate monies will be due the Contractor for this work.

DIVISION 3
PRODUCTION FROM QUARRY AND PIT SITES AND STOCKPILING

3-01 PRODUCTION FROM QUARRY AND PIT SITES

3-01.4 Contractor Furnished Material Sources
(June 16, 2006 G&O)

This Section is supplemented with the following:

No source has been provided for any materials necessary for the construction of this project.

3-01.6 Payment
(June 16, 2006 G&O)

This Section is supplemented with the following:

The Contractor shall make arrangements to obtain and deliver the necessary materials pertaining to the sanitary sewer project at no additional expense to the Terrace Heights Sewer District, and all costs of acquiring, producing, delivering, and placing materials in the finished work shall be included in the various unit contract and lump sum prices as listed in the Proposal.

DIVISION 5
SURFACE TREATMENTS AND PAVEMENTS

5-04 HOT MIX ASPHALT

5-04.1 Description

Section 5-04.1 is supplemented with the following:

(August 1, 2011)
This Work consists of constructing bridge transverse joint seals in accordance with these Special Provisions and the Plans.

5-04.2 Materials
(August 1, 2011) Bridge transverse joint seals shall be filled with hot poured joint sealant meeting the requirements of Standard Specifications Section 9-04.2(1).

5-04.3 Construction Requirements

Section 5-04.3 is supplemented with the following:

(August 1, 2011)
Bridge transverse joint seals shall be constructed at the locations specified in the Plans and in accordance with the Standard Plans.

Hot poured joint sealant shall be installed in accordance with the manufacturer's written recommendations. The Contractor shall submit the manufacturer's written installation procedure to the Engineer prior to installation.

5-04.3(8) Acceptance Sampling and Testing

Section 5-04.3(8) A shall be deleted

5-04.3(9) Spreading and Finishing

(******)
Section 5-04.3(9) shall be supplemented with the following:

5-04.3(9) A Materials Transfer Device

A materials transfer device (MTD) shall be required to deliver the hot mix asphalt from the hauling conveyance to the paving machine.

Material transfer devices may be self-propelled vehicles, pickup machines, or other devices that provide additional mixing and holding capacity of hot mix asphalt. Other that pickup machines, transfer devices shall have a minimum 18 ton holding and mixing capacity either on the paver, the device itself, or a combination of both.

Prior to use, the manufacturer and model number of the transfer equipment shall be submitted to the Engineer for review and approval. All costs to incorporate the MTD into the paving train shall be included in the unit contract prices for the associated bid items.

5-04.3(10) Compaction

5-04.3(10) B Control

(******)
The first paragraph of Section 5-04.3(10)B of the Standard Specifications is deleted and replaced with the following:

HMA used in traffic lanes, including lanes for ramps, truck climbing, weaving, and speed change, and having specified compacted course thickness greater than 0.10 foot, shall be compacted to a specified level relative density. The specified level of relative density shall be a minimum of 91.0 percent of the reference maximum density as determined by WSDOT for AASHTO T 209. The reference maximum density shall be determined as the moving average of the most recent five determinations for the lot of asphalt concrete being placed. The
specified level of density attained will be determined by five nuclear gauge tests taken in accordance with WAGTC FOP TM8 and WSDOT SOP T 729 on the day the mix is placed (after completion of the finish rolling) at locations determined by the stratified random sampling procedure conforming to WSDOT Test Method 716 within each density lot. The quantity represented by each density lot will be no greater than a single day's production or approximately 400 tons, whichever is less. The Engineer will furnish the Contractor with a copy of the results of all acceptance testing performed in the field by 7:00 a.m. the morning of the next workday after testing, of for nighttime work within four hours after the beginning of the next paving shift.

The last paragraph of Section 5-04.3(10)B of the Standard Specifications is deleted and replaced with the following:

In addition to the randomly selected locations for tests of density, the Engineer may also isolate from a normal lot any area that is suspected of being defective in relative density. Such isolated material will not include an original sample location. A minimum of 5 randomly located density tests will be taken. The isolated area then will be evaluated for price adjustment in accordance with the price reduction formula in the Special Provisions, considering it as a separate lot.

Control lots not meeting the minimum density standard shall be removed and replaced with satisfactory material. At the option of the Engineer, noncomplying material may be accepted at reduced price as computed below.

**FACTORS INVOLVED:**

- **Quantity of HMA involved** (from Compaction Control Report)
- **Percent compaction** (from Compaction Control Report)
- **Pay adjustment factor** (see table below)
- **Liquid asphalt used** = Percent liquid asphalt from "Amount Ordered" or "Calculated from Production" (whichever is less) from Daily Report of Asphalt Plant Operations (when producing from a commercial plant, always use the "Amount Ordered")
- **Price liquid asphalt** = Invoice price f.o.b. job site (if invoice unavailable then use average monthly refinery price.)
- **Unit Contract Price** (from Contract Proposal)

**CALCULATION PROCEDURE:**

Equations:  
- \( PA = Q \times AUCP \times PAF \)  
- \( AUCP = UCP - VLA \)  
- \( VLA = PLA \times RLAU \)  
- \( RLAU = LAU/100 \)

\[ PA = \text{Price adjustment} \]  
\[ UCPA = \text{Unit contract price adjustment} \]  
\[ Q = \text{Quantity HMA involved} \]  
\[ AUCP = \text{Adjusted unit contract price} \]  
\[ PAF = \text{Pay adjustment factor} \]
UCP = Unit contract price
VLA = Value liquid asphalt
PLA = Price liquid asphalt
RLAU = Rate liquid asphalt used
LAU = Liquid asphalt used

EXAMPLE:
Q = 200 tons
Percent compaction = 90.5
LAU = 5.0%
UCP = $25.00/ton
PLA = $200.00/ton f.o.b. job site
PAF = 0.05
RLAU = LAU/100
= 5.0/100
RLAU = 0.05 ton/ton
VLA = PLA x RLAU
= $200.00/ton x 0.05 ton/ton
VLA = $10.00/ton

AUCP = UCP - VLA
= $25.00/ton - $10.00/ton
AUCP = $15.00/ton

PA = Q x AUCP x PAF
= 200 ton x $15.00/ton x 0.05
PA = $150.00

UCPA = PA/Q
= $150.00/200 ton
UCPA = $0.75/ton

PAY ADJUSTMENT FACTOR

<table>
<thead>
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<th>% RICE</th>
<th>FACTOR</th>
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<tr>
<td>91.0 AND ABOVE</td>
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<td>0.05</td>
</tr>
<tr>
<td>89.0 - 89.9</td>
<td>0.10</td>
</tr>
<tr>
<td>88.0 - 88.9</td>
<td>0.20</td>
</tr>
<tr>
<td>BELOW 88.0</td>
<td>0.50 (IF ACCEPTED)</td>
</tr>
</tbody>
</table>

5-04.4 Measurement

Section 5-04.4 is supplemented with the following:

(August 1, 2011)
Bridge transverse joint seal will be measured by the linear foot along its completed line and slope.

5-04.5 Payment

Section 5-04.5 is supplemented with the following:
(August 1, 2011)

"Bridge Transverse Joint Seal", per linear foot, shall be full payment for all costs to perform the Work including saw cutting, cleaning the saw cut joint, and furnishing and installing joint sealant.

(******)

There is no Bid Item “Saw Cutting Asphalt Pavement” for this project. All costs associated with the cutting, labor, equipment, etc., or any other costs associated with cutting the existing asphalt or concrete pavement shall be considered incidental to the other Contract Bid Items, and no further payment shall be made.

5-04.5(1) Quality Assurance Price Adjustments

Section 5-04.5(1) shall be deleted.

5-04.5(1) A Price Adjustment for Quality of HMA

Section 5-04.5(1)A shall be deleted.

5-04.5(1) B Price Adjustment for Quality of HMA Compaction

Section 5-04.5(1)B shall be deleted.

DIVISION 6
STRUCTURES

6-01 GENERAL REQUIREMENTS FOR STRUCTURES

6-01.2 Foundation Data

Section 6-01.2 is supplemented with the following:

(******)

The exploratory boring logs are contained in the applicable Appendix to these Contract Documents.

Also, the Contractor should review the geotechnical engineering report prepared for this project. Copies of the report are available for review by prospective bidders by contacting the Contracting Agency at (509) 574-2314.

6-02 CONCRETE STRUCTURES

6-02.2 Materials

Section 6-02.2 is supplemented with the following:

Bridge Supported Utilities

(June 26, 2000)

Inserts shall be of the type and model specified in the Plans. Inserts shall be galvanized in accordance with AASHTO M 111.

(April 30, 2001)
Hanger rods, and associated nuts and washers, shall conform to Section 9-06.5(1), and shall be galvanized in accordance with AASHTO M 232.

Steel bars and plates shall conform to ASTM A 36 and shall be galvanized in accordance with AASHTO M 111.

(June 26, 2000)
Pipe rolls or pipe saddles shall be of the type and model specified in the Plans.

6-02.3 Construction Requirements

Section 6-02.3 is supplemented with the following:

Bridge Supported Utilities

(******)
The Contractor shall furnish and install girder inserts for the bridge utility supports as shown in the Plans. The Contractor shall verify that the hanger rods freely hang plumb in their inserts, and shall make adjustments to the inserts as necessary and as approved by the Engineer prior to utility installation.

The Contractor shall furnish and install the bridge utility supports, and the sanitary sewer utility pipe, as shown in the Plans.

Cascade Natural Gas Company will furnish and install all hardware and work related to the gas line facility except for the inserts embedded in the girders. The Contractor shall install the inserts embedded in the girders including the housing and appropriate sized nut.

The Contractor shall notify Cascade Natural Gas Company a sufficient time in advance and shall cooperate with them in order that their furnished items may be installed in the structure prior to March 1, 2013.

Note: the PVC sleeves installed in the abutments and diaphragms are a suggestion to form a hole during the concrete placement for later passage of the required utilities. These sleeves are incidental and no pay item for them shall exist. The Contractor may use another method to provide the holes provided it is also incidental and approved by the Engineer.

6-02.4 Measurement

Section 6-02.4 is supplemented with the following:

(August 2, 2010)
“Superstructure (Hillcrest Drive Bridge #160)” contains the following approximate quantities of materials and work:

- The provision and installation of six (6) Series W53DG Deck Bulb Tee Girders, each 97’ 0” long and containing the necessary utility inserts
- The provision and installation of twelve (12) Elastomeric Bearing Pads w/ Grout Pads
- The installation of Concrete Bridge Barrier on each side of bridge at 107’-0” per side

The quantities are listed only for the convenience of the Contractor in determining the volume of work involved and are not guaranteed to be accurate. The prospective bidders shall verify these quantities before submitting a bid. No adjustments other than for approved changes will be made in the lump sum contract price for “Superstructure (Hillcrest Drive Bridge #160)” even though the actual quantities required may deviate from those listed.
6-02.5 Payment

Section 6-02.5 is supplemented with the following:

(June 26, 2000)
All costs in connection with “Superstructure (Hillcrest Drive Bridge #160)” shall be included in the lump sum contract price for “Superstructure (Hillcrest Drive Bridge #160)”

(June 26, 2000)

Bridge Supported Utilities
All costs in connection with placing the sanitary sewer through the superstructure of Hillcrest Drive Bridge #160 as shown in the Plans, including all furnishing materials, installing materials, coordination with utility, etc., shall be included in separate bid schedules.

No additional compensation will be made by reason of any delay or other expense to the Contractor caused by coordination with the utility company or by installing utility company furnished items. However, any unavoidable delays to the Contractor caused by coordination with the utility company or resulting from installing utility company furnished items will be adjusted in accordance with Section 1-08.8.

6-08 WATERPROOFING

6-08.1 Description

Section 6-08.1 is supplemented with the following:

(January 3, 2011)
This work consists of furnishing and placing an approved waterproofing membrane system over a properly prepared concrete bridge deck prior to placing the HMA overlay.

The waterproofing membrane system shall consist of an impermeable sheet membrane that prevents passage of water from the overlay surfacing to the bridge deck substrate. The system shall also include a primer to bond the membrane to the bridge deck substrate, regardless of bridge deck temperature, except for circumstances when the waterproofing membrane system manufacturer specifically prohibits the use of a primer.

6-08.2 Materials

Section 9-11.2 is supplemented with the following:

(January 3, 2011)
Primer for Membrane Waterproofing (Deck Seal)
The membrane waterproofing (deck seal) primer shall be compatible for use with the membrane manufacturer’s sheet membrane, and shall be appropriate for bonding the sheet membrane to the bridge deck surface.

Waterproofing Fabric
Section 9-11.2 is supplemented with the following:

(January 2, 2012)
Membrane waterproofing (deck seal) sheet membrane shall conform to ASTM D 6153 Type III, and the following additional material properties:
<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
<th>Minimum Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Tensile Stress (At tear or breaking load for Thin Polymer Sheets)</td>
<td>ASTM D 882</td>
<td>50 pounds per inch</td>
</tr>
<tr>
<td>Minimum Grab Tensile Strength (At breaking load for Geotextiles and Fabric)</td>
<td>ASTM D 4632</td>
<td>50 pounds</td>
</tr>
<tr>
<td>Minimum Puncture Capacity (For Thin Polymer Sheets, Geotextiles and Fabric)</td>
<td>ASTM E 154</td>
<td>200 pounds</td>
</tr>
</tbody>
</table>

Membrane waterproofing (deck seal) sheet membrane will be accepted based on manufacturers certificate of compliance that the material furnished conforms to these specifications. The Contractor shall submit the manufacturer's certificate of compliance to the Engineer in accordance with Section 1-06.3.

6-08.3 Construction Requirements

6-08.3(2) Preparation of Surface (GSP)

Section 6-08.3(2) is supplemented with the following:

(January 3, 2011)

Preparation of Bridge Deck

The entire bridge deck and the sides of the curb and expansion joint headers to the height of the HMA overlay shall be essentially free of all foreign material such as dirt, grease, etc. Prior to applying the primer or sheet membrane, all dust and loose material shall be removed from the bridge deck with compressed air. All surface defects such as spalled areas, cracks, protrusions, holes, sharp edges, ridges, etc., and other imperfections greater than 3/8 inch that will decrease the effectiveness of the membrane by puncturing, stretching, etc., shall be corrected prior to application of the membrane.

Weather and Moisture Limitations

Work shall not be done during wet weather conditions, or when the bridge deck and ambient air temperatures are below 50F. The bridge deck shall be surface-dry at the time of the application of the primer or sheet membrane.

The Engineer may order work to be suspended in accordance with Section 1-08.6 because of the above weather and moisture limitations.

New Concrete Areas

All areas of the bridge deck that have less than 28-day-old concrete shall be allowed to cure for a period of time recommended by the membrane manufacturer or as specified by the Engineer before application of the membrane.

Concrete Protection

The Contractor shall use care to protect all concrete surfaces from damage. Any damage to exposed surfaces shall be repaired in accordance with Section 1-07.13.

6-08.3(3) Application of Waterproofing
Section 6-08.3(3) is supplemented with the following:

(January 3, 2011)

Membrane Waterproofing (Deck Seal)
The primer and membrane waterproofing shall extend from the bridge deck up onto the curb face and expansion joint header face the thickness of the HMA overlay. Special care shall be used at the curb face and expansion joint header face to see that the membrane adheres to the vertical surface.

The Contractor shall not begin application of membrane waterproofing deck seal to the bridge deck until demonstrating, to the satisfaction of the Engineer, that all labor, equipment, and materials necessary to apply the membrane and HMA overlay are either on hand or readily available to complete the work in a timely manner.

The primer shall be applied to the cleaned concrete surfaces at the rate and according to the procedure recommended by the membrane manufacturer. All surfaces to be covered by the membrane shall be thoroughly and uniformly coated with primer. Precautionary measures shall be taken to ensure that pools and thick layers of primer are not left on the deck surface to scum over. Drying time prior to applying the membrane shall normally be as recommended by the manufacturer, however, the membrane shall not be applied until substantially all volatile material has dissipated from the primer.

The prefabricated membrane shall be applied to the primed curb and bridge deck surfaces by either hand methods or mechanical applicators. Membrane application shall begin at the bridge deck low point and continue in a shingled pattern so that any water which accumulates will drain toward the curb and the bridge deck drains (if present) without accumulation against the membrane seams. Each strip shall be overlapped a minimum of six inches or as recommended by the manufacturer. An adhesive or a wide tipped torch to cause tackiness shall be used, if necessary, to assure a good seal of the joints. Hand rollers or other satisfactory pressure apparatus shall be used on the applied membrane to assure firm and uniform contact with the primed concrete surfaces.

Any torn or cut areas, or narrow overlaps, shall be patched using a satisfactory adhesive and by placing sections of the membrane over the defective area in such a manner that the patch extends at least six inches beyond the defect. The patch shall be rolled or firmly pressed onto the surface.

The fabric shall be neatly cut and contoured at all joints as specified by the Engineer.

After the membrane waterproofing application has been completed, the membrane shall be cut with two right angle cuts at all bridge deck drains (if present). The cuts shall be made to the inside diameter of the bridge deck drain outlet, after which the corners of the membrane waterproofing shall be turned down into the drains and laid in a coating of asphalt binder.

The waterproofing membrane will be visually inspected by the Engineer for uniformity of application, tears, punctures, bonding, bubbles, wrinkles and other defects as described in the membrane manufacturer's literature. All such deficiencies shall be repaired as recommended by the membrane manufacturer and approved by the Engineer prior to placement of the HMA overlay.

6-08.3(4) Protection Course

Section 6-08.3(4) is supplemented with the following:
General Membrane Protection
The membrane material shall be protected from damage due to the paving operations. The method of membrane protection shall be as recommended by the manufacturer of the membrane system and approved by the Engineer.

No traffic or equipment except that required for the actual waterproofing and paving operations will be permitted to travel or rest on the membrane waterproofing until it is covered by the HMA overlay.

HMA Overlay
The membrane manufacturer's recommendations shall be thoroughly considered in the application of the HMA overlay particularly as to the type of paving machine, laydown temperature of the HMA, protection of membrane while paving, rolling temperature and technique, and other items unique to each membrane. Differences in application procedure shall be resolved by the Engineer and the Engineer's decision shall be final. Vibratory rollers shall not be used on bridge decks.

6-08.4 Measurement (GSP)
Section 6-08.4 is supplemented with the following:

(March 6, 2000)
Membrane waterproofing will be measured by the square yard of the bridge deck and curb which is satisfactorily sealed and accepted.

6-08.3 Payment (GSP)
Section 6-08.5 is supplemented with the following:

Payment will be made in accordance with Section 1-04.1 for the following bid item:

(August 2, 2004)
"Membrane Waterproofing (Deck Seal)", per square yard.

The unit contract price per square yard for "Membrane Waterproofing (Deck Seal)" shall be full pay for performing the work as specified, including repairing any damaged or defective waterproofing membrane and damaged HMA overlay.

DIVISION 7
DRAINAGE STRUCTURES, STORM SEWERS, SANITARY SEWERS, WATER MAINS, AND CONDUITS

SECTION 7-05 MANHOLES, INLETS, CATCH BASINS, AND DRYWELLS

7-05.2 Materials
This Section is supplemented with the following:

(******, G&O)

Ring and Cover
All manholes shall be furnished with ring and solid cover, unless noted otherwise on the Plans.

Castings for rings shall be ductile iron conforming to the requirements of ASTM A48/AASHTO
M105, Grade 30B. Covers shall be ductile iron conforming to the requirements of ASTM A536, Grade 80-55-06. All castings shall have a design wheel loading conforming to AASHTO/ASTM A16 design loading HS20-44. All castings shall be of uniform quality, free from blowholes, porosity, shrinkage distortion, cavities, cracks, or other defects. Repair of defects will not be permitted. All mating surfaces shall be machined finished to ensure a non-rocking fit. Sanitary sewer covers shall be marked “Sewer” with cast-in, 3-inch high, APWA standard lettering. Manhole covers shall be provided with one 1-inch diameter core lift hole. Manhole rings and covers shall be as manufactured by Sather Manufacturing Company, Inc., Model No. 6024-R.

7-05.3 Construction Requirements
(June 16, 2006, G&O)

This Section is supplemented with the following:

The Contractor shall construct all manholes from precast concrete bases and risers.

All structures shall be set to line and grade and shall be set plumb.

Manhole lids shall be set flush with the existing pavement grade when the pavement is replaced.

7-05.3(3) Connections to Existing Manholes
(June 17, 2009, G&O)

This Section is supplemented with the following:

The locations, type, and size of the existing structures and lines have been determined from available records, and are approximate; however, it is anticipated that connections to these existing facilities may be made, in general, as shown on the Plans.

It shall be the responsibility of the Contractor to determine the exact location and ascertain the type and size of the existing facilities prior to starting work on each connection, and to provide any minor alterations, as required, at no additional cost to the Terrace Heights Sewer District.

Where piping is to be connected to existing structures, the opening(s) shall be core-drilled in the structure. The use of jackhammers and/or sledgehammers to knock out the hole shall not be allowed.

The Contractor shall modify existing manhole channels all as specified herein and as shown on the Plans.

7-05.4 Measurement
(June 17, 2009, G&O)

Delete the first paragraph of this Section and replace it with the following:

Measurement of Manhole, 48-Inch Diameter, Type 1 will be per each.

Measurement of Connect to Existing Manhole will be per each, regardless of the number of pipe penetrations in each manhole and their location(s) in each manhole.
7-05.5 Payment

(June 17, 2009, G&O)

Delete this Section in its entirety and replace it with the following:

“Manhole 48-Inch Diameter, Type 1", per each.
The unit price bid per each Manhole 48-Inch Diameter, Type 1 shall include all costs for the
labor, materials, tools, and equipment to furnish and install the precast concrete manhole and
appurtenances, full height, complete-in-place, to include, but not limited to, removal and
wastehaul of existing sanitary sewer pipe, Romac 501 coupling when connecting an existing
pipe to a new manhole, excavation, compacted bedding material beneath the manhole,
backfill, compaction, material testing, concrete, reinforcing steel, frame and cover, concrete
adjustment rings, concrete manhole sections, steps, non-shrink grout, manhole adapters,
removal and wastehaul of surplus excavated material, dewatering, grading, adjusting to
finished grade, and dealing with all other interferences, all as shown on the Plans and as
specified herein.

“Connect to Existing Manhole", per each.
The unit price bid per each Connect to Existing Manhole shall include all costs for the labor,
materials, tools, and equipment for connecting to the existing manhole, to include, but not be
limited to modifying manhole channels, core drilling, manhole adapters, and non-shrink grout,
all as specified herein and as shown on the Plans.

7-08 GENERAL PIPE INSTALLATION REQUIREMENTS

7-08.2 Materials

(January 8, 2008, G&O)

This Section is supplemented with the following:

Bank Run Gravel for Trench Backfill shall meet the requirements of Section 9-03.19.

7-08.3(1)A Trenches

(June 16, 2006, G&O)

Delete the second and third paragraphs under this Section and replace them with the following:

Trenches shall be of sufficient width to permit proper installation and bedding of the pipe and
to provide the required compaction of backfill.

The Contractor shall limit his excavation to the limits of the maximum payment width shown on
the Plans. If the Contractor purposely or neglectfully excavates trenches to a width beyond
the neat line payment limit of the trench as shown on the Plans, the expenses associated with
any additional trenching, wastehaul, trench backfill, compaction and testing, and surface
restoration as a result of excavating beyond the neat line payment limits shall be borne by the
Contractor.

It is not anticipated solid rock will be encountered. Should such material be encountered,
however, it will be paid for at a negotiated price. Boulders or broken rock less than two cubic
yards in volume as measured in the field by the Terrace Heights Sewer District, will not be classified as rock, nor will so-called "hard-pan", caliche, or cemented gravels. For the purposes of this Contract, rock excavation for payment shall be defined as mineral matter in place and of such hardness and texture that, when it is encountered, cannot be loosened by three passes of a ripper tooth mounted on a Caterpillar 365 excavator (or equivalent). Where rocks occur as boulders that are two cubic yards or less in volume, they shall be considered incidental to excavation.

Trench excavation shall also include wastehauling all excess and/or unsuitable material encountered, including but not limited to, abandoned pipelines, concrete, asphalt, tree stumps, trees, logs, abandoned rail ties, piling, and riprap.

The Contractor shall obtain approved grading and filling permits for all spoils material sites, from all applicable local, county, state, and federal agencies. These permits shall be secured and paid for by the Contractor at no additional cost to the Terrace Heights Sewer District.

7-08.3(1)C Bedding the Pipe

(January 8, 2008, G&O)

Supplement this Section with the following:

Delete all references to the "Standard Plan" in this Section and replace them with the details shown on the Plans.

7-08.3(2)A Survey Line and Grade

(September 8, 2008, G&O)

This Section is supplemented with the following:

Use of a taut grade line for transferring the line and grade shall not be allowed.

7-08.3(3) Backfilling

(June 16, 2006, G&O)

Delete the first sentence of this Section and replace it with the following:

Placement of pipe zone backfill shall be performed in accordance with these Specifications and the Plans.

Delete the fourth sentence of the fourth paragraph of this Section and replace it with the following:

If pipe is being placed in non-paved areas, backfill above the pipe zone shall be placed in horizontal layers no more than six inches thick and shall be compacted to 95 percent maximum density of ASTM D1557.

This Section is supplemented with the following:

From the Plans and these Specifications, it will be noted that a part of the volume excavated will be displaced by the structures, piping, bedding, etc. Such excess material and large fragments of boulders, broken pavement, etc., shall be loaded, hauled, and disposed of by the
Contractor at such a site, which meets the applicable regulations for disposal. It is the intent of these Specifications to utilize suitable excavated material where available. The Contractor shall provide evidence from a testing laboratory that any native material deemed suitable by the Contractor meets the intent of these Specifications and can be compacted to minimum requirements.

Excavated material suitable for trench backfill shall conform to the requirements of Section 9-03.15. However, the presence and location of suitable material is not guaranteed and will be as discovered in the field. If import material is required it shall be Bank Run Gravel for Trench Backfill, conforming to the requirements of Section 9-03.19.

The moisture content of the backfill material may need adjustment, prior to complying compactive efforts, so that the moisture content is uniformly distributed and within two percent of the optimum moisture, as determined by the moisture/density curves. Impact and vibratory compactors shall be operated in a manner requiring the least practical amount of pressure or weight needed to achieve maximum compaction effect without overloading, injuring, or disturbing the pipe.

All backfill of trenches and bedding material shall be placed in horizontal layers no more than six inches thick and shall be compacted to 95 percent maximum density of ASTM D1557.

There shall be at least one foot of cover over the top of the pipe before the trench is wheel-loaded and three feet of cover over the top of the pipe before the trench is mechanically compacted.

Water settling of the trench shall not be allowed.

7-08.4 Measurement

(June 16, 2006, G&O)

Delete this Section in its entirety and replace it with the following:

No measurement will be made for clearing and grubbing, removal of existing street improvements, protection of existing utilities and services, trench excavation, pipe bedding, and stockpiling, backfill, and compaction of native backfill.

Measurement for Foundation Material or Bank Run Gravel for Trench Backfill, in lieu of native material, if any, will be per cubic yard and shall be based on the computed compacted volume within the excavated trench to a maximum width, as indicated on the Plans, measured in the horizontal plane.

7-08.5 Payment

(June 16, 2006, G&O)

Delete this Section in its entirety and replace it with the following:

"Foundation Material", per cubic yard.

The unit price bid per cubic yard for Foundation Material, if any, shall include all costs for the labor, equipment, tools, and materials to furnish and place the compacted material in pipe trenches and under structures except as otherwise noted herein, and shall include the cost of
the additional excavation required in order to provide space for this material and wastehauling
of native material.

"Bank Run Gravel for Trench Backfill", per cubic yard.
The unit price bid per cubic yard for Bank Run Gravel for Trench Backfill, if any, shall include
all costs for the labor, equipment, tools, and materials to furnish and place the compacted
material in lieu of unsuitable native material and shall include the excavation and wastehaul of
unsuitable native material displaced for the installation of the bank run gravel material.

In the event the Contractor over-excavates the trench width and it becomes wider than the pay
limit shown on the Plans, all material placed outside the excavation pay limit shall be at the
Contractor's sole expense.

7-17 SANITARY SEWERS

7-17.2 Materials

(January 22, 2007, G&O)

This Section is supplemented with the following:

**Ductile Iron Pipe**

Ductile iron pipe shall be mechanical joint pipe.

Ductile iron pipe shall be Standard Thickness Class 52 pipe.

The inside of the ductile iron pipe and fittings shall be lined. Before lining, the inside of the
socket, including a portion of the gasket cavity and a portion of the pipe barrel, shall be coated
with a minimum of 8 mils of epoxy. The lining shall be SewperCoat as manufactured by
Lafarge Calcium Aluminates or approved equal. A seal coat shall be applied to the lining.

The thickness of the lining shall be a minimum of 0.125" for 8-inch pipe.

Cracks, other than closed hairline cracks and/or fine crazing, shall not be acceptable. Loose
areas of cement lining are not allowable.

The exterior of the buried pipe and pipe in contact with concrete shall be coated with an
asphaltic coating.

**Solid Wall PVC Sanitary Sewer Pipe (up to 15 inches)**
PVC sanitary sewer pipe shall meet the requirements of ASTM D3034, SDR 35.

All pipe shall be clearly marked with the date of manufacture. All pipe shall be provided with a
reference mark for proper spigot insertion. There shall be no reduction in pipe wall thickness
at the bell as a result of bell formation.

Joint gaskets shall be fabricated from a compound of which the basic polymer shall be a
flexible, elastomeric synthetic rubber, and shall meet the requirements of ASTM D3212.

**Mechanical Joint Restraint Device**
All ductile iron pipe and fittings on the bridge shall be mechanical joint pipe with a mechanical
joint restraint device. The mechanical joint restraint device shall have a working pressure of a
least 250 psi with a minimum safety factor of 2:1 and shall be Megalug as manufactured by
EBAA Iron, Inc.

All bolts, buried and unburied, shall be coated with Armite Anti-Seize compound No. 609, or
equal prior to installation.

Detectable Marking Tape
Detectable marking tape shall be installed over all sanitary sewer lines as shown on the Plans.
The tape shall be placed over the pipe as shown on the Plans and shall extend its full length.
Detectable marking tape shall be as manufactured by MAGNATEC, or equal, and shall be a
minimum of six inches in width, a minimum of five mil (0.005") overall thickness, and shall
have no less than 50 gauge (0.0005") solid aluminum foil core.

The foil shall be visible from both sides of the tape and shall be Safety Green in color to
identify buried sanitary sewer systems and shall be printed to identify same. Printing shall be
encased in the plastic jacket to avoid ink rub-off. Adhesives used to bond the plastic jacket to
the foil shall not contain any dilutants, pigments, or contaminants and shall be specifically
formulated to resist degradation by elements normally encountered in the soil.

Pipe Insulation
Pipe insulation shall be three inches of cellular glass pipe insulation and shall be Foamglas or
equal. Cellular glass insulation shall be provided with self-sealing pit wrap jacketing supplied
by the same Manufacturer. The insulation shall have zero perm-inch of permeability and less
than 0.2 percent water absorption by volume. Thermal conductivity shall be 0.3 BTU-inch per
hour/°F/ft² at 50°F. Smooth aluminum jacketing 0.016" thick as manufactured by Pabco
Metals Corp., or equal, shall be provided around the cellular glass insulation.

Loose fill insulation shall be blown in fiberglass.

Adjustable Clevis Hanger
The adjustable clevis hanger shall be made of carbon steel. The hanger shall be galvanized.
The hanger shall be Figure 260 as manufactured by Anvil International.

Pipe Roll
The pipe roll shall be made of cast iron with steel roll rod. The pipe roll shall be galvanized.
The hanger shall be Figure 171 as manufactured by Anvil International.

Universal Concrete Insert
The universal concrete insert shall be made of malleable iron. The insert shall be galvanized.
The insert shall be Figure 282 as manufactured by Anvil International.

7.17.3 Construction Requirements

(June 16, 2006, G&O)

This Section is supplemented with the following:

All pipe shall be unloaded from delivery vehicles with mechanical equipment. Dropping of
pipe onto the ground or mats will not be permitted. All pipe and fittings shall be carefully
lowered into the trench in such a way as to prevent damage to sewer main materials and
protective coatings and linings. Under no circumstances shall materials be dropped or
dumped into the trench.
All pipe shall be laid in straight lines and at uniform rate for grade between manholes. Variation in the invert elevation between adjoining ends of pipe due to non-concentricity of joining surface and pipe interior surfaces shall not exceed 1/64 inches per inch of pipe diameter, or 1/2-inch maximum.

Every precaution shall be taken to prevent foreign material from entering the pipe while it is being laid. After placing a length of pipe in the trench, the spigot end shall be centered in the bell and pipe forced home and brought to correct line and grade. The pipe shall be secured in place with pipe bedding tamped under it. Precaution shall be taken to prevent dirt from entering the joint space. At times when pipe laying is not in progress, the open ends of pipe shall be closed by a water-tight plug or other means agreed to by the Terrace Heights Sewer District. If water is in the trench when work resumes, the seal shall remain in place until the trench is dewatered as specified for groundwater control.

Care shall be taken to properly align, clean and lubricate the spigot and socket area of the pipes before joining. The pipe spigot shall be forced into the socket until the reference mark on the spigot is flush with the bell end.

All connections to existing sewer pipe of differing materials shall be made with adapters which are specifically manufactured for this purpose, and shall employ elastomeric gasket joints, unless specifically otherwise authorized by the Terrace Heights Sewer District. If the band type adapters are used, then only stainless steel bands will be allowed.

7-17.3(1) Protection of Existing Sewerage Facilities

(April 28, 2008, G&O)

This Section is supplemented with the following:

Maintaining Sewage Flow
This Section specifies the requirements for all temporary sewage pumping of wastewater flows required to construct the sewers and connect to the existing sewer system.

The owner of the Roza Canal has prohibited the spilling of sewage to the Roza Canal. The Contractor shall clean up all sewage spills in accordance with Section 1-07.15(1).

The Contractor shall provide all labor, materials, tools, equipment, and supervision required to provide temporary bypass pumping of raw sewage generally collected among the sewer pipelines within the Project site or other areas necessary to construct the new pipelines. The temporary bypass pumping shall continue for the duration of the period that each segment is out of service, from initial disruption through approval by the Terrace Heights Sewer District to place each segment back in service.

The flow in the existing sewer main in and along Hillcrest Drive is approximately 12,000 gallons per day (gpd) for the average annual flow.

The Contractor shall be responsible for determining the bypass pumping capacity required. The Contractor's pumping equipment shall be capable of handling all solids typically found in sanitary sewers, including rocks and other debris.

Submittals
At the Pre-Construction Conference, the Contractor shall submit drawings and complete design data in accordance with these Specifications showing methods and equipment the
Contractor proposes to utilize at all locations for use in maintaining sewage flow. The submittal shall include the following information:

1. An order of work and duration for maintaining sewage flow.
2. Drawing indicating the location of temporary sewer plugs and bypass discharge lines.
3. Capacities of pumps, prime movers, and standby equipment.
4. Design calculations providing adequacy of the bypassing system and selected equipment.
5. Drawings and design calculations of temporary bulkheads.
6. Traffic control plan for bypass discharge piping.

Protection
Where sewer pumping is required, the Contractor shall ensure that service is not disrupted. All bypassed flow shall be discharged as agreed to by the Terrace Heights Sewer District. No bypassing to the ground surface, receiving waters, or which results in groundwater contamination or potential health hazards shall be permitted.

Scheduling
Temporary systems for sewage pumping shall not be shut down between shifts, on holidays or weekends, or during work stoppages without permission from the Terrace Heights Sewer District.

Standby Equipment
The Contractor shall maintain on site sufficient equipment and materials to ensure continuous and successful operation of the bypass systems. Standby pumps shall be fueled and operational at all times. The Contractor shall maintain on site a sufficient number of valves, tees, elbows, connections, tools, sewer plugs, piping and other parts or system hardware to ensure immediate repair or modification of any part of the system as necessary. If electric pumps are being used, standby generators shall be available to ensure continuity of the pumping operation in the event of a power failure.

Execution
Temporary sewage pumping shall be accomplished by routing the contributing flow away from the Contractor’s work.

The Contractor shall carefully coordinate its construction activities with National Weather Forecasts to reduce the probability of high flows and/or surcharging from stormwater during construction.

The Contractor shall provide temporary pumps, conduits, and other equipment necessary to bypass the sewer flow. Contractor shall furnish the necessary labor and supervision to set up and operate the pumping and bypass system. Pumps and bypass lines shall be of adequate capacity and size to control the flows. Installation of the Contractor’s equipment shall not cause sewers to surcharge during maximum flows.

Damages
The Contractor shall repair, without cost to the Terrace Heights Sewer District, any damage that may result from inadequate or improper design, installation, maintenance, and operation of bypassing, including mechanical or electrical failures.

7-17.3(2) Cleaning and Testing

7-17.3(2)A General
This Section is supplemented with the following:

In addition to the requirements for testing the sewer pipe, all pipelines shall be visually free from leakage. If the pipe installation fails to meet these requirements, the Contractor shall determine, at his own expense, the source or sources of leakage, and he shall repair (if the extent and type of repairs proposed by the Contractor appear reasonable to the Terrace Heights Sewer District) or replace all defective materials or workmanship. The completed pipe installation shall meet the requirements of the visual test and shall meet the requirements of the air test and/or the deflection test before being considered acceptable.

All lines shall be flushed clean of all debris prior to acceptance. Water for this purpose shall be furnished by the Contractor. Disposal of the flushing water will be to a point in the existing sanitary sewer system approved by the Terrace Heights Sewer District.

7-17.3(2)B Exfiltration Test

Delete this Section in its entirety and replace with the following:

The exfiltration test method shall not be used for testing on this Project.

7-17.3(2)F Low Pressure Air Test for Sanitary Sewers Constructed of Non Air Permeable Materials

This Section is supplemented with the following:

The pipe installation shall be tested with low pressure air immediately following cleaning and flushing. Air shall be slowly supplied to the plugged pipe installation until the internal air pressure reaches 4.0 psi greater than the average back pressure of any ground water that may submerge the pipe. At least two minutes shall be allowed for temperature stabilization before proceeding further. After the internal air temperature stabilizes, the pressure in the pipe shall be bled down to 3-1/2 psi above the average back pressure of groundwater above the centerline of the pipe. The Contractor shall be responsible for coordinating and providing for rerouting existing sewage flow around the test area as necessary.

7-17.3(2)H Television Inspection

Delete this Section and replace it with the following:

All sanitary sewer lines shall be inspected by the use of a television camera prior to paving activities and before final acceptance. The Contractor shall bear all costs incurred in correcting any deficiencies found during the television inspection, including the cost of any additional television inspection that may be required by the Terrace Heights Sewer District to verify the correction of any deficiency. The Contractor shall be responsible for all costs incurred in any television inspection performed solely for the benefit of the Contractor. The
television inspection shall include a verbal and written narrative indicating construction
deficiencies, side sewer connections, and items of note. The Contractor shall forward one
copy of the television inspection and written log to the Terrace Heights Sewer District within
one week of completing the inspection. The Contractor shall inform the Terrace Heights
Sewer District one week prior to scheduling the television inspection(s).

7-17.4 Measurement

(June 16, 2006, G&O)

Delete this Section in its entirety and replace it with the following:

Measurement of PVC Sanitary Sewer Pipe and Fittings, 8-Inch Diameter, Including Bedding
Material will be per lineal foot along the centerline of the pipe and shall be made in the
horizontal plane with no allowance for slope.

Measurement of DI Sanitary Sewer Pipe and Fittings, 8-Inch Diameter, Including Bedding
Material will be per lineal foot along the centerline of the pipe and shall be made in the
horizontal plane with no allowance for slope.

Measurement of DI Sanitary Sewer Pipe and Fittings, 8-Inch Diameter, Bridge Crossing will be
per lineal foot along the centerline of the pipe and shall be made in the horizontal plane with
no allowance for slope.

No specific unit of measurement will apply to the lump sum item Maintaining Sewage Flow.

There will be no specific unit of measure for testing sewer pipe. The testing of sewer pipes
shall be included in the unit prices bid for the various sizes and types of pipe as found in the
Proposal.

7-17.5 Payment

(June 16, 2006, G&O)

Delete this Section in its entirety and replace it with the following:

"PVC Sanitary Sewer Pipe and Fittings, 8-Inch Diameter, Including Bedding Material", per
lineal foot.
The unit price bid per lineal foot for PVC Sanitary Sewer Pipe and Fittings, 8-Inch Diameter,
Including Bedding Material shall include all costs for the labor, materials, tools, and equipment
to furnish and install the PVC sewer pipe and fittings, complete in-place, to include, but not be
limited to, excavation, backfill, compaction, material testing, removal and disposal of surplus
excavated materials, dewatering, removal and wastehaul of abandoned pipes and
appurtenances, compacted pipe bedding material, sanitary sewer pipe, fittings, flushing,
cleaning, testing, television inspection, detectable marking tape, concrete plugs for abandoned
pipe, waste hauling, grading, and dealing with all other interferences, all as shown on the
Plans and as specified herein.

"DI Sanitary Sewer Pipe and Fittings, 8-Inch Diameter, Including Bedding Material", per lineal
foot.
The unit price bid per lineal foot for DI Sanitary Sewer Pipe and Fittings, 8-Inch Diameter,
Including Bedding Material shall include all costs for the labor, materials, tools, and equipment
to furnish and install the ductile iron sewer pipe and fittings, complete in-place, to include, but
not be limited to, excavation, backfill, compaction, material testing, removal and disposal of
surplus excavated materials, dewatering, removal and wastehaul of abandoned pipes and
appurtenances, compacted pipe bedding material, sanitary sewer pipe, fittings, flushing,
cleaning, testing, television inspection, detectable marking tape, concrete plugs for abandoned
pipe, waste hauling, grading, and dealing with all other interferences, all as shown on the
Plans and as specified herein.

"DI Sanitary Sewer Pipe and Fittings, 8-Inch Diameter, Bridge Crossing", per lineal foot.
The unit price bid per lineal foot for DI Sanitary Sewer Pipe and Fittings, 8-Inch Diameter,
Bridge Crossing shall include all costs for the labor, materials, tools, and equipment to furnish
and install the ductile iron sewer pipe and fittings on the bridge, between abutments, complete
in-place, to include, but not be limited to, material testing, removal and disposal of existing
pipe and appurtenances on the existing bridge, sanitary sewer pipe, fittings, mechanical joint
restraints, all pipe support systems, utility hangers and all associated hardware, pipe
penetrations through the concrete abutments, pipe insulation, loose fill insulation, stainless
steel bands, aluminum jacket, flushing, cleaning, testing, television inspection, waste hauling,
and dealing with all other interferences, all as shown on the Plans and as specified herein.

"Maintaining Sewage Flow", lump sum.
The lump sum price bid for Maintaining Sewage Flow shall include all costs for the labor,
materials, tools, and equipment for carrying out the work required to successfully transfer
sewage flows around the construction area, to include, but not limited to, bypass pumping,
pipe installation as specified herein, piping and piping connections, temporary connections (if
any), temporary manholes (if any), temporary tees, couplings, and fittings (if any), pumping
equipment, stand-by equipment, fuel, operator's labor, removal of all temporary equipment
and materials, and dealing with all other interferences, all as shown on the Plans and as
specified herein.

SECTION 7-20 PIPE AND CONDUIT SUPPORT SYSTEMS (NEW SECTION)

(September 16, 2011, G&O)

7-20.1 Description

This Work consists of furnishing and installing pipe and conduit hangers, brackets, and
supports. Pipe and conduit support systems shall be furnished complete with all necessary
inserts, bolts, nuts, rods, washers, structural attachments, and other accessories as shown on
the Plans and as specified herein.

7-20.1(1) References

All pipe and conduit support materials and methods shall conform to the latest, applicable
requirements of documents listed hereafter. In case of conflict between this section and the listed
documents, the requirements of this Section shall prevail.

ANSI A13.1 Piping and Piping System
ANSI B31.1 Power Piping
ASME Boiler and Pressure Vessel Code
ANSI/MSS SP-58 Pipe Hangers and Supports C Materials, Design and Manufacture
ANSI/MSS SP-69 Pipe Hangers and Supports C Selection and Application
SMACNA Seismic Restraint Manual C Guidelines for Mechanical Systems
UPC Uniform Plumbing Code
7-20.2 Materials

7-20.2(1) General

The Contractor shall design, provide, and install pipe and conduit support systems, which include hangers, brackets, supports, anchors, expansion joints, and structural attachments. The support system shall be pipe rack, trapeze pipe hangers or individual pipe clamps, hangers, supports and structural attachments as specified herein. The support system shall be designed in conjunction with the pipe and conduit to be supported. Seismic restraints shall be provided in accordance with SMACNA Manual as referenced herein.

In certain locations, pipe supports, anchors, and expansion joints have been indicated on the Plans, but no attempt has been made to indicate every pipe support, anchor, and expansion joint. It shall be the Contractor’s responsibility to provide a complete system of pipe and conduit supports. Pipe support schedule under Section 7-20.2(6) sets forth minimum requirements for pipe supports.

7-20.2(2) Pipe Racks and Trapeze Hangers

Pipe and conduit racks and trapeze hangers shall be constructed of galvanized steel channels, rods, posts, post base, clamps, brackets, fittings, and accessories for supporting pipes in equipment and pump rooms. All components for pipe and conduit rack and trapeze shall be Unistrut or equal.

7-20.2(3) Pipe Clamps and Hangers

In areas where pipe racks and trapezes are not used, pipe shall be supported with clamp hangers and stanchion saddle support system. The clamps and hangers shall be fastened to threaded rods hanging from structural attachments. Pipe supports shall be selected for the size and type of pipe to which they are applied. Strap hangers will not be acceptable. Threaded rods shall have sufficient threadng to permit the maximum adjustment available in the support item.

All pipe clamps and hangers, including all accessories, shall be galvanized steel for indoor use and 316 stainless steel for outdoor use and submerged application.

7-20.2(4) Structural Attachments

Structural attachments shall be concrete insert channels or individual inserts for new concrete, surface-mounted channel or individual inserts for existing concrete or where applicable, steel, roof plate supported attachments in the control building, complete with all accessories required. All structural attachments including all accessories shall be galvanized steel for indoor use and stainless steel for outdoor use, and shall be provided by a single manufacturer.

7-20.2(5) Protection Saddles

Protection saddles shall be used for protecting pipe insulation against damage at pipe supports or as shown on the Plans. The nominal thickness of covering shall be the same as that of pipe insulation. The protection saddles shall be curved carbon steel plate and shall be ITT Grinnell Figure 164 or equal.

7-20.2(6) Spacing
Maximum support spacing shall conform to the following table:

<table>
<thead>
<tr>
<th>Pipe Size Inches</th>
<th>Pipe Material</th>
<th>Maximum Spacing Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; &amp; Smaller</td>
<td>Iron or Steel</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Copper</td>
<td>4-1/2 continuous</td>
</tr>
<tr>
<td></td>
<td>Plastic</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tubing</td>
<td>continuous</td>
</tr>
<tr>
<td>1-1/4 to 2&quot;</td>
<td>Iron or Steel</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Copper or Plastic</td>
<td>5</td>
</tr>
<tr>
<td>2-1/2 to 4&quot;</td>
<td>Iron or Steel</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Copper or Plastic</td>
<td>6</td>
</tr>
<tr>
<td>6 to 8&quot;</td>
<td>Iron or Steel</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Plastic</td>
<td>8</td>
</tr>
</tbody>
</table>

7-20.3 Construction Requirements

7-20.3(1) Design

Pipe and conduit support systems shall be designed in accordance with applicable reference standards specified in Section 7-20.1(1). Pipe and conduit supports shall be designed and selected to withstand seismic loads for UBC Zone 3 and shall adhere to the following:

A. Weight balance calculations shall be made to determine the required supporting force at each pipe support location and the pipe weight at each equipment location. Design loads for inserts, clamps, and other support items shall not exceed the manufacturer's recommended loads.

B. Pipe supports shall be able to support the pipe in all conditions of operation. They shall allow free expansion and contraction of the piping, and prevent excessive stress resulting from transferred weight being induced into the pipe or connected equipment. Allow clearances for pipe expansion and contraction.

C. Wherever possible, pipe attachments for horizontal piping shall be pipe clamps, or as shown on the pipe support detail sheet. Horizontal or vertical pipes should be supported preferably at locations of least vertical movement.

D. All pipe supports shall provide a means or vertical adjustment after erection.

E. Where practical, riser pipe shall be supported independently of the connected horizontal piping. Pipe support attachments to the riser piping shall be riser clamps.

7-20.3(2) Installation

Pipe support system shall be installed strictly in accordance with standards and codes referenced in Section 7-20.1(1) and piping support system manufacturer and piping manufacturer's recommendations.

All piping shall be rigidly support and anchored so that there is no movement or visible sagging between supports.
Contact between dissimilar metals, including contact between stainless steel and carbon steel, shall be prevented. Supports for brass or copper pipe or tubing shall be copper-plated. Those portions of pipe supports, which contact other dissimilar metals, shall be rubber or vinyl coated.

Anchorage shall be provided to resist thrust due to temperature changes, changes in diameter or direction, or dead-ending. Anchors shall be located as required to force expansion and contract movement to occur at expansion joints, loops, or elbows, and as required to prevent excessive bending stresses and opening of mechanical couplings. Anchorage for temperature changes shall be centered between elbows and mechanical joints used as expansion joints. Anchorage for bellows type expansion joints may be located adjacent to the joint.

Pipe supports and expansion joints are not required in buried piping, but concrete thrust blocking or other approved anchorage shall be provided as indicated on the Plans or specified in other Sections.

7-20.4 Measurement

Measurement of DI Sanitary Sewer Pipe and Fittings, 8-Inch Diameter, Bridge Crossing will be per lineal foot along the centerline of the pipe and shall be made in the horizontal plane with no allowance for slope.

7-20.5 Payment

“DI Sanitary Sewer Pipe and Fittings, 8-Inch Diameter, Bridge Crossing”, per lineal foot. The unit price bid per lineal foot for DI Sanitary Sewer Pipe and Fittings, 8-Inch Diameter, Bridge Crossing shall include all costs for the labor, materials, tools, and equipment to furnish and install all pipe support systems, utility hangers and all associated hardware, waste hauling, and dealing with all other interferences, all as shown on the Plans and as specified herein.

DIVISION 8
MISCELLANEOUS CONSTRUCTION

8-01 EROSION CONTROL AND WATER POLLUTION CONTROL

8-01.1 Description

Section 8-01.1 is supplemented with the following:

(*****)

This work shall consist of furnishing, installing, and maintaining stormwater pollution prevention facilities and erosion control facilities, and implementing procedures and measures that prevent sediment-laden runoff and other pollutants from discharging from the construction site. This work consists of temporary measures and activities described in the project Temporary Erosion and Sediment Control Plan in Appendix C.

8-01.3 Construction Requirements

8-01.3(1) General

The tenth paragraph of Section 8-01.3(1) is revised to read:
Erodible Soil Eastern Washington
Erodible soil not being worked whether at final grade or not, shall be covered within the following time period using an approved soil cover practice:

July 1 through September 30            30 days
October 1 through June 30             15 days

8-01.3(17) Protection of Surfacewaters

Section 8-01.3(17) is new section:

(******)
Sediment-laden runoff and other pollutants are to be prevented from discharging from the construction site and entering surface waters or properties located downstream, in accordance with City and State requirements. The Contractor shall implement all measures necessary for stormwater pollution prevention throughout the duration of construction and until the site is stabilized.

The temporary erosion control structures and stormwater pollution prevention measures shall remain in-place until the site is stabilized, at which time the Contractor shall remove the temporary structures and measures.

8-01.4 Measurement

Section 8-01.4 is supplemented as follows:

(******)
No measurement will be made for periodically removing sediment and debris from ESC BMPs.

8-18 MAILBOX SUPPORT

8-18.4 Measurement

Section 8-18.4 is replaced with the following:

(******)
A single mailbox support with a mailbox and paperbox exists within the project limits. No bid item is given and no measurement shall be made for any necessary relocation to maintain the mailbox/paperbox usefulness. Any relocation is incidental to the project work.

8-18.5 Payment

Section 8-18.5 is replaced with the following:

(******)
A single mailbox support with a mailbox and paperbox exists within the project limits. No bid item is given and no payment shall be made for any necessary relocation to maintain the mailbox/paperbox usefulness. Any relocation is incidental to the project work.
MATERIALS

9-03  AGGREGATES

9-03.12(3)  Gravel Backfill for Pipe Bedding Zone
(January 22, 2007, G&O)

This Section is supplemented with the following:

Bedding material for sanitary sewer pipe shall be clean sand/gravel mixture free from organic matter and conforming to the following gradation:

<table>
<thead>
<tr>
<th>Sieve Size</th>
<th>Percent Passing</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4&quot; Square</td>
<td>100</td>
</tr>
<tr>
<td>3/8&quot; Square</td>
<td>70 – 100</td>
</tr>
<tr>
<td>U.S. No. 4</td>
<td>55 – 100</td>
</tr>
<tr>
<td>U.S. No. 10</td>
<td>35 – 95</td>
</tr>
<tr>
<td>U.S. No. 20</td>
<td>20 – 80</td>
</tr>
<tr>
<td>U.S. No. 40</td>
<td>10 – 55</td>
</tr>
<tr>
<td>U.S. No. 100</td>
<td>0 – 10</td>
</tr>
<tr>
<td>U.S. No. 200</td>
<td>0 – 3</td>
</tr>
</tbody>
</table>

All percentages are by weight. Native material shall not be used for pipe bedding.

APPENDICES

(January 2, 2012)
The following appendices are attached and made a part of this contract:

APPENDIX A – REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS

APPENDIX B - PREVAILING WAGE RATES
Federal Wage Determinations for Highway Construction
Washington State - Yakima County
Benefit Code Key
Supplement to Wage Rates

APPENDIX C – TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

APPENDIX D – GEOTECHNICAL BORING LOGS

APPENDIX E – STANDARD PLANS

STANDARD PLANS

(April 2, 2012)
Standard Plans

The State of Washington Standard Plans for Road, Bridge and Municipal Construction M21-01 transmitted under Publications Transmittal No. PT 11-036, effective April 2, 2012 is made a part of this contract.

The Standard Plans are revised as follows:
B-10.20 and B10.40
Substitute "step" in lieu of "handhold" on plan

C-14a
SECTION B, callout – 1½" PVC CONDUIT (TYP.) is revised to read: 1¼" PVC CONDUIT (TYP.)
callout (mark) 8 #9 ~ 36" (TYP.) is revised to read: callout (mark) 8 #8 ~ 36" (TYP.) EPOXY BAR
EXPANSION JOINT DETAIL, callout (mark) W #9 (epoxy coated symbol) ~ 36" (TYP.) is revised
to read: callout (mark) 8 #8 (epoxy coated symbol) ~ 36" (TYP.)

C-23.60
Note 4. For anchor post assembly details, see Standard Plan C-1b. Use detail on this plan for
wood breakaway post. (No block on this post)

Is revised as follows:

Note 4. For anchor post assembly details, refer to standard plan C-1b for Sim. Installation, with
the exception of using the wood breakaway post detail, this plan. (No block on this post). Typical
for both steel or wood guardrail runs.

G-24.40
Existing callout – CORNER BOLT (TYP.)
New callout – CORNER BOLT OR SHOULDER BOLT (TYP.)

I-30.50
Deleted

J-1f
Note 2, reference to J-7d is revised to J-15.15
References to J-9a (3 instances) are revised to J-60.05

J-3b
Sheet 2 of 2, Plan View of Service Cabinet, Boxed Note, "SEE STANDARD PLAN J-6C..." is
revised to read: "SEE STANDARD PLAN J-10.10..."
Sheet 2 of 2, Plan View of Service Cabinet Notes, references to Std. Plan J-9a are revised to J-
60.05 (3 instances).

J-7c
Note 3, reference to J-7d is revised to J-15.15

J-16b
Key Note 1, reference to J-16a is revised to J-40.36

J-16c
Key Note 1, reference to J-16a is revised to J-40.36

J-20.10
Sheet 2, 2-Way Mounting Angle Detail,
Dimension 1.625" is revised to 1.8125"
Dimension 2.375" is revised to 2.1875"

J-75.40
Monotube Sign Structure, elevation, callout – EQUIPMENT GROUNDING CONDUCTOR ~ SIZE
PER NEC. MINIMUM SIZE # 8
Is revised to read: EQUIPMENT GROUNDING CONDUCTOR ~ SIZE PER NEC minimum size #4 AWG

Detail C, callout ~ EQUIPMENT GROUNDING CONDUCTOR ~ CLAMP TO STEEL REINFORCING BAR, SIZE PER NEC MIN. SIZE #8

Is revised to read: EQUIPMENT GROUNDING CONDUCTOR ~ CLAMP TO STEEL REINFORCING BAR, SIZE PER NEC MINIMUM SIZE #8

Is revised to read:

EQUIPMENT GROUNDING CONDUCTOR ~ SIZE PER NEC minimum size #4 AWG

Detail D, callout ~ EQUIPMENT GROUNDING CONDUCTOR ~ CLAMP TO STEEL REINFORCING BAR, SIZE PER NEC MIN. SIZE #8

Is revised to read:

EQUIPMENT GROUNDING CONDUCTOR ~ CLAMP TO STEEL REINFORCING BAR, SIZE PER NEC minimum size #4 AWG

K-80.30
In the NARROW BASE, END view, the reference to Std. Plan C-8e is revised to Std. Plan K-80.35

L-20.10, Sheet 1
Delete all references to tension cable and substitute tension wire. Add knuckled selvage is required on the top edge of the fence fabric.

L-20.10, Sheet 2
Delete all references to tension cable and substitute tension wire. All rope thimbles, wire rope clips and seizing are not required.

L-30.10, Sheet 1
Delete all references to tension cable and substitute tension wire.

L-30.10, Sheet 2
Delete all references to tension cable and substitute tension wire. All rope thimbles, wire rope clips and seizing are not required.

The following are the Standard Plan numbers applicable at the time this project was advertised. The date shown with each plan number is the publication approval date shown in the lower right-hand corner of that plan. Standard Plans showing different dates shall not be used in this contract.

A-10.10-00........8/7/07 A-30.35-00........10/12/07 A-50.20-01........9/22/09
A-10.20-00........10/5/07 A-40.00-00........8/11/09 A-50.30-00........11/17/08
A-10.30-00........10/5/07 A-40.10-02........6/2/11 A-50.40-00........11/17/08
A-20.10-00........8/31/07 A-40.15-00........8/11/09 A-60.10-01........10/14/09
A-30.10-00........11/8/07 A-40.20-00........9/20/07 A-60.20-02........6/2/11
A-30.15-00........11/8/07 A-40.50-01........6/2/11 A-60.30-00........11/8/07
A-30.30-01......6/16/11  A-50.10-00......11/17/08  A-60.40-00........8/31/07
B-5.20-01........6/16/11  B-30.50-00........6/01/06  B-75.20-01........6/10/08
B-5.40-01........6/16/11  B-30.70-02........6/16/11  B-75.50-01........6/10/08
B-5.60-01........6/16/11  B-30.80-00........6/8/06  B-75.60-00........6/8/06
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C-1d.................10/31/03  C-6d..................5/30/97  C-20.40-02.........6/16/11
C-2..................1/6/00  C-6f..................7/25/97  C-20.42-02.........6/16/11
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C-2e.................6/21/06  C-8b..................6/27/11  C-22.45.00........6/16/11
C-2f.................3/14/97  C-8e..................2/1/07  C-23.60-01.........10/14/09
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C-2n.................7/27/01  C-13c.................7/3/08  C-28.40-01.........6/16/11
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HILLCREST DRIVE BRIDGE NO. 160 – BRIDGE REPLACEMENT PROJECT
COUNTY PROJECT NO. C 3376 / FEDERAL AID PROJECT NO. BRS-4617(001)
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HILLCREST DRIVE BRIDGE NO. 160 - BRIDGE REPLACEMENT PROJECT
COUNTY PROJECT NO. C 3376 / FEDERAL AID PROJECT NO. BRS-4617(001)

SPECIAL PROVISIONS

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APPENDIX A

REQUIRED CONTRACT PROVISIONS FEDERAL AID CONSTRUCTION CONTRACTS
REQUIRED CONTRACT PROVISIONS
FEDERAL-AID CONSTRUCTION CONTRACTS

I. General
II. Nondiscrimination
III. Nonsegregated Facilities
IV. Davis-Bacon and Related Act Provisions
V. Contract Work Hours and Safety Standards Act Provisions
VI. Subletting or Assigning the Contract
VII. Safety; Accident Prevention
VIII. False Statements Concerning Highway Projects
IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
X. Compliance with Governmentwide Suspension and Debarment Requirements
XI. Certification Regarding Use of Contract Funds for Lobbying

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents; however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of $10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27, and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding $10,000, the Standard Federal Equal Employment Opportunity Contract Speciﬁcations in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (29 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under
this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless procured by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are
applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 25 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 25 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on Form FHWA-1391. The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor
will be required to collect and report training data. The employment data should reflect the workforce on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of $10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sex.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding $2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates contained under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b. (1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers of mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or
will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriately determined pursuant to paragraphs 1 b.2) or 1.1.3 of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

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

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

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amounts of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1b.3(2)(3)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1b.3(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b. (1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee’s social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for use for the Wage and Hour Division Web site at http://www.dol.gov/whd/forms/w347.htm or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency.

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

(i) That the payroll for the payroll period contains the information required to be provided under §5.5(a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5(a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

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

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.
(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

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

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

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

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringe shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.
d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of $100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.5. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

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

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

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

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

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

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

10. Certification of eligibility.

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor’s firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

   a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

      (1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;
      (2) the prime contractor remains responsible for the quality of the work of the leased employees;
      (3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and
      (4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

   b. "Specially Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintending or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned, or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:
"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-Aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.

2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost $25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1. Instructions for Certification – First Tier Participants:

   a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

   b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the $25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (https://www.epis.gov/), which is compiled by the General Services Administration.
i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

* * * * *

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

   (1) Are not presently debarred, suspended, or proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

   (2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

   (3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

   (4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost $25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contractor). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the $25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (https://www.epis.gov/), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the
department or agency with which this transaction originated
may pursue available remedies, including suspension and/or
debarment.

* * * * *

Certification Regarding Debarment, Suspension,
Ineligibility and Voluntary Exclusion—Lower Tier
Particippants:

1. The prospective lower tier participant certifies, by
submission of this proposal, that neither it nor its principals is
presently debarred, suspended, proposed for debarment,
declared ineligible, or voluntarily excluded from participating in
covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to
certify to any of the statements in this certification, such
prospective participant shall attach an explanation to this
proposal.

* * * * *

XI. CERTIFICATION REGARDING USE OF CONTRACT
FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction
contracts and to all related subcontracts which exceed
$100,000 (49 CFR 20).

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

   a. No Federal appropriated funds have been paid or will be
      paid, by or on behalf of the undersigned, to any person for
      influencing or attempting to influence an officer or employee of
      any Federal agency, a Member of Congress, an officer or
      employee of Congress, or an employee of a Member of
      Congress in connection with the awarding of any Federal
      contract, the making of any Federal grant, the making of any
      Federal loan, the entering into of any cooperative agreement,
      and the extension, continuation, renewal, amendment, or
      modification of any Federal contract, grant, loan, or
      cooperative agreement.

   b. If any funds other than Federal appropriated funds have
      been paid or will be paid to any person for influencing or
      attempting to influence an officer or employee of any Federal
      agency, a Member of Congress, an officer or employee of
      Congress, or an employee of a Member of Congress in
      connection with this Federal contract, grant, loan, or
      cooperative agreement, the undersigned shall complete and
      submit Standard Form-LLL, "Disclosure Form to Report
      Lobbying," in accordance with its instructions.

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

3. The prospective participant also agrees by submitting its
bid or proposal that the participant shall require that the
language of this certification be included in all lower tier
subcontracts, which exceed $100,000 and that all such
recipients shall certify and disclose accordingly.
ATTACHMENT A - EMPLOYMENT AND MATERIALS PREFERENCE FOR APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS ROAD CONTRACTS

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

   a. To the extent that qualified persons regularly residing in the area are not available.

   b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

   c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.
APPENDIX B

PREVAILING WAGE RATES

Federal Wage Determinations for Highway Construction
Washington State – Yakima County
Benefit Code Key
Supplement to Wage Rates
General Decision Number: WA120001 07/20/2012 WA1

Superseded General Decision Number: WA20100001

State: Washington

Construction Type: Highway

Counties: Washington Statewide.

HIGHWAY (Excludes D.O.E. Hanford Site in Benton and Franklin Counties)

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CARP0001-008 09/01/2009

Carpenters:
COLUMBIA RIVER AREA - ADAMS, BENTON, COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, FRANKLIN, GRANT, OKANOGAN (EAST OF THE 120TH MERIDIAN) AND WALLA WALLA COUNTIES

GROUP 1: $ 27.73  10.56
GROUP 2: $ 29.73  10.56
GROUP 3: $ 28.00  10.56
GROUP 4: $ 27.73  10.56
GROUP 5: $ 63.50  10.56
GROUP 6: $ 30.75  10.56
GROUP 7: $ 31.75  10.56
GROUP 8: $ 28.00  10.56
GROUP 9: $ 33.75  10.56

WA120001 Modification 13
Federal Wage Determinations for Highway Construction
SPOKANE AREA: ASOTIN, GARFIELD, LINCOLN, PEND OREILLE, SPOKANE, STEVENS AND WHITMAN COUNTIES

GROUP 1:...........................$ 26.06 10.56
GROUP 2:...........................$ 28.06 10.56
GROUP 3:...........................$ 26.32 10.56
GROUP 4:...........................$ 26.06 10.56
GROUP 5:...........................$ 60.14 10.56
GROUP 6:...........................$ 29.07 10.56
GROUP 7:...........................$ 30.07 10.56
GROUP 8:...........................$ 27.32 10.56
GROUP 9:...........................$ 33.07 10.56

CARPENTER & DIVER CLASSIFICATIONS:

GROUP 1: Carpenter
GROUP 2: Millwright, machine erector
GROUP 3: Piledriver - includes driving, pulling, cutting, placing collars, setting, welding, or creosote treated material, on all piling
GROUP 4: Bridge carpenters
GROUP 5: Diver Wet
GROUP 6: Diver Tender, Manifold Operator, ROV Operator
GROUP 7: Diver Standby, Bell/Vehicle or Submersible operator
   Not Under Pressure
GROUP 8: Assistant Tender, ROV Tender/Technician
GROUP 9: Manifold Operator-Mixed Gas

ZONE PAY:
ZONE 1  0-40 MILES  FREE
ZONE 2  41-65 MILES  $2.25/PER HOUR
ZONE 3  66-100 MILES  $3.25/PER HOUR
ZONE 4  OVER 100 MILES  $4.75/PER HOUR

DISPATCH POINTS:
CARPENTERS/MILLWRIGHTS: PASCO (515 N Neel Street) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS/FILEDRIVER: SPOKANE (127 E. AUGUSTA AVE.) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS: WENATCHEE (27 N. CHELAN) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS: COEUR D' ALENE (1839 N. GOVERNMENT WAY) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS: MOSCOW (302 N. JACKSON) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

WA120001 Modification 13
Federal Wage Determinations for Highway Construction
DEPTH PAY FOR DIVERS BELOW WATER SURFACE:
50-100 feet $2.00 per foot
101-150 feet $3.00 per foot
151-220 feet $4.00 per foot
221 feet and deeper $5.00 per foot

PREMIUM PAY FOR DIVING IN ENCLOSURES WITH NO VERTICAL ASCENT:
0-25 feet Free
26-300 feet $1.00 per Foot

SATURATION DIVING:
The standby rate applies until saturation starts. The saturation diving rate applies when divers are under pressure continuously until work task and decompression are complete. The diver rate shall be paid for all saturation hours.

WORK IN COMBINATION OF CLASSIFICATIONS:
Employees working in any combination of classifications within the diving crew (except dive supervisor) in a shift are paid in the classification with the highest rate for that shift.

HAZMAT PROJECTS:

Anyone working on a HAZMAT job (task), where HAZMAT certification is required, shall be compensated at a premium, in addition to the classification working in as follows:

LEVEL D + $.25 per hour - This is the lowest level of protection. No respirator is used and skin protection is minimal.

LEVEL C + $.50 per hour - This level uses an air purifying respirator or additional protective clothing.

LEVEL B + $.75 per hour - Uses same respirator protection as Level A. Supplied air line is provided in conjunction with a chemical "splash suit".

LEVEL A +$1.00 per hour - This level utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line.
SOUTHWEST WASHINGTON: CLARK, COWLITZ, KLICKITAT, LEWIS (Piledriver only), PACIFIC (South of a straight line made by extending the north boundary line of Wahkiakum County west to Willapa Bay to the Pacific Ocean), SKAMANIA AND WAHKIAKUM COUNTIES and INCLUDES THE ENTIRE PENINSULA WEST OF WILLAPA BAY

SEE ZONE DESCRIPTION FOR CITIES BASE POINTS

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DEPTH PAY:
50 TO 100 FEET $1.00 PER FOOT OVER 50 FEET
101 TO 150 FEET $1.50 PER FOOT OVER 101 FEET
151 TO 200 FEET $2.00 PER FOOT OVER 151 FEET

Zone Differential (Add up Zone 1 rates):
Zone 2 - $0.85
Zone 3 - 1.25
Zone 4 - 1.70
Zone 5 - 2.00
Zone 6 - 3.00

BASEPOINTS: ASTORIA, LONGVIEW, PORTLAND, THE DALLES, AND VANCOUVER, (NOTE: All dispatches for Washington State Counties: Cowlitz, Wahkiakum and Pacific shall be from Longview Local #1707 and mileage shall be computed from that point.)

ZONE 1: Projects located within 30 miles of the respective city hall of the above mentioned cities
ZONE 2: Projects located more than 30 miles and less than 40 miles of the respective city of the above mentioned cities
ZONE 3: Projects located more than 40 miles and less than 50 miles of the respective city of the above mentioned cities
ZONE 4: Projects located more than 50 miles and less than 60 miles of the respective city of the above mentioned cities.
ZONE 5: Projects located more than 60 miles and less than 70 miles of the respective city of the above mentioned cities
ZONE 6: Projects located more than 70 miles of the respected city of the above mentioned cities
Carpenters:
CENTRAL WASHINGTON:
CHELAN, DOUGLAS (WEST OF
THE 120TH MERIDIAN),
KITTITAS, OKANOGAN (WEST
OF THE 120TH MERIDIAN) AND
YAKIMA COUNTIES
CARPENTERS ON CREOSOTE
MATERIAL .................. $ 35.49 12.60
CARPENTERS ................. $ 35.39 12.60
DIVERS TENDER ............. $ 39.15 12.60
DIVERS ..................... $ 87.20 12.60
MILLWRIGHT AND MACHINE
ERECTORS .................. $ 36.39 12.60
PILEDRIVER, DRIVING,
PULLING, CUTTING, PLACING
COLLARS, SETTING, WELDING
OR CREOSOTE TREATED
MATERIAL, ALL FILING......$ 35.59 12.60

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - ALL
CLASSIFICATIONS EXCEPT MILLWRIGHTS AND PILEDRIVERS

Hourly Zone Pay shall be paid on jobs located outside of the
free zone computed from the city center of the following
listed cities:

Seattle    Olympia    Bellingham
Auburn     Bremerton  Anacortes
Renton     Shelton    Yakima
Aberdeen-Hoquiam Tacoma    Wenatchee
Ellensburg Everett    Port Angeles
Centralia  Mount Vernon Sunnyside
Chelan     Pt. Townsend

Zone Pay:
0 -25 radius miles Free
26-35 radius miles $1.00/hour
36-45 radius miles $1.15/hour
46-55 radius miles $1.35/hour
Over 55 radius miles $1.55/hour

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - MILLWRIGHT
AND PILEDRIVER ONLY)

Hourly Zone Pay shall be computed from Seattle Union Hall,
Tacoma City center, and Everett City center

Zone Pay:
0 -25 radius miles Free
26-45 radius miles $.70/hour
Over 45 radius miles $1.50/hour

WA120001 Modification 13
Federal Wage Determinations for Highway Construction
Carpenters:

WESTERN WASHINGTON:
CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS (excludes piledrivers only), MASON, PACIFIC (North of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES

<table>
<thead>
<tr>
<th></th>
<th>Rates</th>
<th>Fringes</th>
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</thead>
<tbody>
<tr>
<td>BRIDGE CARPENTERS</td>
<td>$35.39</td>
<td>13.08</td>
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<tr>
<td>CARPENTERS ON CREOSOTE</td>
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<td>MATERIAL</td>
<td>$35.49</td>
<td>13.08</td>
</tr>
<tr>
<td>CARPENTERS</td>
<td>$35.39</td>
<td>13.08</td>
</tr>
<tr>
<td>DIVERS TENDER</td>
<td>$39.15</td>
<td>13.08</td>
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<tr>
<td>DIVERS</td>
<td>$87.20</td>
<td>13.08</td>
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<td>MILLRIGHT AND MACHINE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ERECTORS</td>
<td>$36.39</td>
<td>13.08</td>
</tr>
<tr>
<td>PILEDRIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CREOSOTE TREATED</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL, ALL PILING</td>
<td>$35.59</td>
<td>13.08</td>
</tr>
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(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - ALL CLASSIFICATIONS EXCEPT MILLWRIGHTS AND PILEDRIVERS)

Hourly Zone Pay shall be paid on jobs located outside of the free zone computed from the city center of the following listed cities:

<table>
<thead>
<tr>
<th>City</th>
<th>City</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seattle</td>
<td>Olympia</td>
<td>Bellingham</td>
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<tr>
<td>Auburn</td>
<td>Bremerton</td>
<td>Anacortes</td>
</tr>
<tr>
<td>Renton</td>
<td>Shelton</td>
<td>Yakima</td>
</tr>
<tr>
<td>Aberdeen-Hoquiam</td>
<td>Tacoma</td>
<td>Wenatchee</td>
</tr>
<tr>
<td>Ellensburg</td>
<td>Everett</td>
<td>Port Angeles</td>
</tr>
<tr>
<td>Centralia</td>
<td>Mount Vernon</td>
<td>Sunnyside</td>
</tr>
<tr>
<td>Chelan</td>
<td>Pt. Townsend</td>
<td></td>
</tr>
</tbody>
</table>

Zone Pay:
0 -25 radius miles Free
26-35 radius miles $1.00/hour
36-45 radius miles $1.15/hour
46-55 radius miles $1.35/hour
Over 55 radius miles $1.55/hour

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - MILLWRIGHT AND PILEDRIVER ONLY)

Hourly Zone Pay shall be computed from Seattle Union Hall, Tacoma City center, and Everett City center

Zone Pay:
0 -25 radius miles Free
26-45 radius miles $ .70/hour
Over 45 radius miles $1.50/hour
CALLAM, JEFFERSON, KING AND KITSAP COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
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<tbody>
<tr>
<td>CABLE SPLICER</td>
<td>$44.87</td>
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<tr>
<td>ELECTRICIAN</td>
<td>$40.79</td>
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CLARK, KLICKITAT AND SKAMANIA COUNTIES

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<th>Rates</th>
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<tr>
<td>CABLE SPLICER</td>
<td>$40.75</td>
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<tr>
<td>ELECTRICIAN</td>
<td>$37.05</td>
</tr>
</tbody>
</table>

HOURLY ZONE PAY:

Hourly Zone Pay shall be paid on jobs located outside of the free zone computed from the city center of the following listed cities:

Portland, The Dalles, Hood River, Tillamook, Seaside and Astoria

Zone Pay:
Zone 1: 31-50 miles $1.50/hour
Zone 2: 51-70 miles $3.50/hour
Zone 3: 71-90 miles $5.50/hour
Zone 4: Beyond 90 miles $9.00/hour

*These are not miles driven. Zones are based on Delorrne Street Atlas USA 2006 plus.

COWLITZ AND WAHKIAKUM COUNTY

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CABLE SPLICER</td>
<td>$40.75</td>
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<tr>
<td>ELECTRICIAN</td>
<td>$37.05</td>
</tr>
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ADAMS, FERRY, LINCOLN, PEND OREILLE, SPOKANE, STEVENS, WHITMAN COUNTIES

<table>
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<th>Rates</th>
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<tr>
<td>ELECTRICIAN</td>
<td>$28.62</td>
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WA120001 Modification 13
Federal Wage Determinations for Highway Construction
### GRAYS HARBOR, LEWIS, MASON, PACIFIC, PIERCE, AND THURSTON COUNTIES

<table>
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<th>Rates</th>
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<td>$ 37.54</td>
<td>21.62</td>
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<tr>
<td>$ 34.13</td>
<td>21.62</td>
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**ELEC0112-005 06/01/2011**

### ASOTIN, BENTON, COLUMBIA, FRANKLIN, GARFIELD, KITTTITAS, WALLA WALLA, YAKIMA COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 37.70</td>
<td>35+14.63</td>
</tr>
<tr>
<td>$ 35.90</td>
<td>3%+14.63</td>
</tr>
</tbody>
</table>

**ELEC0191-003 07/01/2011**

### ISLAND, SAN JUAN, SNOHOMISH, SKAGIT AND WHATCOM COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 42.91</td>
<td>15.39</td>
</tr>
<tr>
<td>$ 39.01</td>
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</tbody>
</table>

**ELEC0191-004 07/01/2011**

### CHELAN, DOUGLAS, GRANT AND OKANOGAN COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 39.28</td>
<td>15.24</td>
</tr>
<tr>
<td>$ 35.71</td>
<td>15.24</td>
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</tbody>
</table>
CHelan (West of the 120th Meridian), Clallam, Douglas (West of the 120th Meridian), Grays Harbor, Island, Jefferson, King, Kitsap, Kittitas, Mason, Okanogan (West of the 120th Meridian), San Juna, Skagit, Snohomish, Whatcom and Yakima (West of the 120th Meridian) Counties

PROJECTS: CATEGORY A PROJECTS (EXCLUDES CATEGORY B PROJECTS, AS SHOWN BELOW)

Zone 1 (0-25 radius miles):

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
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</thead>
<tbody>
<tr>
<td>Power equipment operators:</td>
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<tr>
<td>Group 1A................. $ 35.79</td>
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<tr>
<td>Group 1AA................. $ 36.36</td>
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<tr>
<td>Group 1AAA............... $ 36.92</td>
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<tr>
<td>Group 1................... $ 35.24</td>
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<tr>
<td>Group 2................... $ 34.75</td>
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<tr>
<td>Group 3................... $ 34.33</td>
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</tr>
<tr>
<td>Group 4................... $ 31.97</td>
<td>15.15</td>
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</tbody>
</table>

Zone Differential (Add to Zone 1 rates):
Zone 2 (26-45 radius miles) - $1.00
Zone 3 (Over 45 radius miles) - $1.30

BASEPOINTS: Aberdeen, Bellingham, Bremerton, Everett, Kent, Mount Vernon, Port Angeles, Port Townsend, Seattle, Shelton, Wenatchee, Yakima

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1AAA - Cranes—over 300 tons, or 300 ft of boom (including jib with attachments)

GROUP 1AA - Cranes 200 to 300 tons, or 250 ft of boom (including jib with attachments); Tower crane over 175 ft in height, base to boom

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom (including jib with attachments); Crane—overhead, bridge type, 100 tons and over; Tower crane up to 175 ft in height base to boom; Loaders—overhead, 8 yards and over; Shovels, excavator, backhoes—6 yards and over with attachments
GROUP 1 - Cableway; Cranes 45 tons thru 99 tons, under 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 45 tons thru 99 tons; Derricks on building work; Excavator, shovel, backhoes over 3 yards and under 6 yards; Hard tail end dump articulating off-road equipment 45 yards and over; Loader- overhead 6 yards to, but not including 8 yards; Mucking machine, mole, tunnel, drill and/or shield; Quad 9, HD 41, D-10; Remote control operator on rubber tired earth moving equipment; Rollagon; Scrapers-self propelled 45 yards and over; Slipform pavers; Transports, all truck or track type

GROUP 2 - Barrier machine (zipper); Batch Plant Operator-Concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-overhead, bridge type-20 tons through 44 tons; Chipper; Concrete Pump-truck mount with boom attachment; Crusher; Deck Engineer/Deck Winches (power); Drilling machine; Excavator, shovel, backhoe-3yds and under; Finishing Machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Horizontal/directional drill operator; Loaders-overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics-all; Mixers-asphalt plant; Motor patrol graders-finishing; Piledriver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar Green; Scraper-self propelled, hard tail end dump, articulating off-road equipment-under 45 yards; Subgrade trimmer; Tractors, backhoes-over 75 hp; Transfer material service machine-shuttle buggy, blaw knox-roadtec; Truck crane oiler/driver-100 tons and over; Truck Mount portable conveyor; Yo Yo Pay dozer

GROUP 3 - Conveyors; Cranes-thru 19 tons with attachments; A-frame crane over 10 tons; Drill oilers-auger type, truck or crane mount; Dozers-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside hoists-(elevators and manlifis), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loader-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler-asphalt, crusher; Pumps-concrete; Roller, plant mix or multi-lift materials; Saws-concrete; Scrapers-concrete and carry-all; Service engineer-equipment; Trenching machines; Truck Crane Oilier/Driver under 100 tons; Tractors, backhoe 75 hp and under
GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete finish machine-laser screed; Cranes-A frame-10 tons and under; Elevator and Manlift-permanent or shaft type; Gradechecker, Stakehop; Forklifts under 3000 lbs. with attachments; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger, mechanical; Power plant; Pumps, water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

Category B Projects: 95% of the basic hourly rate for each group plus full fringe benefits applicable to category A projects shall apply to the following projects. A Reduced rates may be paid on the following:

1. Projects involving work on structures such as buildings and bridges whose total value is less than $1.5 million excluding mechanical, electrical, and utility portions of the contract.

2. Projects of less than $1 million where no building is involved. Surfacing and paving included, but utilities excluded.

3. Marine projects (docks, wharfs, etc.) less than $150,000.

HANDLING OF HAZARDOUS WASTE MATERIALS:

Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be eligible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing

H-2 Class "C" Suit - Base wage rate plus $.25 per hour.

H-3 Class "B" Suit - Base wage rate plus $.50 per hour.

H-4 Class "A" Suit - Base wage rate plus $.75 per hour.

Zone Differential (Add to Zone 1 rates):
Zone 2 (26-45 radius miles) - $ .70
Zone 3 (Over 45 radius miles) - $1.00

BASEPOINTS: Aberdeen, Bellingham, Bremerton, Everett, Kent, Mount Vernon, Port Angeles, Port Townsend, Seattle, Shelton, Wenatchee, Yakima
POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1AAA - Cranes-over 300 tons, or 300 ft of boom (including jib with attachments)

GROUP 1AA - Cranes 200 to 300 tons, or 250 ft of boom (including jib with attachments); Tower crane over 175 ft in height, base to boom

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GROUP 2 - Barrier machine (zipper); Batch Plant Operaoor-Concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-overhead, bridge type-20 tons through 44 tons; Chipper; Concrete Pump-truck mount with boom attachment; Crusher; Deck Engineer/Deck Winches (power); Drilling machine; Excavator, shovel, backhoe-3 yards and under; Finishing Machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Horizontal/directional drill operator; Loaders-overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics-all; Mixers-asphalt plant; Motor patrol graders-finishing; Filedriver (other than crane mount); Roto-mill,roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar Green; Scraper-self propelled, hard tail end dump, articulating off-road equipment-under 45 yards; Subgrade trimmer; Tractors, backhoes-over 75 hp; Transfer material service machine-shuttle buggy, blaw knox-roadtec; Truck crane oiler/driver-100 tons and over; Truck Mount portable conveyor; Yo Yo Pay dozer
GROUP 3 - Conveyors; Cranes-thru 19 tons with attachments; A-frame crane over 10 tons; Drill oilers-auger type, truck or crane mount; Dozers-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loader-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler- asphalt, crusher; Pumps-concrete; Roller, plant mix or multi-lift materials; Saws-concrete; Scrpers-concrete and carry-all; Service equipment; Trenching machines; Truck Crane Oiler/Driver under 100 tons; Tractors, backhoe 75 hp and under

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete finish machine-laser screed; Cranes-A frame-10 tons and under; Elevator and Manlift-permanent or shaft type; Gradechecker, Stakehop; Forklifts under 3000 lbs. with attachments; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger, mechanical; Power plant; Pumps, water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

CATEGORY B PROJECTS: 95% OF THE BASIC HOURLY RATE FOR EACH GROUP PLUS FULL FRINGE BENEFITS APPLICABLE TO CATEGORY A PROJECTS SHALL APPLY TO THE FOLLOWING PROJECTS. REDUCED RATES MAY BE PAID ON THE FOLLOWING:

1. Projects involving work on structures such as buildings and bridges whose total value is less than $1.5 million excluding mechanical, electrical, and utility portions of the contract.
2. Projects of less than $1 million where no building is involved. Surfacing and paving including, but utilities excluded.
3. Marine projects (docks, wharfs, etc.) less than $150,000.

HANDLING OF HAZARDOUS WASTE MATERIALS: Personnel in all craft classifications subject to working inside a federally designed hazardous perimeter shall be eligible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing.
H-2 Class "C" Suit - Base wage rate plus $.25 per hour.
H-3 Class "B" Suit - Base wage rate plus $.50 per hour.
H-4 Class "A" Suit - Base wage rate plus $.75 per hour.
ADAMS, ASOTIN, BENTON, CHELAN (EAST OF THE 120TH MERIDIAN), COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN (EAST OF THE 120TH MERIDIAN), PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA (EAST OF THE 120TH MERIDIAN) COUNTIES

ZONE 1:

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>GROUP 1A</td>
<td>$24.41</td>
</tr>
<tr>
<td>GROUP 1</td>
<td>$24.76</td>
</tr>
<tr>
<td>GROUP 2</td>
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<tr>
<td>GROUP 7</td>
<td>$26.56</td>
</tr>
<tr>
<td>GROUP 8</td>
<td>$27.66</td>
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ZONE DIFFERENTIAL (Add to Zone 1 rate):  Zone 2 - $2.00

Zone 1: Within 45 mile radius of Spokane, Pasco, Washington; Lewiston, Idaho

Zone 2: Outside 45 mile radius of Spokane, Pasco, Washington; Lewiston, Idaho

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1A: Boat Operator; Crush Feeder; Oiler; Steam Cleaner

GROUP 1: Bit Grinders; Bolt Threading Machine; Compressors (under 2000 CFM, gas, diesel, or electric power); Deck Hand; Drillers Helper (Assist driller in making drill rod connections, service drill engine and air compressor, repair drill rig and drill tools, drive drill support truck to and on the job site, remove drill cuttings from around bore hole and inspect drill rig while in operation); Fireman & Heater Tender; Hydro-seeder, Mulcher, Nozzlemaster; Oilcr Driver, & Cable Tender, Mucking Machine; Pumpman; Rollers, all types on subgrade, including seal and chip coatings (farm type, Case, John Deere & similar, or Compacting Vibrator), except when pulled by Dozer with operable blade; Welding Machine; Crane Oilcr-Driver (CLD required) & Cable Tender, Mucking Machine
GROUP 2: A-frame Truck (single drum); Assistant Refrigeration Plant (under 1000 ton); Assistant Plant Operator, Fireman or Pugmixer (asphalt); Bagley or Stationary Scraper; Belt Finishing Machine; Blower Operator (cement); Cement Hog; Compressor (2000 CFM or over, 2 or more, gas diesel or electric power); Concrete Saw (multiple cut); Distributor Leverman; Ditch Witch or similar; Elevator Hoisting Materials; Dope Pots (power agitated); Fork Lift or Lumber Stacker; hydra-lift & similar; Gin Trucks (pipeline); Hoist, single drum; Loaders (bucket elevators and conveyors); Longitudinal Float; Mixer (portable-concrete); Pavement Breaker, Hydra-Hammer & similar; Power Broom; Railroad Ballast Regulation Operator (self-propelled); Railroad Power Tamper Operator (self-propelled); Railroad Tamper Jack Operator (self-propelled); Spray Curing Machine (concrete); Spreader Box (self-propelled); Straddle Buggy (Ross & similar on construction job only); Tractor (Farm type R/T with attachment, except Backhoe); Tugger Operator

GROUP 3: A-frame Truck (2 or more drums); Assistant Refrigeration Plant & Chiller Operator (over 1000 ton); Backfillers (Cleveland & similar); Batch Plant & Wet Mix Operator, single unit (concrete); Belt-Crete Conveyors with power pack or similar; Belt Loader (Kocal or similar); Bending Machine; Bob Cat (Skid Steer); Boring Machine (earth); Boring Machine (rock under 8 inch bit) (Quarry Master, Joy or similar); Bump Cutter (Wayne, Saginaw or similar); Canal Lining Machine (concrete); Chipper (without crane); Cleaning & Doping Machine (pipeline); Deck Engineer; Elevating Belt-type Loader (Euclid, Barber Green & similar); Elevating Grader-type Loader (Dumor, Adams or similar); Generator Plant Engineers (diesel or electric); Gunite Combination Mixer & Compressor; Locomotive Engineer; Mixermobile; Mucking Machine; Posthole Auger or Punch; Pump (grout or jet); Soil Stabilizer (P & H or similar); Spreader Machine; Dozer/Tractor (up to D-6 or equivalent) and Traxcavator; Traverse Finish Machine; Turnhead Operator

GROUP 4: Concrete Pumps (squeeze-crete, flow-crete, pump-crete, Whitman & similar); Curb Extruder (asphalt or concrete); Drills (churn, core, calyx or diamond); Equipment Serviceman; Greaser & Oiler; Hoist (2 or more drums or Tower Hoist); Loaders (overhead & front-end, under 4 yds. R/T); Refrigeration Plant Engineer (under 1000 ton); Rubber-tired Skidders (R/T with or without attachments); Surface Heater & Plant Machine; Trenching Machines (under 7 ft. depth capacity); Turnhead (with re-screening); Vacuum Drill (reverse circulation drill under 8 inch bit)
GROUP 5: Backhoe (under 45,000 gw); Backhoe & Hoe Ram (under 3/4 yd.); Carrydeck & Boom Truck (under 25 tons); Cranes (25 tons & under), all attachments including clamshell, dragline; Derricks & Stifflegs (under 65 tons); Drilling Equipment (8 inch bit & over) (Robbins, reverse circulation & similar); Hoe Ram; Filedriving Engineers; Paving (dual drum); Railroad Track Liner Operator (self-propelled); Refrigeration Plant Engineer (1000 tons & over); Signalman (Whirleys, Highline Hammerheads or similar); Grade Checker

GROUP 6: Asphalt Plant Operator; Automatic Subgrader (Ditches & Trimmers) (Autograde, ABC, R.A. Hansen & similar on grade wise); Backhoe (45,000 gw and over to 110,000 gw); Backhoes & Hoe Ram (3/4 yd. to 3 yd.); Batch Plant (over 4 units); Batch & Wet Mix Operator (multiple units, 2 & incl. 4); Blade Operator (motor patrol & attachments); Cable Controller (dispatcher); Compactor (self-propelled with blade); Concrete Pump Boom Truck; Concrete Slip Form Paver; Cranes (over 25 tons, to and including 45 tons), all attachments including clamshell, dragline; Crusher, Grizzle & Screening Plant Operator; Dozer, 834 R/T & similar; Drill Doctor; Loader Operator (front-end & overhead, 4 yds. incl. 8 yds.); Multiple Dozer Units with single blade; Paving Machine (asphalt and concrete); Quad-Track or similar equipment; Rollerman (finishing asphalt pavement); Roto Mill (pavement grinder); Scrapers, all, rubber-tired; Screed Operator; Shovel (under 3 yds.); Trenching Machines (7 ft. depth & over); Tug Boat Operator (Victor guzzler, super sucker; Lime Batch Tank Operator (REcycle Train); Lime Brain Operator (REcycle Train); Mobile Crusher Operator (REcycle Train)

GROUP 7: Backhoe (over 110,000 gw); Backhoes & Hoe Ram (3 yds & over); Blade (finish & bluetop) Automatic, CMI, ABC, Finish Athey & Huber & similar when used as automatic; Cableway Operators; Concrete Cleaning/Decontamination machine operator; Cranes (over 45 tons to but not including 85 tons), all attachments including clamshell anddragline; Derricks & Stiffleys (65 tons & over); Elevating Belt (Holland type); Heavy equipment robotics operator; Loader (360 degrees revolving Koehring Scooper or similar); Loaders (overhead & front-end, over 8 yds. to 10 yds.); Rubber-tired Scrapers (multiple engine with three or more scrapers); Shovels (3 yds. & over); Whirleys & Hammerheads, ALL; H.D. Mechanic; H.D. Welder; Hydraulic Platform Trailers (Coldhofer, Shauberly and Similar); Ultra High Pressure Waterjet Cutting Tool System Operator (30,000 psi); Vacuum Blasting Machine Operator
GROUP 8: Cranes (85 tons and over, and all climbing, overhead, rail and tower), all attachments including clamshell, dragline; Loaders (overhead and front-end, 10 yards and over); Helicopter Pilot

BOOM PAY: (All Cranes, Including Tower)
180 ft to 250 ft $ .50 over scale
Over 250 ft $ .80 over scale

NOTE:
In computing the length of the boom on Tower Cranes, they shall be measured from the base of the Tower to the point of the boom.

HAZMAT:
Anyone working on HAZMAT jobs, working with supplied air shall receive $1.00 an hour above classification.

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ENGI0612-006 06/01/2011

LEWIS, PIERCE, PACIFIC (portion lying north of a parallel line extending west from the northern boundary of Wahkaikum County to the sea) AND THURSTON COUNTIES

ON PROJECTS DESCRIBED IN FOOTNOTE A BELOW, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS. ON ALL OTHER WORK, THE FOLLOWING RATES APPLY.

Zone 1 (0-25 radius miles):

<table>
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<tr>
<th>Rates</th>
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<td>Power equipment operators:</td>
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Zone Differential (Add to Zone 1 rates):
Zone 2 (26-45 radius miles) = $ .70
Zone 3 (Over 45 radius miles) - $1.00

BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1 AAA - Cranes—over 300 tons or 300 ft of boom (including jib with attachments)

GROUP 1AA - Cranes—200 tons to 300 tons, or 250 ft of boom (including jib with attachments; Tower crane over 175 ft in height, bas to boom

WA120001 Modification 13
Federal Wage Determinations for Highway Construction
GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 100 tons and over; Tower crane up to 175 ft in height base to boom; Loaders-overhead, 8 yards and over; Shovels, excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons under 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 45 tons thru 99 tons; Derrick on building work; Excavator, shovel, backhoes over 3 yards and under 6 yards; Hard tail end dump articulating off-road equipment 45 yards and over; Loader- overhead, 6 yards to, but not including, 8 yards; Mucking machine, mole, tunnel, drill and/or shield; Quad 9 HD 41, D-10: Remote control operator on rubber tired earth moving equipment; Rollagon; Scrapers-self-propelled 45 yards and over; Slipform pavers; Transporters, all track or truck type

GROUP 2 - Barrier machine (zipper); Batch Plant Operator-concrete; Pum Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-Overhead, bridge type, 20 tons through 44 tons; Chipper; Concrete pump-truck mount with boom attachment; Crusher; Deck engineer/deck winches (power); Drilling machine; Excavator, shovel, backhoe-3 yards and under; Finisher machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Loaders, overhead under 6 yards; Loaders-plnt feed; Locomotives-all; Mechanics-all; Mixers, asphalt plant; Motor patrol graders, finishing; Pile-driver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar Green; Scraper-self-propelled, hard tail end dump, articulating off-road equipment-under 45 yards; Subgrader trimmer; Tractors, backhoe over 75 hp; Transfer material service machine-shuttle buggy, Blaw Knox- Roadtec; Truck Crane oiler/driver-100 tons and over; Truck Mount Portable Conveyor; Yo Yo pay

GROUP 3 - Conveyors; Cranes through 19 tons with attachments; Crane-A-frame over 10 tons; Drill oilers-auger type, truck or crane mount; Dozer-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside Hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loaders-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler-asphalt, crusher; Pump-Concrete; Roller, plant mix or multi-lift materials; Saws-concrete; Scrapers, concrete and carry all; Service engineers-equipment; Trenching machines; Truck crane oiler/driver under 100 tons; Tractors, backhoe under 75 hp
GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete Finish Machine-laser screed; Cranes A-frame 10 tons and under; Elevator and manlift (permanent and shaft type); Forklifts-under 3000 lbs. with attachments; Gradechecker, stakehop; Hydraulifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger-mechanical; Power plant; Pumps-water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete-gunite equipment operator.

FOOTNOTE A- Reduced rates may be paid on the following:
1. Projects involving work on structures such as buildings and bridges whose total value is less than $1.5 million excluding mechanical, electrical, and utility portions of the contract.
2. Projects of less than $1 million where no building is involved. Surfacing and paving included, but utilities excluded.
3. Marine projects (docks, wharfs, etc.) less than $150,000.

HANDLING OF HAZARDOUS WASTE MATERIALS: Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be eligible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.
H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing
H-2 Class "C" Suit - Base wage rate plus $.25 per hour.
H-3 Class "B" Suit - Base wage rate plus $.50 per hour.
H-4 Class "A" Suit - Base wage rate plus $.75 per hour.

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ENG10701-002 01/01/2012

CLARK, COWLITZ, Klickitat, Pacific (South), Skamania, and Wahkiakum Counties

POWER EQUIPMENT OPERATORS: ZONE 1

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Zone Differential (add to Zone 1 rates):
Zone 2 - $3.00
Zone 3 - $6.00

WA120001 Modification 13
Federal Wage Determinations for Highway Construction
For the following metropolitan counties: MULTNOMAH; CLACKAMAS; MARION; WASHINGTON; YAMHILL; AND COLUMBIA; CLARK; AND COWLITZ COUNTY, WASHINGTON WITH MODIFICATIONS AS INDICATED:

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 Highway 26 and West of Mile Post 30 on Highway 22 and all jobs or projects located in Yamhill County, Washington County and Columbia County and all jobs or porjects located in Clark & Cowlitz County, Washington except that portion of Cowlitz County in the Mt. St. Helens "Blast Zone" shall receive Zone I pay for all classifications.

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 II 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 III pay for all classifications.

For the following cities: ALBANY; BEND; COOS BAY; EUGENE; GRANTS PASS; KLAMATH FALLS; MEDFORD; ROSEBURG

All jobs or projects located within 30 miles of the respective city hall of the above mentioned cities shall receive Zone I pay for all classifications.

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 II 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 III pay for all classifications.
POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: CONCRETE: Batch Plant and/or Wet Mix Operator, three units or more; CRANE: Helicopter Operator, when used in erecting work; Whirley Operator, 90 ton and over; LATTICE BOOM CRANE: Operator 200 tons through 299 tons, and/or over 200 feet boom; HYDRAULIC CRANE: Hydraulic Crane Operator 90 tons through 199 tons with luffing or tower attachments; FLOATING EQUIPMENT: Floating Crane, 150 ton but less than 250 ton

GROUP 1A: HYDRAULIC CRANE: Hydraulic Operator, 200 tons and over (with luffing or tower attachment); LATTICE BOOM CRANE: Operator, 200 tons through 299 tons, with over 200 feet boom; FLOATING EQUIPMENT: Floating Crane 250 ton and over

GROUP 1B: LATTICE BOOM CRANE: Operator, 300 tons through 399 tons with over 200 feet boom; Operator 400 tons and over; FLOATING EQUIPMENT: Floating Crane 350 ton and over

GROUP 2: ASPHALT: Asphalt Plant Operator (any type); Roto Mill, pavement profiler, operator, 6 foot lateral cut and over; BLADE: Auto Grader or "Trimmer" (Grade Checker required); Blade Operator, Robotic; BULLDOZERS: Bulldozer operator over 120,000 lbs and above; Bulldozer operator, twin engine; Bulldozer Operator, tandem, quadnine, D10, D11, and similar type; Bulldozer Robotic Equipment (any type); CONCRETE: Batch Plant and/or Wet Mix Operator, one and two drum; Automatic Concrete Slip Form Paver Operator; Concrete Can Line Operator; Concrete Profiler, Diamond Head; CRANE: Cableway Operator, 25 tons and over; HYDRAULIC CRANE: Hydraulic crane operator 90 tons through 199 tons (without luffing or tower attachment); TOWER/WHIRLEY OPERATOR: Tower Crane Operator; Whirley Operator, under 90 tons; LATTICE BOOM CRANE: 90 through 199 tons and/or 150 to 200 feet boom; CRUSHER: Crusher Plant Operator; FLOATING EQUIPMENT: Floating Clamshell, etc. operator, 3 cu. yds. and over; Floating Crane (derrick barge) Operator, 30 tons but less than 150 tons; LOADERS: Loader operator, 120,000 lbs. and above; REMOTE CONTROL: Remote controlled earth-moving equipment; RUBBER-TIRED SCRAPERS: Rubber-tired scraper operator, with tandem scrapers, multi-engine; SHOVEL, DRAGLINE, CLAMSHELL, SKOOPER OPERATOR: Shovel, Dragline, Clamshell, operator 5 cu. yds and over; TRENCHING MACHINE: Wheel Excavator, under 750 cu. yds. per hour (Grade Oiler required); Canal Trimmer (Grade Oiler required); Wheel Excavator, over 750 cu. yds. per hour; Band Wagon (in conjunction with wheel excavator); UNDERWATER EQUIPMENT: Underwater Equipment Operator, remote or otherwise; HYDRAULIC HOES-EXCAVATOR: Excavator over 130,000 lbs.; HYDRAULIC CRANE: Hydraulic crane operator, 50 tons through 89 tons (with luffing or tower attachment);
GROUP 3: BULLDOZERS: Bulldozer operator, over 70,000 lbs. up to and including 120,000 lbs.; HYDRAULIC CRANE: Hydraulic crane operator, 50 tons through 89 tons (without luffing or tower attachment); LATTICE BOOM CRANES: Lattice Boom Crane-50 through 89 tons (and less than 150 feet boom); FORKLIFT: Rock Hound Operator; HYDRAULIC HOES-EXCAVATOR: excavator over 80,000 lbs. through 130,000 lbs.; LOADERS: Loader operator 60,000 and less than 120,000; RUBBER-TIRED SCRAPERS: Scraper Operator, with tandem scrapers; Self-loading, paddle wheel, auger type, finish and/or 2 or more units; SHOVEL, DRAGLINE, CLAMSHELL, SKOOPER OPERATOR: Shovel, Dragline, Clamshell operators 3 cu. yds. but less than 5 cu yds.

GROUP 4: ASPHALT: Screed Operator; Asphalt Paver operator (screerman required); BLADE: Blade operator; Blade operator, finish; Blade operator, externally controlled by electronic, mechanical hydraulic means; Blade operator, multi-engine; BULLDOZERS: Bulldozer Operator over 20,000 lbs and more than 100 horse up to 70,000 lbs; Drill Cat Operator; Side-boom Operator; Cable-Flow Operator (any type); CLEARING: Log Skidders; Chippers; Incinerator; Stump Splitter (loader mounted or similar type); Stump Grinder (loader mounted or similar type); Tub Grinder; Land Clearing Machine (Track mounted forestry mowing & grinding machine); Hydro Axe (loader mounted or similar type); COMPACTORS SELF-PROPELLED: Compactor Operator, with blade; Compactor Operator, multi-engine; Compactor Operator, robotic; CONCRETE: Mixer Mobile Operator; Screed Operator; Concrete Cooling Machine Operator; Concrete Paving Road Mixer; Concrete Breaker; Reinforced Tank Banding Machine (K-17 or similar types); Laser Screed; CRANE: Chicago boom and similar types; Lift Slab Machine Operator; Boom type lifting device, 5 ton capacity or less; Hoist Operator, two (2) drum; Hoist Operator, three (3) or more drums; Derrick Operator, under 100 ton; Hoist Operator, stiff leg, guy derrick or similar type, 50 ton and over; Cableway Operator up to twenty (25) ton; Bridge Crane Operator, Locomotive, Gantry, Overhead; Cherry Picker or similar type crane; Carry Deck Operator; Hydraulic Crane Operator, under 50 tons; LATTICE BOOM CRANE OPERATOR: Lattice Boom Crane Operator, under 50 tons; CRUSHER: Generator Operator; Diesel-Electric Engineer; Grizzley Operator; Drill Doctor; Boring Machine Operator; Driller-Percussion, Diamond, Core, Cable, Rotary and similar type; Cat Drill (John Henry); Directional Drill Operator over 20,000 lbs pullback; FLOATING EQUIPMENT: Diesel-electric Engineer; Jack Operator, elevating barges, Barge Operator, self-unloading; Piledriver Operator (not crane type) (Deckhand required); Floating Clamshell, etc. Operator, under 3 cu. yds. (Fireman or Diesel-Electric Engineer required); Floating Crane (derrick barge) Operator, less than 30 tons; GENERATORS: Generator Operator; Diesel-electric Engineer; GUARDRAIL EQUIPMENT: Guardrail Punch Operator (all types); Guardrail Auger Operator (all types); Combination Guardrail machines, i.e., punch auger, etc.; HEATING PLANT: Surface Heater and Planer Operator; HYDRAULIC HOE EXCAVATOR;
Robotic Hydraulic backhoe operator, track and wheel type up to and including 20,000 lbs. with any or all attachments; Excavator Operator over 20,000 lbs through 80,000 lbs.; LOADERS: Belt Loaders, Kolman and Ko Cal types; Loaders Operator, front end and overhead, 25,000 lbs and less than 60,000 lbs; Elevating Grader Operator by Tractor operator, Sierra, Euclid or similar types; PILEDIVERS: Hammer Operator; Piledriver Operator (not crane type); PIPELINE, SEWER WATER: Pipe Cleaning Machine Operator; Pipe Doping Machine Operator; Pipe Wrapping Machine Operator; Boring Machine Operator; Back Filling Machine Operator; REMOTE CONTROL: Concrete Cleaning Decontamination Machine Operator; Ultra High Pressure Water Jet Cutting Tool System Operator/Mechanic; Vacuum Blasting Machine Operator/mecanic; REPAIRMEN, HEAVY DUTY: Diesel Electric Engineer (Plant or Floating; Bolt Threading Machine operator; Drill Doctor (Bit Grinder); H.D. Mechanic; Machine Tool Operator; RUBBER-TIRED SCRAPERS: Rubber-tired Scraper Operator, single engine, single scraper; Self-loading, paddle wheel, auger type under 15 cu. yds.; Rubber-tired Scraper Operator, twin engine; Rubber-tired Scraper Operator, with push-uill attachments; Self Loading, paddle wheel, auger type 15 cu. yds. and over, single engine; Water pulls, water wagons; SHOVEL, DRAGLINE, CLAMSHELL, SKOOPER OPERATOR: Diesel Electric Engineer; Stationary Drag Scraper Operator; Shovel, Dragline, Clamshell, Operator under 3 cy yds.; Grade-all Operator; SURFACE (BASE) MATERIAL: Blade mounted spreaders, Ulrich and similar types; TRACTOR-RUBBERED TIRED: Tractor operator, rubber- tired, over 50 hp flywheel; Tractor operator, with boom attachment; Rubber-tired dozers and pushers (Michigan, Cat, Hough type); Skip Loader, Drag Box; TRENCHING MACHINE: Trenching Machine operator, digging capacity over 3 ft depth; Back filling machine operator; TUNNEL: Mucking machine operator
GROUP 5: ASPHALT: Extrusion Machine Operator; Roller Operator (any asphalt mix); Asphalt Burner and Reconditioner Operator (any type); Roto-Mill, pavement profiler, ground man; BULLDOZERS: Bulldozer operator, 20,000 lbs. or less or 100 horse or less; COMPRESSORS: Compressor Operator (any power), over 1,250 cu. ft. total capacity; COMPACTORS: Compactor Operator, including vibratory; Wagner Factor Operator or similar type (without blade); CONCRETE: Combination mixer and Compressor Operator, gunite work; Concrete Batch Plant Quality Control Operator; Beltcrete Operator; Pumpcrete Operator (any type); Pavement Grinder and/or Grooving Machine Operator (riding type); Cement Pump Operator, Fuller-Kenyon and similar; Concrete Pump Operator; Grouting Machine Operator; Concrete mixer operator, single drum, under (5) bag capacity; Cast in place pipe laying machine; maginnis Internal Full slab vibrator operator; Concrete finishing machine operator, Clary, Johnson, Bidwell, Burgess Bridge deck or similar type; Curb Machine Operator, mechanical Berm, Curb and/or Curb and Gutter; Concrete Joint Machine Operator; Concrete Planer Operator; Tower Mobile Operator; Power Jumbo Operator setting slip forms in tunnels; Slip Form Pumps, power driven hydraulic lifting device for concrete forms; Concrete Paving Machine Operator; Concrete Finishing Machine Operator; Concrete Spreader Operator; CRANE: Helicopter Hoist Operator; Hoist Operator, single drum; Elevator Operator; A-frame Truck Operator, Double drum; Boom Truck Operator; HYDRAULIC CRANE OPERATOR: Hydraulic Boom Truck, Pittman; DRILLING: Churn Drill and Earth Boring Machine Operator; Vacuum Truck; Directional Drill Operator over 20,000 lbs pullback; FLOATING EQUIPMENT: Fireman; FORKLIFT: Fork Lift, over 10 ton and/or robotic; HYDRAULIC HOES EXCAVATORS: Hydraulic Backhoe Operator, wheel type (Ford, John Deere, Case type); Hydraulic Backhoe Operator track type up to and including 20,000 lbs.; LOADERS: Loaders, rubber- tired type, less than 25,000 lbs; Elevating Grader Operator, Tractor Towed requiring Operator or Grader; Elevating loader operator, Athey and similar types; OILERS: Service oiler (Greaser); PIPELINE-SEWER WATER: Hydra hammer or simialr types; Pavement Breaker Operator; PUMPS: Pump Operator, more than 5 (any size); Pot Rammer Operator; RAILROAD EQUIPMENT: Locomotive Operator, under 40 tons; Ballast Regulator Operator; Ballast Tamper Multi-Purpose Operator; Track Liner Operator; Tie Spacer Operator; Shuttle Car Operator; Locomotive Operator, 40 tons and over; MATERIAL HAULERS: Cat wagon DUBs Volvo similar types; Conveyored material hauler; SURFACING (BASE) MATERIAL: Rock Spreaders, self-propelled; Pulva-mixer or similar types; Chip Spreading machine operator; Lime spreading operator, construction job siter; SWEEPERS: Sweeper operator (Wayne type) self-propelled construction job site; TRACTOR-RUBBER TIRED: Tractor operator, rubber-tired, 50 hp flywheel and under; Trenching machine operator, maximum digging capacity 3 ft depth; TUNNEL: Dinkey
GROUP 6: ASPHALT: Plant Oiler; Plant Fireman; Pugmill Operator (any type); Truck mounted asphalt spreader, with screed; COMPRESSORS: Compressor Operator (any power), under 1,250 cu. ft. total capacity; CONCRETE: Plant Oiler, Assistant Conveyor Operator; Conveyor Operator; Mixer Box Operator (C.T.B., dry batch, etc.); Cement Hog Operator; Concrete Saw Operator; Concrete Curing Machine Operator (riding type); Wire Mat or Brooming Machine Operator; CRANE: Oiler; Fireman, all equipment; Truck Crane Oiler Driver; A-frame Truck Operator, single drum; Tugger or Coffin Type Hoist Operator; CRUSHER: Crusher Oiler; Crusher Feederman; CRUSHER: Crusher oiler; Crusher feederman; DRILLING: Drill Tender; Auger Oiler; FLOATING EQUIPMENT: Deckhand; Boatman; FORKLIFT: Self-propelled Scaffolding Operator, construction job site (excluding working platform); Fork Lift or Lumber Stacker Operator, construction job site; Ross Carrier Operator, construction job site; Lull Hi-Lift Operator or Similar Type; GUARDRAIL EQUIPMENT: Oiler; Auger Oiler; Oiler, combination guardrail machines; Guardrail Punch Oiler; HEATING PLANT: Temporary Heating Plant Operator; LOADERS: Bobcat, skid steer (less than 1 cu yd.); Bucket Elevator Loader Operator, BarberGreene and similar types; OILERS: Oiler; Guardrail Punch Oiler; Truck Crane Oiler-Driver; Auger Oiler; Grade Oiler, required to check grade; Grade Checker; Rigger; PIPELINE-SEWER WATER: Tar Pot Fireman; Tar Pot Fireman (power agitated); PUMPS: Pump Operator (any power); Hydrostatic Pump Operator; RAILROAD EQUIPMENT: Brakeman; Oiler; Switchman; Motorman; Ballast Jack Tamper Operator; SHOVEL, DRAGLINE, CLAMSHELL, SKOOPER, ETC. OPERATOR: Oiler, Grade Oiler (required to check grade); Grade Checker; Fireman; SWEeper: Broom operator, self propelled, construction job site; SURFACING (BASE) MATERIAL: Roller Operator, grading of base rock (not asphalt); Tamping Machine operator, mechanical, self-propelled; Hydrographic Seeder Machine Operator; TRENCHING MACHINE: Oiler; Grade Oiler; TUNNEL: Conveyor operator; Air filtration equipment operator
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IRON0029-002 01/01/2012

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IRON0086-002 07/01/2012

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LAB00001-002 06/01/2009

ZONE 1:

Rates Fringes

Laborers:
CALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (NORTH OF STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY WAHMIKUM COUNTY WEST TO THE PACIFIC OCEAN), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES

GROUP 1. ..................... $ 21.77 9.07
GROUP 2. ..................... $ 24.86 9.07
GROUP 3. ..................... $ 30.96 9.07
GROUP 4. ..................... $ 31.70 9.07
GROUP 5. ..................... $ 32.21 9.07

CHELAN, DOUGLAS (WEST OF THE 120TH MERIDIAN), KITITAS AND YAKIMA COUNTIES

GROUP 1. ..................... $ 17.95 9.07
GROUP 2. ..................... $ 20.58 9.07
GROUP 3. ..................... $ 22.54 9.07
GROUP 4. ..................... $ 23.09 9.07
GROUP 5. ..................... $ 23.48 9.07

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON

ZONE 1 - Projects within 25 radius miles of the respective city hall
ZONE 2 - More than 25 but less than 45 radius miles from the respective city hall
ZONE 3 - More than 45 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):
ZONE 2 - $1.00
ZONE 3 - $1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective city hall
ZONE 2 - More than 25 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):
ZONE 2 - $2.25

WA120001 Modification 13
Federal Wage Determinations for Highway Construction
LABORERS CLASSIFICATIONS

GROUP 1: Landscaping and Planting; Watchman; Window Washer/Cleaner (detail clean-up, such as but not limited to cleaning floors, ceilings, walls, windows, etc., prior to final acceptance by the owner)

GROUP 2: Batch Weighman; Crusher Feeder; Fence Laborer; Flagman; Pilot Car

GROUP 3: General Laborer; Air, Gas, or Electric Vibrating Screed; Asbestos Abatement Laborer; Ballast Regulator Machine; Brush Cutter; Brush Hog Feeder; Burner; Carpenter Tender; Cement Finisher Tender; Change House or Dry Shack; Chipping Gun (under 30 lbs.); Choker Setter; Chuck Tender; Clean-up Laborer; Concrete Form Stripper; Curing Laborer; Demolition (wrecking and moving including charred material); Ditch Digger; Dump Person; Fine Graders; Firewatch; Form Setter; Gabion Basket Builders; Grout Machine Tender; Grinders; Guardrail Erector; Hazardous Waste Worker (Level C: uses a chemical "splash suit" and air purifying respirator); Maintenance Person; Material Yard Person; Pot Tender; Rip Rap Person; Riggers; Scale Person; Sloper Sprayer; Signal Person; Stock Piler; Stake Hopper; Toolroom Man (at job site); Topper-Tailer; Track Laborer; Truck Spotter; Vinyl Seamer

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, air/airtrac); Faller and Bucker Chain Saw; Grade Checker and Transit Person; Groutmen (pressure) including post tension beams; Hazardous Waste Worker (Level B: uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical "splash suit"); High Scaler; Jackhammer; Laserbeam Operator; Manhole Builder-Mudman; Nozzelman (concrete pump, green cutter when using combination of high pressure air and water on concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft.); Spreader (concrete); Tamper and Similar electric, air and gas operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

GROUP 5: Caisson Worker; Miner; Mortarman and Hodcarrier; Powderman; Re-Timberman; Hazardous Waste Worker (Level A: utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line).
LABORER (PASCO)

GROUP 1.................. $ 21.71
GROUP 2.................. $ 23.81
GROUP 3.................. $ 24.08
GROUP 4.................. $ 24.35
GROUP 5.................. $ 24.63

LABORER (SPOKANE)

GROUP 1.................. $ 21.41
GROUP 2.................. $ 23.51
GROUP 3.................. $ 23.78
GROUP 4.................. $ 24.05
GROUP 5.................. $ 24.33

Zone Differential (Add to Zone 1 rate): $2.00

BASE POINTS: Spokane, Pasco, Lewiston

Zone 1: 0-45 radius miles from the main post office.
Zone 2: 45 radius miles and over from the main post office.

LABORERS CLASSIFICATIONS

GROUP 1: Flagman; Landscape Laborer; Scaleman; Traffic Control Maintenance Laborer (to include erection and maintenance of barricades, signs and relief of flagperson); Window Washer/Cleaner (detail cleanup, such as, but not limited to cleaning floors, ceilings, walls, windows, etc. prior to final acceptance by the owner)
GROUP 2: Asbestos Abatement Worker; Brush Hog Feeder; Carpenter Tender; Cement Handler; Clean-up Laborer; Concrete Crewman (to include stripping of forms, hand operating jacks on slip form construction, application of concrete curing compounds, pumcrete machine, signaling, handling the nozzle of squeezecrete or similar machine, 6 inches and smaller); Confined Space Attendant; Concrete Signalman; Crusher Feeder; Demolition (to include clean-up, burning, loading, wrecking and salvage of all material); Dumpman; Fence Erector; Firewatch; Form Cleaning Machine Feeder; Stacker; General Laborer; Grout Machine Header Tender; Guard Rail (to include guard rails, guide and reference posts, sign posts, and right-of-way markers); Hazardous Waste Worker, Level D (no respirator is used and skin protection is minimal); Miner, Class "A" (to include all bull gang, concrete crewman, dumpman and pumcrete crewman, including distributing pipe, assembly & dismantle, and nipper); Nipper; Riprap Man; Sandblast Tailhooseman; Scaffold Erector (wood or steel); Stake Jumper; Structural Mover (to include separating foundation, preparation, cribbing, shoring, jacking and unloading of structures); Tailhooseman (water nozzle); Timber Bucker and Faller (by hand); Track Laborer (RR); Truck Loader; Well-Point Man; All Other Work Classifications Not Specially Listed Shall Be Classified As General Laborer

GROUP 3: Asphalt Raker; Asphalt Roller, walking; Cement Finisher Tender; Concrete Saw, walking; Demolition Torch; Dope Pot Firemen, non-mechanical; Driller Tender (when required to move and position machine); Form Setter, Paving; Grade Checker using level; Hazardous Waste Worker, Level C (uses a chemical "splash suit" and air purifying respirator); Jackhammer Operator; Miner, Class "B" (to include brakeman, finisher, vibrator, form setter); Nozzlemaker (to include squeeze and flo-crete nozzle); Nozzlemaker, water, air or steam; Pavement Breaker (under 90 lbs.); Pipelayer, corrugated metal culvert; Pipelayer, multi- plate; Pot Tender; Power Buggy Operator; Power Tool Operator, gas, electric, pneumatic; Railroad Equipment, power driven, except dual mobile power spioker or puller; Railroad Power Spiker or Puller, dual mobile; Rodder and Spreader; Tamper (to include operation of Barco, Essex and similar tampers); Trencher, Shawnee; Tugger Operator; Wagon Drills; Water Pipe Liner; Wheelbarrow (power driven)
GROUP 4: Air and Hydraulic Track Drill; Brush Machine (to include horizontal construction joint cleanup brush machine, power propelled); Caisson Worker, free air; Chain Saw Operator and Faller; Concrete Stack (to include laborers when laborers working on free standing concrete stacks for smoke or fume control above 40 feet high); Gunite (to include operation of machine and nozzle); Hazardous Waste Worker, Level B (uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical "splash suit"); High Scaler; Laser Beam Operator (to include grade checker and elevation control); Miner, Class C (to include miner, nozzleman for concrete, laser beam operator and rigger on tunnels); Monitor Operator (air track or similar mounting); Mortar Mixer; Nozzlemans (to include jet blasting nozzlemans, over 1,200 lbs., jet blast machine power propelled, sandblast nozzle); Pavement Breaker (90 lbs. and over); Pipelayer (to include working topman, caulker, collaran, jointer, mortician, rigger, jacker, shorer, valve or meter installer); Pipewrapper; Plasterer Tender; Vibrators (all)

GROUP 5 - Drills with Dual Masts; Hazardous Waste Worker, Level A (utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line); Miner Class "D", (to include raise and shaft miner, laser beam operator on risses and shafts)

GROUP 6 - Powderman

* LAB00238-006 06/01/2012

COUNTRIES EAST OF THE 120TH MERIDIAN: ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND OREILLE, STEVENS, SPOKANE, WALLA WALLA, WHITMAN

Rates Fringes

Hod Carrier......................... $ 23.78 10.30

* LAB00335-001 06/01/2012

CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHIAKUM COUNTY WEST TO THE PACIFIC OCEAN), SKAMANIA AND WAHIAKUM COUNTIES

Rates Fringes

Laborers:

ZONE 1:

GROUP 1............................. $ 28.24 9.70
GROUP 2............................. $ 28.84 9.70
GROUP 3............................. $ 29.28 9.70
GROUP 4............................. $ 29.66 9.70
GROUP 5............................. $ 25.74 9.70
GROUP 6............................. $ 23.32 9.70
GROUP 7............................. $ 20.12 9.70

WA120001 Modification 13

Federal Wage Determinations for Highway Construction
Zone Differential (Add to Zone 1 rates):
Zone 2 $ 0.65
Zone 3 - 1.15
Zone 4 - 1.70
Zone 5 - 2.75

BASE POINTS: GOLDEDALE, LONGVIEW, AND VANCOUVER

ZONE 1: Projects within 30 miles of the respective city all.
ZONE 2: More than 30 miles but less than 40 miles from the respective city hall.
ZONE 3: More than 40 miles but less than 50 miles from the respective city hall.
ZONE 4: More than 50 miles but less than 80 miles from the respective city hall.
ZONE 5: More than 80 miles from the respective city hall.

LABORERS CLASSIFICATIONS

GROUP 1: Asphalt Plant Laborers; Asphalt Spreaders; Batch Weighman; Broomers; Brush Burners and Cutters; Car and Truck Loaders; Carpenter Tender; Change-House Man or Dry Shack Man; Choker Setter; Clean-up Laborers; Curing, Concrete; Demolition, Wrecking and Moving Laborers; Dumpers, road oiling crew; Dumpman (for grading crew); Elevator Feeders; Median Rail Reference Post, Guide Post, Right of Way Marker; Fine Graders; Fire Watch; Form Stripers (not swinging stages); General Laborers; Hazardous Waste Worker; Leverman or Aggregate Spreader (Flaherty and similar types); Loading Spotters; Material Yard Man (including electrical); Pittsburgh Chipper Operator or Similar Types; Railroad Track Laborers; Ribbon Setters (including steel forms); Rip Rap Man (hand placed); Road Pump Tender; Sewer Labor; Signalman; Skipman; Slopers; Sprayers; Stake Chaser; Stockpiler; Tie Back Shoring; Timber Faller and Bucker (hand labor); Toolroom Man (at job site); Tunnel Bullgang (above ground); Weight-Man- Crusher (aggregate when used)

GROUP 2: Applicator (including pot power tender for same), applying protective material by hand or nozzle on utility lines or storage tanks on project; Brush Cutters (power saw); Burnors; Choker Splicer; Clary Power Spreader and similar types; Clean-up Nozzleman-Green Cutter (concrete, rock, etc.); Concrete Power Buggyman; Concrete Laborer; Crusher Feeder; Demolition and Wrecking Charred Materials; Gunite Nozzleman Tender; Gunite or Sand Blasting Pot Tender; Handlers or Mixers of all Materials of an irritating nature (including cement and lime); Tool Operators (includes but not limited to: Dry Pack Machine; Jackhammer; Chipping Guns; Paving Breakers); Pipe Doping and Wrapping; Post Hole Digger, air, gas or electric; Vibrating Screed; Tamper; Sand Blasting (Wet); Stake-Setter; Tunnel-Muckers, Brakemen, Concrete Crew, Bullgang (underground)

WA120001 Modification 13
Federal Wage Determinations for Highway Construction
GROUP 3: Asbestos Removal; Bit Grinder; Drill Doctor; Drill Operators, air tracks, cat drills, wagon drills, rubber-mounted drills, and other similar types including at crusher plants; Gunite Nozzlemen; High Scalers, Strippers and Drillers (covers work in swinging stages, chairs or belts, under extreme conditions unusual to normal drilling, blasting, barring-down, or sloping and stripping); Manhole Builder; Powdermen; Concrete Saw Operator; Pwdermen; Power Saw Operators (Bucking and Falling); Pumpcrete Nozzlemen; Sand Blasting (Dry); Sewer Timberman; Track Liners, Anchor Machines, Ballast Regulators, Multiple Tamper, Power Jacks, Tugger Operator; Tunnel-Chuck Tenders, Nippers and Timbermen; Vibrator; Water Blaster

GROUP 4: Asphalt Raker; Concrete Saw Operator (walls); Concrete Nozzelman; Grade Checker; Pipelayer; Laser Beam (pipelaying)-applicable when employee assigned to move, set up, align; Laser Beam; Tunnel Miners; Motorman-Dinky Locomotive-Tunnel; Powderman-Tunnel; Shield Operator-Tunnel

GROUP 5: Traffic Flaggers

GROUP 6: Fence Builders

GROUP 7: Landscaping or Planting Laborers

<table>
<thead>
<tr>
<th>LAB00335-019 06/01/2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rates</td>
</tr>
<tr>
<td>Hod Carrier ..................$ 29.58</td>
</tr>
<tr>
<td>---------------------------------------------------------------</td>
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<tr>
<td>PAIN00005-002 01/01/2012</td>
</tr>
<tr>
<td>STATEWIDE EXCEPT CLARK, COWLITZ, Klickitat, Pacific (South), Skamania, and Wahkiakum Counties</td>
</tr>
<tr>
<td>Rates</td>
</tr>
<tr>
<td>Painters:</td>
</tr>
<tr>
<td>STRIPERS ..................$ 30.96</td>
</tr>
<tr>
<td>---------------------------------------------------------------</td>
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<tr>
<td>PAIN00005-004 03/01/2009</td>
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<tr>
<td>CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PIERCE, SAN JUAN, SAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES</td>
</tr>
<tr>
<td>Rates</td>
</tr>
<tr>
<td>PAINTER ..................$ 20.82</td>
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WA1200001 Modification 13
Federal Wage Determinations for Highway Construction
ADAMS, ASOTIN; BENTON AND FRANKLIN (EXCEPT HANFORD SITE); CHELAN, COLUMBIA, DOUGLAS, FERRY, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
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<tbody>
<tr>
<td>Application of Cold Tar</td>
<td></td>
</tr>
<tr>
<td>Products, Epoxyres, Polyure</td>
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<tr>
<td>thanes, Acids, Radiation</td>
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<tr>
<td>Resistant Material, Water</td>
<td></td>
</tr>
<tr>
<td>and Sandblasting..............$ 21.50</td>
<td>7.98</td>
</tr>
<tr>
<td>Over 30'/Swing Stage Work.....$ 22.20</td>
<td>7.98</td>
</tr>
<tr>
<td>Brush, Roller, Striping,</td>
<td></td>
</tr>
<tr>
<td>Steam-cleaning and Spray......$ 21.53</td>
<td>9.45</td>
</tr>
<tr>
<td>Lead Abatement, Asbestos</td>
<td></td>
</tr>
<tr>
<td>Abatement.....................$ 21.50</td>
<td>7.98</td>
</tr>
</tbody>
</table>

*$.70 shall be paid over and above the basic wage rates listed for work on swing stages and high work of over 30 feet.

PAINO055-002 04/01/2012

CLARK, COWLITZ, KLiCKITAT, PACIFIC, SKAMANIA, AND WAHKIAKUM COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Painters:</td>
<td></td>
</tr>
<tr>
<td>Brush &amp; Roller................$ 20.90</td>
<td>7.88</td>
</tr>
<tr>
<td>High work - All work 60 ft. or higher.............$ 21.65</td>
<td>7.88</td>
</tr>
<tr>
<td>Spray and Sandblasting.......$ 21.50</td>
<td>7.88</td>
</tr>
</tbody>
</table>

PAINO055-007 07/01/2011

CLARK, COWLITZ, KLiCKITAT, SKAMANIA and WAHKIAKUM COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Painters:</td>
<td></td>
</tr>
<tr>
<td>HIGHWAY &amp; PARKING LOT STRIPER.$ 33.19</td>
<td>9.05</td>
</tr>
</tbody>
</table>
ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA COUNTIES

Rates Fringes

CEMENT MASON/CONCRETE FINISHER
ZONE 1.................. $ 25.01 11.32

Zone Differential (Add to Zone 1 rate): Zone 2 - $2.00

BASE POINTS: Spokane, Pasco, Lewiston; Wenatchee
Zone 1: 0 - 45 radius miles from the main post office
Zone 2: Over 45 radius miles from the main post office

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PLAS0528-001 06/01/2012

CLALLAM, COWLITZ, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC, PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON, WAHKIAKUM AND WHATCOM COUNTIES

Rates Fringes

Cement Masons:
CEMENT MASON.................. $ 35.88 14.25
COMPOSITION, TROWEL
MACHINE, GRINDER, POWER
TOOLS, GUNNITE NOZZLE........ $ 36.38 14.25
TROWLING MACHINE OPERATOR
ON COMPOSITION............... $ 36.38 14.25

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PLAS0555-002 06/01/2012

CLARK, Klickitat AND Skamania COUNTIES

ZONE 1:

Rates Fringes

Cement Masons:
CEMENT MASON DOING BOTH
COMPOSITION/POWER
MACHINERY AND
SUSPENDED/HANGING SCAFFOLD.. $ 30.58 17.76
CEMENT MASONs ON
SUSPENDED, SWINGING AND/OR
HANGING SCAFFOLD............. $ 30.58 17.76
CEMENT MASONs.............. $ 29.98 17.76
COMPOSITION WORKERS AND
POWER MACHINERY OPERATORS... $ 31.18 17.76

WA120001 Modification 13
Federal Wage Determinations for Highway Construction
Zone Differential (Add To Zone 1 Rates):
Zone 2 - $0.65
Zone 3 - 1.15
Zone 4 - 1.70
Zone 5 - 3.00

BASE POINTS: BEND, CORVALLIS, EUGENE, MEDFORD, PORTLAND,
SALEM, THE DALLES, VANCOUVER

ZONE 1: Projects within 30 miles of the respective city hall
ZONE 2: More than 30 miles but less than 40 miles from the
respective city hall.
ZONE 3: More than 40 miles but less than 50 miles from the
respective city hall.
ZONE 4: More than 50 miles but less than 80 miles from the
respective city hall.
ZONE 5: More than 80 miles from the respective city hall

TEAM0037-002 12/02/2011

CLARK, COWLITZ, KLICKITAT, PACIFIC (South of a straight line
made by extending the north boundary line of Wahkiakum County
west to the Pacific Ocean), SKAMANIA, AND WAHKIAKUM COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
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<tbody>
<tr>
<td>$26.90</td>
<td>13.15</td>
</tr>
<tr>
<td>$27.02</td>
<td>13.15</td>
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<tr>
<td>$27.15</td>
<td>13.15</td>
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<tr>
<td>$27.41</td>
<td>13.15</td>
</tr>
<tr>
<td>$27.63</td>
<td>13.15</td>
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<tr>
<td>$27.79</td>
<td>13.15</td>
</tr>
<tr>
<td>$27.99</td>
<td>13.15</td>
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</tbody>
</table>

Zone Differential (Add to Zone 1 Rates):
Zone 2 - $0.65
Zone 3 - 1.15
Zone 4 - 1.70
Zone 5 - 2.75

BASE POINTS: ASTORIA, THE DALLES, LONGVIEW AND VANCOUVER

ZONE 1: Projects within 30 miles of the respective city hall.

ZONE 2: More than 30 miles but less than 40 miles from the
respective city hall.

ZONE 3: More than 40 miles but less than 50 miles from the
respective city hall.

ZONE 4: More than 50 miles but less than 80 miles from the
respective city hall.

ZONE 5: More than 80 miles from the respective city hall.

WA120001 Modification 13
Federal Wage Determinations for Highway Construction
TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: A Frame or Hydra lift truck w/load bearing surface; Articulated Dump Truck; Battery Rebuilders; Bus or Manhaul Driver; Concrete Buggies (power operated); Concrete Pump Truck; Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: up to and including 10 cu. yds.; Lift Jitneys, Fork Lifts (all sizes in loading, unloading and transporting material on job site); Loader and/or Leverman on Concrete Dry Batch Plant (manually operated); Pilot Car; Pickup Truck; Solo Flat Bed and misc. Body Trucks, 0-10 tons; Truck Tender; Truck Mechanic Tender; Water Wagons (rated capacity) up to 3,000 gallons; Transit Mix and Wet or Dry Mix - 5 cu. yds. and under; Lubrication Man, Fuel Truck Driver, Tireman, Wash Rack, Steam Cleaner or combinations; Team Driver; Slurry Truck Driver or Leverman; Tireman

GROUP 2: Boom Truck/Hydra-lift or Retracting Crane; Challenger; Dumpster or similar equipment all sizes; Dump Trucks/Articulated Dumps 6 cu to 10 cu.; Flaherty Spreader Driver or Leverman; Lowbed Equipment, Flat Bed Semi-trailer or doubles transporting equipment or wet or dry materials; Lumber Carrier, Driver-Straddle Carrier (used in loading, unloading and transporting of materials 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.; Vacuum Trucks; Water truck/Wagons (rated capacity) over 3,000 to 5,000 gallons

GROUP 3: Ammonia Nitrate Distributor Driver; Dump trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 10 cu. yds. and including 30 cu. yds. includes Articulated Dump Trucks; Self-Propelled Street Sweeper; Transit mix and wet or dry mix truck: over 7 cu yds. and including 11 cu yds.; Truck Mechanic-Welder-Body Repairman; Utility and Clean-up Truck; Water Wagons (rated capacity) over 5,000 to 10,000 gallons

GROUP 4: Asphalt Burner; Dump Trucks, side, end and bottom cumps, including Semi-Trucks and Trains or combinations thereof: over 30 cu. yds. and including 50 cu. yds. includes Articulated Dump Trucks; Fire Guard; Transit Mix and Wet or Dry Mix Trucks, over 11 cu. yds. and including 15 cu. yds.; Water Wagon (rated capacity) over 10,000 gallons to 15,000 gallons

GROUP 5: Composite Crewman; Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 50 cu. yds. and including 60 cu. yds. includes Articulated Dump Trucks

GROUP 6: Bulk Cement Spreader w/o Auger; Dry Pre-Batch concrete Mix Trucks; Dump trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 60 cu. yds. and including 80 cu. yds., and includes Articulated Dump Trucks; Skid Truck
GROUP 7: Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 80 cu. yds. and including 100 cu. yds., includes Articulated Dump Trucks; Industrial Lift Truck (mechanical tailgate)

TEAM0174-001 01/01/2012

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (North of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES

Rates Fringes

Truck drivers:
ZONE A:
GROUP 1:.................... $ 30.89 16.08
GROUP 2:.................... $ 30.05 16.08
GROUP 3:.................... $ 27.24 16.08
GROUP 4:.................... $ 22.27 16.08
GROUP 5:.................... $ 30.44 16.08

ZONE B (25-45 miles from center of listed cities*): Add $.70 per hour to Zone A rates.
ZONE C (over 45 miles from centr of listed cities*): Add $1.00 per hour to Zone A rates.

*Zone pay will be calculated from the city center of the following listed cities:

BELLINGHAM CENTRALIA RAYMOND OLYMPIA
EVERETT SHELTON ANACORTES BELLEVUE
SEATTLE PORT ANGELES MT. VERNON KENT
TACOMA PORT TOWNSEND ABERDEEN BREMERTON

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1 - "A-frame or Hydraulift" trucks and Boom trucks or similar equipment when "A" frame or "Hydraulift" and Boom truck or similar equipment is used; Buggymobile; Bulk Cement Tanker; Dumpsters and similar equipment, Tournorockers, Tournowagon, Tournotrailer, Cat DW series, Terra Cobra, Le Tourneau, Westinghouse, Athye Wagon, Euclid Two and Four-Wheeled power tractor with trailer and similar top-loaded equipment transporting material: Dump Trucks, side, end and bottom dump, including semi-trucks and trains or combinations thereof with 16 yards to 30 yards capacity: Over 30 yards $.15 per hour additional for each 10 yard increment; Explosive Truck (field mix) and similar equipment; Hyster Operators (handling bulk loose aggregates); Lowbed and Heavy Duty Trailer; Road Oil Distributor Driver; Spreader, Flaherty Transit mix used exclusively in heavy construction; Water Wagon and Tank Truck-3,000 gallons and over capacity

WA120001 Modification 13
Federal Wage Determinations for Highway Construction
GROUP 2 - Bulllifts, or similar equipment used in loading or unloading trucks, transporting materials on job site; Dumpsters, and similar equipment, Turnorockers, Tournowagon, Turnotrailers, Cat. D.W. Series, Terra Cobra, Le Tourneau, Westinghouse, Athye wagon, Euclid two and four-wheeled power tractor with trailer and similar top-loaded equipment transporting material: Dump trucks, side, end and bottom dump, including semi-trucks and trains or combinations thereof with less than 16 yards capacity; Flatbed (Dual Rear Axle); Grease Truck, Fuel Truck, Greaser, Battery Service Man and/or Tire Service Man; Leverman and loader at bunkers and batch plants; Oil tank transport; Scissor truck; Slurry Truck; Sno-Go and similar equipment; Swampers; Straddler Carrier (Ross, Hyster) and similar equipment; Team Driver; Tractor (small, rubber-tired)(when used within Teamster jurisdiction); Vacuum truck; Water Wagon and Tank trucks-less than 3,000 gallons capacity; Winch Truck; Wrecker, Tow truck and similar equipment

GROUP 3 - Flatbed (single rear axle); Pickup Sweeper; Pickup Truck. (Adjust Group 3 upward by $2.00 per hour for onsite work only)

GROUP 4 - Escort or Pilot Car

GROUP 5 - Mechanic

HAZMAT PROJECTS

Anyone working on a HAZMAT job, where HAZMAT certification is required, shall be compensated as a premium, in addition to the classification working in as follows:
LEVEL C: +$.25 per hour - This level uses an air purifying respirator or additional protective clothing.
LEVEL B: +$.50 per hour - Uses same respirator protection as Level A. Supplied air line is provided in conjunction with a chemical "splash suit."
LEVEL A: +$.75 per hour - This level utilizes a fully-encapsulated suit with a self-contained breathing apparatus or a supplied air line.
ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA COUNTIES

Truck drivers: (ANYONE WORKING ON HAZMAT JOBS SEE FOOTNOTE A BELOW)

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Zone Differential (Add to Zone 1 rate: Zone 2 - $2.00)

BASE POINTS: Spokane, Moses Lake, Pasco, Lewiston
Zone 1: 0-45 radius miles from the main post office.
Zone 2: Outside 45 radius miles from the main post office

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Escort Driver or Pilot Car; Employee Haul; Power Boat Hauling Employees or Material

GROUP 2: Fish Truck; Flat Bed Truck; Fork Lift (3000 lbs. and under); Leverperson (loading trucks at bunkers); Trailer Mounted Hydro Seeder and Mulcher; Seeder & Mulcher; Stationary Fuel Operator; Tractor (small, rubber-tired, pulling trailer or similar equipment)

GROUP 3: Auto Crane (2000 lbs. capacity); Buggy Mobile & Similar; Bulk Cement Tanks & Spreader; Dumptor (6 yds. & under); Flat Bed Truck with Hydraulic System; Fork Lift (3001-16,000 lbs.); Fuel Truck Driver, Steamcleaner & Washer; Power Operated Sweeper; Rubber-tired Tunnel Jumbo; Scissors Truck; Slurry Truck Driver; Straddle Carrier (Ross, Hyster, & similar); Tireperson; Transit Mixers & Truck Hauling Concrete (3 yd. to & including 6 yds.); Trucks, side, end, bottom & articulated end dump (3 yards to and including 6 yds.); Warehouseperson (to include shipping & receiving); Wrecker & Tow Truck

GROUP 4: A-Frame; Burner, Cutter, & Welder; Service Greaser; Trucks, side, end, bottom & articulated end dump (over 6 yards to and including 12 yds.); Truck Mounted Hydro Seeder; Warehouseperson; Water Tank truck (0-8,000 gallons)
GROUP 5: Dumper (over 6 yds.); Lowboy (50 tons & under); Self- loading Roll Off; Semi-Truck & Trailer; Tractor with Steer Trailer; Transit Mixers and Trucks Hauling Concrete (over 6 yds. to and including 10 yds.); Trucks, side, end, bottom and end dump (over 12 yds. to & including 20 yds.); Truck-Mounted Crane (with load bearing surface either mounted or pulled, up to 14 ton); Vacuum Truck (super sucker, guzzler, etc.)

GROUP 6: Flaherty Spreader Box Driver; Flowboys; Fork Lift (over 16,000 lbs.); Dumps (Semi-end); Mechanic (Field); Semi-end Dumps; Transfer Truck & Trailer; Transit Mixers & Trucks Hauling Concrete (over 10 yds. to & including 20 yds.); Trucks, side, end, bottom and articulated end dump (over 20 yds. to & including 40 yds.); Truck and Pup; Tournarocker, DWS & similar with 2 or more 4 wheel-power tractor with trailer, gallonage or yardage scale, whichever is greater Water Tank Truck (8,001-14,000 gallons); Lowboy (over 50 tons)

GROUP 7: Oil Distributor Driver; Stringer Truck (cable operated trailer); Transit Mixers & Trucks Hauling Concrete (over 20 yds.); Truck, side, end, bottom end dump (over 40 yds. to & including 100 yds.); Truck Mounted Crane (with load bearing surface either mounted or pulled (16 through 25 tons);

GROUP 8: Prime Movers and Stinger Truck; Trucks, side, end, bottom and articulated end dump (over 100 yds.); Helicopter Pilot Hauling Employees or Materials

Footnote A - Anyone working on a HAZMAT job, where HAZMAT certification is required, shall be compensated as a premium, in addition to the classification working in as follows:

LEVEL C-D: - $.50 PER HOUR (This is the lowest level of protection. This level may use an air purifying respirator or additional protective clothing.

LEVEL A-B: - $1.00 PER HOUR (Uses supplied air is conjunction with a chemical splash suit or fully encapsulated suit with a self-contained breathing apparatus.

Employees shall be paid Hazmat pay in increments of four(4) and eight(8) hours.
NOTE:
Trucks Pulling Equipment Trailers: shall receive $.15/hour over applicable truck rate

-----------------------------------------------

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

=================================================================================

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

=================================================================================

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLOM0198-005 07/01/2011. The first four letters, PLOM, indicate the international union and the four-digit number, 0198, that follows indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rate.
Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

WAGE DETERMINATION APPEALS PROCESS

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

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

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

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

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

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

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

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

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

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

4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION
State of Washington  
Department of Labor & Industries  
Prevailing Wage Section - Telephone 360-902-5335  
PO Box 44540, Olympia, WA 98504-4540

Washington State Prevailing Wage  
The PREVAILING WAGES listed here include both the hourly wage rate and the hourly rate of fringe benefits. On public works projects, worker's wage and benefit rates must add to not less than this total. A brief description of overtime calculation requirements are provided on the Benefit Code Key.

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8/3/2012
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<td>$32.66</td>
<td>7A</td>
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<td>7A</td>
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<td>7A</td>
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<td>Pipe Pot Tender</td>
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<td>7A</td>
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<td>7A</td>
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<td>7A</td>
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<td>7A</td>
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<td>Powderman's Helper</td>
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<td>7A</td>
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<td>Laborers</td>
<td>Power Jacks</td>
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<td>7A</td>
<td>2Y</td>
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<td>Laborers</td>
<td>Railroad Spike Puller - Power</td>
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<td>7A</td>
<td>2Y</td>
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<td>Laborers</td>
<td>Raker - Asphalt</td>
<td>$33.05</td>
<td>7A</td>
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<td>Re-timberman</td>
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<td>7A</td>
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<td>Laborers</td>
<td>Rigger/signal Person</td>
<td>$32.66</td>
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<td>2Y</td>
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<td>Laborers</td>
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<td>Yakima</td>
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<td>Tamper &amp; Similar Electric, Air &amp; Gas Operated Tools</td>
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<td>7A</td>
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<td>Tamper (multiple &amp; Self-propelled)</td>
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<td>7A</td>
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<td>Toolroom Person (at Jobsite)</td>
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<td>7A</td>
<td>2Y</td>
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<td>Track Liner (power)</td>
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<td>Well Point Laborer</td>
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<td>General Laborer &amp; Topman</td>
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<td>Laborers - Underground Sewer &amp; Water</td>
<td>Pipe Layer</td>
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<td>Irrigation Or Lawn Sprinkler Installers</td>
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<td>Landscape Equipment Operators Or Truck Drivers</td>
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<td>Landscaping Or Planting Laborers</td>
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<td>Yakima Millwright</td>
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<td>Yakima Painters</td>
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<td>Yakima Plumbers &amp; Pipefitters</td>
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<td>Barrier Machine (zipper)</td>
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<td>7A</td>
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<td>Batch Plant Operator, Concrete</td>
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<td>Concrete Pump: Truck Mount With Boom Attachment Over 42 M</td>
<td>$50.39</td>
<td>7A</td>
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<td>Yakima Power Equipment Operators</td>
<td>Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure.</td>
<td>$49.48</td>
<td>7A</td>
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<td>Yakima Power Equipment Operators</td>
<td>Concrete Pump: Truck Mount With Boom Attachment Up To 42m</td>
<td>$49.90</td>
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<td>Yakima Power Equipment Operators</td>
<td>Cranes: 20 Tons Through 44 Tons With Attachments Overhead, Bridge Type Crane: 20 Tons Through 44 Tons</td>
<td>$49.90</td>
<td>7A</td>
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<td>Yakima Power Equipment Operators</td>
<td>Cranes: 100 Tons Through 199 Tons, or 150' of boom (including jib with attachments); Overhead,</td>
<td>$50.94</td>
<td>7A</td>
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<tr>
<td>Location</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Cranes: 200 Tons To 300 Tons, Or 250' Of Boom (including Jib With Attachments)</td>
<td>$51.51</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (including Jib With Attachments)</td>
<td>$50.39</td>
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<td>Power Equipment Operators</td>
<td>Cranes: A-frame - 10 Tons And Under</td>
<td>$47.12</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Cranes: Friction 100 Tons Through 199 Tons</td>
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<td>Power Equipment Operators</td>
<td>Cranes: Friction Over 200 Tons</td>
<td>$52.07</td>
<td>7A</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Cranes: Over 300 Tons Or 300' Of Boom (including Jib With Attachments)</td>
<td>$52.07</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons</td>
<td>$49.48</td>
<td>7A</td>
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<td>Derrick, On Building Work</td>
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<td>Dozer Quad 9, HD 41, D10 and Over</td>
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<td>Dozers D-9 &amp; Under</td>
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<td>Power Equipment Operators</td>
<td>Drill Oilers: Auger Type, Truck Or Crane Mount</td>
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<td>7A</td>
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<td>Finishing Machine, Bidwell And Gamaco &amp; Similar Equipment</td>
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<td>Power Equipment Operators</td>
<td>Forklift: 3000 Lbs And Over With Attachments</td>
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<td>7A</td>
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<td>Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. &amp; Over</td>
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<td>Hydralifts/boom Trucks Over 10 Tons</td>
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<td>Loader, Overhead 8 Yards &amp; Over</td>
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<td>Loader, Overhead, 6 Yards But Not Including 8 Yards</td>
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<td>Overhead, Bridge Type: 45 Tons Through 99 Tons</td>
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<td>Pile Driver (other Than Crane Mount)</td>
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<td>Quick Tower - No Cab, Under 100 Feet In Height Based To Boom</td>
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<td>Remote Control Operator On Rubber Control Equipment</td>
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<td>Rigger And Bellman</td>
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<tr>
<td>Yakima</td>
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<td>Roller, Other Than Plant Mix</td>
<td>$47.12</td>
<td>7A</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Roller, Plant Mix Or Multi-lift Materials</td>
<td>$49.48</td>
<td>7A</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Roto-mill, Roto-grinder</td>
<td>$49.90</td>
<td>7A</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Saws - Concrete</td>
<td>$49.48</td>
<td>7A</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Scraper, Self Propelled Under 45 Yards</td>
<td>$49.90</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Scrapers - Concrete &amp; Carry All</td>
<td>$49.48</td>
<td>7A</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Scrapers, Self-propelled: 45 Yards And Over</td>
<td>$50.39</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Service Engineers - Equipment</td>
<td>$49.48</td>
<td>7A</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Shotcrete/gunite Equipment</td>
<td>$47.12</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Shovel , Excavator, Backhoe, Tractors Under 15 Metric Tons.</td>
<td>$49.48</td>
<td>7A</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons</td>
<td>$50.39</td>
<td>7A</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons</td>
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<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons</td>
<td>$50.94</td>
<td>7A</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Shovel, Excavator, Backhoes: Over 90 Metric Tons</td>
<td>$51.51</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Slipform Pavers</td>
<td>$50.39</td>
<td>7A</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Spreader, Topsider &amp; Screedman</td>
<td>$50.39</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Subgrader Trimmer</td>
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<td>7A</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Tower Bucket Elevators</td>
<td>$49.48</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Tower Crane Over 175'in Height, Base To Boom</td>
<td>$51.51</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Tower Crane Up To 175' In Height Base To Boom</td>
<td>$50.94</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Transporters, All Track Or Truck Type</td>
<td>$50.39</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Trenching Machines</td>
<td>$49.48</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Truck Crane Oiler/driver - 100 Tons And Over</td>
<td>$49.90</td>
<td>7A</td>
<td>1T</td>
</tr>
<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Truck Crane Oiler/driver Under 100 Tons</td>
<td>$49.48</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Truck Mount Portable Conveyor</td>
<td>$49.90</td>
<td>7A</td>
<td>1T</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Welder</td>
<td>$50.39</td>
<td>7A</td>
<td>1T</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Wheel Tractors, Farmall Type</td>
<td>$47.12</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Yo Yo Pay Dozer</td>
<td>$49.90</td>
<td>7A</td>
<td>1T</td>
</tr>
<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Assistant Engineer</td>
<td>$47.12</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Barrier Machine (zipper)</td>
<td>$49.90</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Batch Plant Operator, Concrete</td>
<td>$49.90</td>
<td>7A</td>
<td>1T</td>
</tr>
<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Bobcat</td>
<td>$47.12</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Brokk - Remote Demolition Equipment</td>
<td>$47.12</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Brooms</td>
<td>$47.12</td>
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<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Bump Cutter</td>
<td>$49.90</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Cableways</td>
<td>$50.39</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Chipper</td>
<td>$49.90</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Compressor</td>
<td>$47.12</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Concrete Pump: Truck Mount With Boom Attachment Over 42 M</td>
<td>$50.39</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Concrete Finish Machine - laser Screed</td>
<td>$47.12</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure.</td>
<td>$49.48</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Concrete Pump: Truck Mount With Boom Attachment Up To 42m</td>
<td>$49.90</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Conveyors</td>
<td>$49.48</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Cranes: 20 Tons Through 44 Tons With Attachments Overhead, Bridge Type Crane: 20 Tons Through 44 Tons</td>
<td>$49.90</td>
<td>7A</td>
<td>1T</td>
</tr>
<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Cranes: 200 Tons To 300 Tons, Or 250 Of Boom (Including Jib With Attachments)</td>
<td>$51.51</td>
<td>7A</td>
<td>1T</td>
</tr>
<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Cranes: A-frame - 10 Tons And Under</td>
<td>$47.12</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Cranes: Friction 100 Tons Through 199 Tons</td>
<td>$51.51</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Cranes: Friction Over 200 Tons</td>
<td>$52.07</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Cranes: Over 300 Tons Or 300' Of Boom (including Jib With Attachments)</td>
<td>$52.07</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Location</td>
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<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Crusher</td>
<td>$49.90</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Deck Engineer/deck Winches (power)</td>
<td>$49.90</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Dozer Quad 9, HD 41, D10 and Over</td>
<td>$50.39</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Dozers D-9 &amp; Under</td>
<td>$49.48</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Drill Oilers: Auger Type, Truck Or Crane Mount</td>
<td>$49.48</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Drilling Machine</td>
<td>$49.90</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Elevator And Man-lift: Permanent And Shaft Type</td>
<td>$47.12</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Finishing Machine, Bidwell And Gamaco &amp; Similar Equipment</td>
<td>$49.90</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Forklift: 3000 Lbs And Over With Attachments</td>
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<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Grade Engineer: Using Blue Prints, Cut Sheets, Etc</td>
<td>$49.90</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Gradechecker/stakeman</td>
<td>$47.12</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Guardrail Punch/Auger</td>
<td>$49.90</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. &amp; Over</td>
<td>$50.39</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Horizontal/directional Drill Locator</td>
<td>$49.48</td>
<td>7A</td>
<td>1T</td>
</tr>
<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Horizontal/directional Drill Operator</td>
<td>$49.90</td>
<td>7A</td>
<td>1T</td>
</tr>
<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Hydralifts/boom Trucks Over 10 Tons</td>
<td>$49.48</td>
<td>7A</td>
<td>1T</td>
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<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Hydralifts/boom Trucks, 10 Tons And Under</td>
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<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Loader, Overhead 8 Yards. &amp; Over</td>
<td>$50.94</td>
<td>7A</td>
<td>1T</td>
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<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Loaders, Overhead Under 6</td>
<td>$49.90</td>
<td>7A</td>
<td>1T</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
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<td></td>
<td>Loaders, Plant Feed</td>
<td>$49.90</td>
<td>7A</td>
<td>1T</td>
<td>8P</td>
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<td>Yakima</td>
<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
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<td>Loaders: Elevating Type Belt</td>
<td>$49.48</td>
<td>7A</td>
<td>1T</td>
<td>8P</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
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<tr>
<td></td>
<td>Locomotives, All</td>
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<td>7A</td>
<td>1T</td>
<td>8P</td>
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<td>Yakima</td>
<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
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<td>Material Transfer Device</td>
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<td>8P</td>
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<td>Yakima</td>
<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
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<td></td>
<td>Mechanics, All (leadmen - $0.50 Per Hour Over Mechanic)</td>
<td>$50.94</td>
<td>7A</td>
<td>1T</td>
<td>8P</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
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<td>Mixers: Asphalt Plant</td>
<td>$49.90</td>
<td>7A</td>
<td>1T</td>
<td>8P</td>
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<td>Yakima</td>
<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
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<tr>
<td></td>
<td>Motor Patrol Grader - Non-finishing</td>
<td>$49.48</td>
<td>7A</td>
<td>1T</td>
<td>8P</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
<td></td>
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<tr>
<td></td>
<td>Motor Patrol Graders, Finishing</td>
<td>$50.39</td>
<td>7A</td>
<td>1T</td>
<td>8P</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
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<tr>
<td></td>
<td>Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield</td>
<td>$50.39</td>
<td>7A</td>
<td>1T</td>
<td>8P</td>
</tr>
<tr>
<td>Yakima</td>
<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
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<td></td>
<td>Oil Distributors, Blower Distribution &amp; Mulch Seeding Operator</td>
<td>$47.12</td>
<td>7A</td>
<td>1T</td>
<td>8P</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
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<tr>
<td></td>
<td>Outside Hoists (elevators And Manlifts), Air Tuggers, strato</td>
<td>$49.48</td>
<td>7A</td>
<td>1T</td>
<td>8P</td>
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<td>Yakima</td>
<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
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<td></td>
<td>Overhead, Bridge Type: 45 Tons Through 99 Tons</td>
<td>$50.39</td>
<td>7A</td>
<td>1T</td>
<td>8P</td>
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<td>Yakima</td>
<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
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<td></td>
<td>Pavement Breaker</td>
<td>$47.12</td>
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<td>1T</td>
<td>8P</td>
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<td>Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons</td>
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<td>Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons</td>
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<td>Shovel, Excavator, Backhoe, Tractors: 15 To 30 Metric Tons</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
<td>Shovel, Excavator, Backhoe: Over 90 Metric Tons</td>
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<td>Subgrader Trimmer</td>
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<td>Tower Bucket Elevators</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
<td>Tower Crane Over 175' in Height, Base To Boom</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
<td>Tower Crane Up To 175' In Height Base To Boom</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
<td>Transporters, All Track Or Truck Type</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
<td>Trenching Machines</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
<td>Truck Crane Oilier/driver - 100 Tons And Over</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
<td>Truck Crane Oilier/driver Under 100 Tons</td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Wheel Tractors, Farmall Type</td>
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<td>Yo Yo Pay Dozer</td>
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<td>Power Line Clearance Tree Trimmers</td>
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<td>Refrigeration &amp; Air Conditioning Mechanics</td>
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<td>Residential Brick Mason</td>
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<td>Residential Cement Masons</td>
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<td>Residential Drywall Applicators</td>
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<td>Residential Drywall Tapers</td>
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<td>Residential Soft Floor Layers</td>
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<td>Residential Stone Masons</td>
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<td>Residential Terrazzo Workers</td>
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<td>Residential Tile Setters</td>
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<td>Roofers</td>
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<td>Sign Makers &amp; Installers (Non-Electrical)</td>
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<td>Yakima</td>
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<td>Surveyors</td>
<td>Chainman</td>
<td>$48.96</td>
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<td>Construction Site Surveyor</td>
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<td>Cable Splicer</td>
<td>$34.20</td>
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<td>Telephone Line Construction - Outside</td>
<td>Hole Digger/Ground Person</td>
<td>$18.72</td>
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<td>Telephone Line Construction - Outside</td>
<td>Special Aparatus Installer II</td>
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<td>Telephone Line Construction - Outside</td>
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<td>Telephone Line Construction - Outside</td>
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<td>Television Groundperson</td>
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<td>Telephone Line Construction - Outside</td>
<td>Television Lineperson/Installer</td>
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<td>Telephone Line Construction - Outside</td>
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<td>Telephone Line Construction - Outside</td>
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OVERTIME CODES

OVERTIME CALCULATIONS ARE BASED ON THE HOURLY RATE ACTUALLY PAID TO THE WORKER. ON PUBLIC WORKS PROJECTS, THE HOURLY RATE MUST BE NOT LESS THAN THE PREVAILING RATE OF WAGE MINUS THE HOURLY RATE OF THE COST OF FRINGE BENEFITS ACTUALLY PROVIDED FOR THE WORKER.

1. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

B. ALL HOURS WORKED ON SATURDAYS SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.

C. THE FIRST TWO (2) HOURS AFTER EIGHT (8) REGULAR HOURS MONDAY THROUGH FRIDAY AND THE FIRST TEN (10) HOURS ON SATURDAY SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL OTHER OVERTIME HOURS AND ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.

D. THE FIRST TWO (2) HOURS BEFORE OR AFTER A FIVE - EIGHT (8) HOUR WORK WEEK DAY OR A FOUR - TEN (10) HOUR WORK WEEK DAY AND THE FIRST EIGHT (8) HOURS WORKED THE NEXT DAY AFTER EITHER WORK WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL ADDITIONAL HOURS WORKED AND ALL WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.

E. THE FIRST TWO (2) HOURS AFTER EIGHT (8) REGULAR HOURS MONDAY THROUGH FRIDAY AND THE FIRST EIGHT (8) HOURS ON SATURDAY SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL OTHER HOURS WORKED MONDAY THROUGH SATURDAY, AND ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.

F. THE FIRST TWO (2) HOURS AFTER EIGHT (8) REGULAR HOURS MONDAY THROUGH FRIDAY AND THE FIRST TEN (10) HOURS ON SATURDAY SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL OTHER OVERTIME HOURS WORKED, EXCEPT LABOR DAY, SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON LABOR DAY SHALL BE PAID AT THREE TIMES THE HOURLY RATE OF WAGE.

G. THE FIRST TEN (10) HOURS WORKED ON SATURDAYS AND THE FIRST TEN (10) HOURS WORKED ON A FIFTH CALENDAR WEEKDAY IN A FOUR - TEN HOUR SCHEDULE, SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED IN EXCESS OF TEN (10) HOURS PER DAY MONDAY THROUGH SATURDAY AND ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.

H. ALL HOURS WORKED ON SATURDAYS (EXCEPT MAKEUP DAYS IF WORK IS LOST DUE TO INCLEMENT WEATHER CONDITIONS OR EQUIPMENT BREAKDOWN) SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED MONDAY THROUGH SATURDAY OVER TWELVE (12) HOURS AND ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.

I. ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL ALSO BE PAID AT ONE AND DOUBLE THE HOURLY RATE OF WAGE.

J. THE FIRST TWO (2) HOURS AFTER EIGHT (8) REGULAR HOURS MONDAY THROUGH FRIDAY AND THE FIRST TEN (10) HOURS ON SATURDAY SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED OVER TEN (10) HOURS MONDAY THROUGH SATURDAY, SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.

K. ALL HOURS WORKED ON SATURDAYS AND SUNDAYS SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.

L. ALL HOURS WORKED IN EXCESS OF TEN (10) HOURS PER DAY MONDAY THROUGH SATURDAY AND ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.

M. ALL HOURS WORKED ON SATURDAYS (EXCEPT MAKEUP DAYS IF WORK IS LOST DUE TO INCLEMENT WEATHER CONDITIONS) SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.

N. ALL HOURS WORKED ON SATURDAYS (EXCEPT MAKEUP DAYS) SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.
THE FIRST TEN (10) HOURS WORKED ON SATURDAY SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON SUNDAYS, HOLIDAYS AND AFTER TWELVE (12) HOURS, MONDAY THROUGH FRIDAY, AND AFTER TEN (10) HOURS ON SATURDAY SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.

ALL HOURS WORKED ON SATURDAYS (EXCEPT MAKEUP DAYS IF CIRCUMSTANCES WARRANT) AND SUNDAYS SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.

THE FIRST TWO (2) HOURS AFTER EIGHT (8) REGULAR HOURS MONDAY THROUGH FRIDAY AND UP TO TEN (10) HOURS WORKED ON SATURDAYS SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED IN EXCESS OF TEN (10) HOURS PER DAY MONDAY THROUGH SATURDAY AND ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS (EXCEPT CHRISTMAS DAY) SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON CHRISTMAS DAY SHALL BE PAID AT TWO AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT TWO TIMES THE HOURLY RATE OF WAGE.

THE FIRST TWO (2) HOURS AFTER EIGHT (8) REGULAR HOURS MONDAY THROUGH FRIDAY AND THE FIRST EIGHT (8) HOURS ON SATURDAY SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON HOLIDAYS AND ALL OTHER OVERTIME HOURS WORKED, EXCEPT LABOR DAY, SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON LABOR DAY SHALL BE PAID AT THREE TIMES THE HOURLY RATE OF WAGE.

WORK PERFORMED IN EXCESS OF EIGHT (8) HOURS OF STRAIGHT TIME PER DAY, OR TEN (10) HOURS OF STRAIGHT TIME PER DAY WHEN FOUR TEN (10) HOUR SHIFTS ARE ESTABLISHED, OR FORTY (40) HOURS OF STRAIGHT TIME PER WEEK, MONDAY THROUGH FRIDAY, OR OUTSIDE THE NORMAL SHIFT, AND ALL WORK ON SATURDAYS SHALL BE PAID AT TIME AND ONE-HALF THE STRAIGHT TIME RATE. HOURS WORKED OVER TWELVE HOURS (12) IN A SINGLE SHIFT AND ALL WORK PERFORMED AFTER 6:00 PM SATURDAY TO 6:00 AM MONDAY AND HOLIDAYS SHALL BE PAID AT DOUBLE THE STRAIGHT TIME RATE OF PAY. THE EMPLOYER SHALL HAVE THE SOLE DISCRETION TO ASSIGN OVERTIME WORK TO EMPLOYEES. PRIMARY CONSIDERATION FOR OVERTIME WORK SHALL BE GIVEN TO EMPLOYEES REGULARLY ASSIGNED TO THE WORK TO BE PERFORMED ON OVERTIME SITUATIONS. AFTER AN EMPLOYEE HAS WORKED EIGHT (8) HOURS AT AN APPLICABLE OVERTIME RATE, ALL ADDITIONAL HOURS SHALL BE AT THE APPLICABLE OVERTIME RATE UNTIL SUCH TIME AS THE EMPLOYEE HAS HAD A BREAK OF EIGHT (8) HOURS OR MORE.

ALL HOURS WORKED ON SATURDAYS SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS (EXCEPT LABOR DAY) SHALL BE PAID AT TWO TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON LABOR DAY SHALL BE PAID AT THREE TIMES THE HOURLY RATE OF WAGE.

ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS (EXCEPT THANKSGIVING DAY AND CHRISTMAS DAY) SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON THANKSGIVING DAY AND CHRISTMAS DAY SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.

ALL HOURS WORKED ON SATURDAYS AND SUNDAYS (EXCEPT MAKE-UP DAYS DUE TO CONDITIONS BEYOND THE CONTROL OF THE EMPLOYER) SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.


ALL HOURS WORKED OUTSIDE THE HOURS OF 5:00 AM AND 5:00 PM (OR SUCH OTHER HOURS AS MAY BE AGREED UPON BY ANY EMPLOYER AND THE EMPLOYEE) AND ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY (10 HOURS PER DAY FOR A 4 X 10 WORKWEEK) AND ON SATURDAYS AND HOLIDAYS (EXCEPT LABOR DAY) SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. (EXCEPT FOR EMPLOYEES WHO ARE ABSENT FROM WORK WITHOUT PRIOR APPROVAL ON A SCHEDULED WORKDAY DURING THE WORKWEEK SHALL BE PAID AT THE STRAIGHT-RATE-TIME UNTIL THEY HAVE WORKED 8 HOURS IN A DAY (10 IN A 4 X 10 WORKWEEK) OR 40 HOURS DURING THAT WORKWEEK.) ALL HOURS WORKED MONDAY THROUGH SATURDAY OVER TWELVE (12) HOURS AND ALL HOURS WORKED ON SUNDAYS AND LABOR DAY SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.
1. ALL HOURS WORKED ON SATURDAYS AND SUNDAYS SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON HOLIDAYS SHALL BE PAID THE STRAIGHT TIME RATE OF PAY IN ADDITION TO HOLIDAY PAY.

2. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

B. ALL HOURS WORKED ON HOLIDAYS SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

C. ALL HOURS WORKED ON SUNDAYS SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON HOLIDAYS SHALL BE PAID AT TWO TIMES THE HOURLY RATE OF WAGE.

F. THE FIRST EIGHT (8) HOURS WORKED ON HOLIDAYS SHALL BE PAID AT THE STRAIGHT HOURLY RATE OF WAGE IN ADDITION TO THE HOLIDAY PAY. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS ON HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.

G. ALL HOURS WORKED ON SUNDAY SHALL BE PAID AT TWO TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON PAID HOLIDAYS SHALL BE PAID AT TWO AND ONE-HALF TIMES THE HOURLY RATE OF WAGE INCLUDING HOLIDAY PAY.

H. ALL HOURS WORKED ON SUNDAY SHALL BE PAID AT TWO TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON HOLIDAYS SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

K. ALL HOURS WORKED ON HOLIDAYS SHALL BE PAID AT TWO TIMES THE HOURLY RATE OF WAGE IN ADDITION TO THE HOLIDAY PAY.

O. ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

R. ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS AND ALL HOURS WORKED OVER SIXTY (60) IN ONE WEEK SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.

U. ALL HOURS WORKED ON SATURDAYS SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED OVER TWELVE (12) HOURS IN A DAY, OR ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.


Y. ALL HOURS WORKED ON SATURDAYS (EXCEPT FOR MAKE-UP DAYS) SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED MONDAY THROUGH SATURDAY OVER TWELVE (12) HOURS AND ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.

Z. ALL HOURS WORKED MONDAY THROUGH FRIDAY BETWEEN THE HOURS OF 6:00 P.M. AND 6:00 A.M. AND ALL HOURS WORKED ON SATURDAYS SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE, EXCEPT FOR COMMERCIAL, OCCUPIED BUILDINGS WHERE FLOOR COVERING WORK CANNOT BE PERFORMED IN THE REGULAR DAYTIME HOURS DUE TO OCCUPANCY. FOR SUCH OCCUPIED, COMMERCIAL BUILDINGS, THE EMPLOYEE MAY AGREE TO WORK BETWEEN THE HOURS OF 6:00 PM TO 6:00 AM MONDAY THROUGH SATURDAY MORNING AT 6:00 AM AT AN OVERTIME PAY RATE OF 10% OVER THE STRAIGHT TIME RATE. ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.
3. **ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.**

   **A. WORK PERFORMED IN EXCESS OF EIGHT (8) HOURS OF STRAIGHT TIME PER DAY, OR TEN (10) HOURS OF STRAIGHT TIME PER DAY WHEN FOUR TEN (10) HOUR SHIFTS ARE ESTABLISHED, OR FORTY (40) HOURS OF STRAIGHT TIME PER WEEK, MONDAY THROUGH FRIDAY, OR OUTSIDE THE NORMAL SHIFT, AND ALL WORK ON SATURDAYS SHALL BE PAID AT TIME AND ONE-HALF THE STRAIGHT TIME RATE. HOURS WORKED OVER TWELVE HOURS (12) IN A SINGLE SHIFT AND ALL WORK PERFORMED AFTER 6:00 PM SATURDAY TO 6:00 AM MONDAY AND HOLIDAYS SHALL BE PAID AT DOUBLE THE STRAIGHT TIME RATE OF PAY. ANY SHIFT STARTING BETWEEN THE HOURS OF 6:00 PM AND MIDNIGHT SHALL RECEIVE AN ADDITIONAL ONE DOLLAR ($1.00) PER HOUR FOR ALL HOURS WORKED THAT SHIFT.**

   **B. THE FIRST FOUR (4) HOURS AFTER EIGHT (8) REGULAR HOURS MONDAY THROUGH FRIDAY AND THE FIRST TWELVE (12) HOURS ON SATURDAY SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED OVER TWELVE (12) HOURS MONDAY THROUGH SATURDAY, AND ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.**

4. **ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.**

   **A. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON SATURDAYS, SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.**

   **B. ALL HOURS WORKED ON SATURDAYS (EXCEPT MAKEUP DAYS IF WORK IS LOST DUE TO INCLEMENT WEATHER CONDITIONS) SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED MONDAY THROUGH SATURDAY OVER TWELVE (12) HOURS AND ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.**

**HOLIDAY CODES**

5. **A. HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, FRIDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (7).**

   **B. HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, FRIDAY AFTER THANKSGIVING DAY, THE DAY BEFORE CHRISTMAS, AND CHRISTMAS DAY (8).**

   **C. HOLIDAYS: NEW YEAR'S DAY, PRESIDENTS' DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (8).**

   **D. HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE FRIDAY AND SATURDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (8).**

   **H. HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, THANKSGIVING DAY, THE DAY AFTER THANKSGIVING DAY, AND CHRISTMAS (6).**

   **I. HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, AND CHRISTMAS DAY (6).**

   **J. HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, THANKSGIVING DAY, FRIDAY AFTER THANKSGIVING DAY, CHRISTMAS EVE DAY, AND CHRISTMAS DAY (7).**

   **K. HOLIDAYS: NEW YEAR'S DAY, PRESIDENTS' DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, FRIDAY AFTER THANKSGIVING DAY, THE DAY BEFORE CHRISTMAS, AND CHRISTMAS DAY (9).**
5. **L. HOLIDAYS:** NEW YEAR'S DAY, MARTIN LUTHER KING JR. DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, FRIDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (8).

**N. HOLIDAYS:** NEW YEAR'S DAY, PRESIDENTS' DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, VETERANS' DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (9).

**P. HOLIDAYS:** NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, FRIDAY AND SATURDAY AFTER THANKSGIVING DAY, THE DAY BEFORE CHRISTMAS, AND CHRISTMAS DAY (9). IF A HOLIDAY FALLS ON SUNDAY, THE FOLLOWING MONDAY SHALL BE CONSIDERED AS A HOLIDAY.

**R. PAID HOLIDAYS:** NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, DAY AFTER THANKSGIVING DAY, ONE-HALF DAY BEFORE CHRISTMAS DAY, AND CHRISTMAS DAY (7 1/2).

**S. PAID HOLIDAYS:** NEW YEAR'S DAY, PRESIDENTS' DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, AND CHRISTMAS DAY (7).

**T. PAID HOLIDAYS:** NEW YEAR'S DAY, WASHINGTON'S BIRTHDAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, CHRISTMAS DAY, AND THE DAY BEFORE OR AFTER CHRISTMAS (9).

**Z. HOLIDAYS:** NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, VETERANS DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (8).

6. **A. PAID HOLIDAYS:** NEW YEAR'S DAY, PRESIDENTS' DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (8).

**E. PAID HOLIDAYS:** NEW YEAR'S DAY, DAY BEFORE OR AFTER NEW YEAR'S DAY, PRESIDENTS' DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, DAY AFTER THANKSGIVING DAY, CHRISTMAS DAY, AND A HALF-DAY ON CHRISTMAS EVE DAY. (9 1/2).

**G. PAID HOLIDAYS:** NEW YEAR'S DAY, MARTIN LUTHER KING JR. DAY, PRESIDENTS' DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, VETERANS’ DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, CHRISTMAS DAY, AND CHRISTMAS EVE DAY (11).

**H. PAID HOLIDAYS:** NEW YEAR'S DAY, NEW YEAR'S EVE DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, FRIDAY AFTER THANKSGIVING DAY, CHRISTMAS DAY, THE DAY AFTER CHRISTMAS, AND A FLOATING HOLIDAY (10).

**I. PAID HOLIDAYS:** NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, FRIDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (7).

**Q. PAID HOLIDAYS:** NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, VETERANS DAY, THANKSGIVING DAY, THE DAY AFTER THANKSGIVING DAY AND CHRISTMAS DAY (8). UNPAID HOLIDAY: PRESIDENTS' DAY.

**T. PAID HOLIDAYS:** NEW YEAR'S DAY, PRESIDENTS' DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, THE LAST WORKING DAY BEFORE CHRISTMAS DAY, AND CHRISTMAS DAY (9).

**Z. HOLIDAYS:** NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, FRIDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (7). IF A HOLIDAY FALLS ON SATURDAY, THE PRECEDING FRIDAY SHALL BE CONSIDERED AS THE HOLIDAY. IF A HOLIDAY FALLS ON SUNDAY, THE FOLLOWING MONDAY SHALL BE CONSIDERED AS THE HOLIDAY.

7. **A. HOLIDAYS:** NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE FRIDAY AND SATURDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (8). ANY HOLIDAY WHICH FALLS ON A SUNDAY SHALL BE OBSERVED AS A HOLIDAY ON THE FOLLOWING MONDAY. IF ANY OF THE LISTED HOLIDAYS FALLS ON A SATURDAY, THE PRECEDING FRIDAY SHALL BE A REGULAR WORK DAY.

**B. HOLIDAYS:** NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE FRIDAY AND SATURDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (8). ANY HOLIDAY WHICH FALLS ON A SUNDAY SHALL BE OBSERVED AS A HOLIDAY ON THE FOLLOWING MONDAY. ANY HOLIDAY WHICH FALLS ON A SATURDAY SHALL BE OBSERVED AS A HOLIDAY ON THE PRECEDING FRIDAY.
HOLIDAYS: NEW YEAR'S DAY, MARTIN LUTHER KING JR. DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (8). ANY HOLIDAY WHICH FALLS ON A SUNDAY SHALL BE OBSERVED AS A HOLIDAY ON THE FOLLOWING MONDAY. ANY HOLIDAY WHICH FALLS ON A SATURDAY SHALL BE OBSERVED AS A HOLIDAY ON THE PRECEDING FRIDAY.

PAID HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, VETERAN'S DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (8). UNPAID HOLIDAYS: PRESIDENT'S DAY. ANY PAID HOLIDAY WHICH FALLS ON A SUNDAY SHALL BE OBSERVED AS A HOLIDAY ON THE FOLLOWING MONDAY. ANY PAID HOLIDAY WHICH FALLS ON A SATURDAY SHALL BE OBSERVED AS A HOLIDAY ON THE PRECEDING FRIDAY.

HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (7). ANY HOLIDAY WHICH FALLS ON A SUNDAY SHALL BE OBSERVED AS A HOLIDAY ON THE FOLLOWING MONDAY. ANY HOLIDAY WHICH FALLS ON A SATURDAY SHALL BE OBSERVED AS A HOLIDAY ON THE PRECEDING FRIDAY.

HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, THE LAST WORKING DAY BEFORE CHRISTMAS DAY AND CHRISTMAS DAY (8). ANY HOLIDAY WHICH FALLS ON A SUNDAY SHALL BE OBSERVED AS A HOLIDAY ON THE FOLLOWING MONDAY. ANY HOLIDAY WHICH FALLS ON A SATURDAY SHALL BE OBSERVED AS A HOLIDAY ON THE PRECEDING FRIDAY.

HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, THE DAY BEFORE CHRISTMAS DAY AND CHRISTMAS DAY (9). ANY HOLIDAY WHICH FALLS ON A SUNDAY SHALL BE OBSERVED AS A HOLIDAY ON THE FOLLOWING MONDAY. ANY HOLIDAY WHICH FALLS ON A SATURDAY SHALL BE OBSERVED AS A HOLIDAY ON THE PRECEDING FRIDAY.

HOLIDAYS: NEW YEAR'S DAY, MARTIN LUTHER KING JR. DAY, INDEPENDENCE DAY, MEMORIAL DAY, LABOR DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, THE DAY BEFORE CHRISTMAS DAY AND CHRISTMAS DAY (9). ANY HOLIDAY WHICH FALLS ON A SUNDAY SHALL BE OBSERVED AS A HOLIDAY ON THE FOLLOWING MONDAY. ANY HOLIDAY WHICH FALLS ON A SATURDAY SHALL BE OBSERVED AS A HOLIDAY ON THE PRECEDING FRIDAY.

HOLIDAYS: NEW YEAR'S DAY, PRESIDENT'S DAY, INDEPENDENCE DAY, MEMORIAL DAY, LABOR DAY, THANKSGIVING DAY, THE DAY BEFORE CHRISTMAS DAY AND CHRISTMAS DAY (9). ANY HOLIDAY WHICH FALLS ON A SUNDAY SHALL BE OBSERVED AS A HOLIDAY ON THE FOLLOWING MONDAY. ANY HOLIDAY WHICH FALLS ON A SATURDAY SHALL BE OBSERVED AS A HOLIDAY ON THE PRECEDING FRIDAY.

HOLIDAYS: NEW YEAR'S DAY, INDEPENDENCE DAY, MEMORIAL DAY, LABOR DAY, THANKSGIVING DAY AND CHRISTMAS DAY (6). ANY HOLIDAY WHICH FALLS ON A SUNDAY SHALL BE OBSERVED AS A HOLIDAY ON THE FOLLOWING MONDAY. ANY HOLIDAY WHICH FALLS ON A SATURDAY SHALL BE OBSERVED AS A HOLIDAY ON THE PRECEDING FRIDAY.

HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (8). ANY HOLIDAY WHICH FALLS ON A SUNDAY SHALL BE OBSERVED AS A HOLIDAY ON THE FOLLOWING MONDAY. ANY HOLIDAY WHICH FALLS ON A SATURDAY SHALL BE OBSERVED AS A HOLIDAY ON THE PRECEDING FRIDAY.

HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, LABOR DAY, INDEPENDENCE DAY, THANKSGIVING DAY, THE LAST WORKING DAY BEFORE CHRISTMAS DAY, AND CHRISTMAS DAY (7). ANY HOLIDAY WHICH FALLS ON A SUNDAY SHALL BE OBSERVED AS A HOLIDAY ON THE FOLLOWING MONDAY. ANY HOLIDAY WHICH FALLS ON A SATURDAY SHALL BE OBSERVED AS A HOLIDAY ON THE PRECEDING FRIDAY.

PAID HOLIDAYS: NEW YEAR'S DAY, THE DAY AFTER OR BEFORE NEW YEAR'S DAY, PRESIDENT'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, CHRISTMAS DAY, AND THE DAY AFTER OR BEFORE CHRISTMAS DAY. ANY HOLIDAY WHICH FALLS ON A SUNDAY SHALL BE OBSERVED AS A HOLIDAY ON THE FOLLOWING MONDAY. ANY HOLIDAY WHICH FALLS ON A SATURDAY SHALL BE OBSERVED AS A HOLIDAY ON THE PRECEDING FRIDAY.

HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (7). ANY HOLIDAY WHICH FALLS ON A SUNDAY SHALL BE OBSERVED AS A HOLIDAY ON THE FOLLOWING MONDAY. WHEN CHRISTMAS FALLS ON A SATURDAY, THE PRECEDING FRIDAY SHALL BE OBSERVED AS A HOLIDAY.

P. HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, FRIDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (7). ANY HOLIDAY WHICH FALLS ON A SUNDAY SHALL BE OBSERVED AS A HOLIDAY ON THE FOLLOWING MONDAY.


NOTE CODES

8. A. IN ADDITION TO THE HOURLY WAGE AND FRINGE BENEFITS, THE FOLLOWING DEPTH PREMIUMS APPLY TO DEPTHS OF FIFTY FEET OR MORE:
   OVER 50' TO 100' - $2.00 PER FOOT FOR EACH FOOT OVER 50 FEET
   OVER 100' TO 150' - $3.00 PER FOOT FOR EACH FOOT OVER 100 FEET
   OVER 150' TO 220' - $4.00 PER FOOT FOR EACH FOOT OVER 150 FEET
   OVER 220' - $5.00 PER FOOT FOR EACH FOOT OVER 220 FEET

C. IN ADDITION TO THE HOURLY WAGE AND FRINGE BENEFITS, THE FOLLOWING DEPTH PREMIUMS APPLY TO DEPTHS OF FIFTY FEET OR MORE:
   OVER 50' TO 100' - $1.00 PER FOOT FOR EACH FOOT OVER 50 FEET
   OVER 100' TO 150' - $1.50 PER FOOT FOR EACH FOOT OVER 100 FEET
   OVER 150' TO 200' - $2.00 PER FOOT FOR EACH FOOT OVER 150 FEET
   OVER 200' - DIVERS MAY NAME THEIR OWN PRICE

D. WORKERS WORKING WITH SUPPLIED AIR ON HAZMAT PROJECTS RECEIVE AN ADDITIONAL $1.00 PER HOUR.

L. WORKERS ON HAZMAT PROJECTS RECEIVE ADDITIONAL HOURLY PREMIUMS AS FOLLOWS - LEVEL A: $0.75, LEVEL B: $0.50, AND LEVEL C: $0.25.

M. WORKERS ON HAZMAT PROJECTS RECEIVE ADDITIONAL HOURLY PREMIUMS AS FOLLOWS: LEVELS A & B: $1.00, LEVELS C & D: $0.50.

N. WORKERS ON HAZMAT PROJECTS RECEIVE ADDITIONAL HOURLY PREMIUMS AS FOLLOWS - LEVEL A: $1.00, LEVEL B: $0.75, LEVEL C: $0.50, AND LEVEL D: $0.25

P. WORKERS ON HAZMAT PROJECTS RECEIVE ADDITIONAL HOURLY PREMIUMS AS FOLLOWS - CLASS A SUIT: $2.00, CLASS B SUIT: $1.50, CLASS C SUIT: $1.00, AND CLASS D SUIT $0.50.

Q. THE HIGHEST PRESSURE REGISTERED ON THE GAUGE FOR AN ACCUMULATED TIME OF MORE THAN FIFTEEN (13) MINUTES DURING THE SHIFT SHALL BE USED IN DETERMINING THE SCALE PAID.
Washington State Department of Labor and Industries
Policy Statement
(Regarding the Production of "Standard" or "Non-standard" Items)

Below is the department's (State L&I's) list of criteria to be used in determining whether a prefabricated item is "standard" or "non-standard". For items not appearing on WSDOT's predetermined list, these criteria shall be used by the Contractor (and the Contractor's subcontractors, agents to subcontractors, suppliers, manufacturers, and fabricators) to determine coverage under RCW 39.12. The production, in the State of Washington, of non-standard items is covered by RCW 39.12, and the production of standard items is not. The production of any item outside the State of Washington is not covered by RCW 39.12.

1. Is the item fabricated for a public works project? If not, it is not subject to RCW 39.12. If it is, go to question 2.

2. Is the item fabricated on the public works jobsite? If it is, the work is covered under RCW 39.12. If not, go to question 3.

3. Is the item fabricated in an assembly/fabrication plant set up for, and dedicated primarily to, the public works project? If it is, the work is covered by RCW 39.12. If not, go to question 4.

4. Does the item require any assembly, cutting, modification or other fabrication by the supplier? If not, the work is not covered by RCW 39.12. If yes, go to question 5.

5. Is the prefabricated item intended for the public works project typically an inventory item which could reasonably be sold on the general market? If not, the work is covered by RCW 39.12. If yes, go to question 6.

6. Does the specific prefabricated item, generally defined as standard, have any unusual characteristics such as shape, type of material, strength requirements, finish, etc? If yes, the work is covered under RCW 39.12.

Any firm with questions regarding the policy, WSDOT's Predetermined List, or for determinations of covered and non-covered workers shall be directed to State L&I at (360) 902-5330.

Supplemental to Wage Rates
03/02/2012 Edition, Published February, 2012
Below is a list of potentially prefabricated items, originally furnished by WSDOT to Washington State Department of Labor and Industries, that may be considered non-standard and therefore covered by the prevailing wage law, RCW 39.12. Items marked with an X in the "YES" column should be considered to be non-standard and therefore covered by RCW 39.12. Items marked with an X in the "NO" column should be considered to be standard and therefore not covered. Of course, exceptions to this general list may occur, and in that case shall be evaluated according to the criteria described in State and L&I's policy statement.

<table>
<thead>
<tr>
<th>ITEM DESCRIPTION</th>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Metal rectangular frames, solid metal covers, herringbone grates, and bi-directional vaned grates for Catch Basin Types 1, 1L, 1P, and 2 and Concrete Inlets. See Std. Plans</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>2. Metal circular frames (rings) and covers, circular grates, and prefabricated ladders for Manhole Types 1, 2, and 3, Drywell Types 1, 2, and 3 and Catch Basin Type 2. See Std. Plans</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>3. Prefabricated steel grate supports and welded grates, metal frames and dual vaned grates, and Type 1, 2, and 3 structural tubing grates for Drop Inlets. See Std. Plans.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>4. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes smaller than 60 inch diameter.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>5. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes larger than 60 inch diameter.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>6. Corrugated Steel Pipe - Steel lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, 1 thru 5.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>7. Corrugated Aluminum Pipe - Aluminum lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, #5.</td>
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<td>X</td>
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<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
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<td>----------------------------------------------------------------------------------</td>
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<tr>
<td>8. Anchor Bolts &amp; Nuts - Anchor Bolts and Nuts, for mounting sign structures,</td>
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<td>X</td>
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<tr>
<td>luminaries and other items, shall be made from commercial bolt stock. See</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contract Plans and Std. Plans for size and material type.</td>
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<tr>
<td>9. Aluminum Pedestrian Handrail - Pedestrian handrail conforming to the type and</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>material specifications set forth in the contract plans. Welding of aluminum</td>
<td></td>
<td></td>
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<tr>
<td>shall be in accordance with Section 9-28.14(3).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10. Major Structural Steel Fabrication - Fabrication of major steel items such</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>as trusses, beams, girders, etc., for bridges.</td>
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</tr>
<tr>
<td>11. Minor Structural Steel Fabrication - Fabrication of minor steel items such</td>
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<td>X</td>
</tr>
<tr>
<td>as special hangers, brackets, access doors for structures, access ladders for</td>
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<tr>
<td>irrigation boxes, bridge expansion joint systems, etc., involving welding,</td>
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<tr>
<td>cutting, punching and/or boring of holes. See Contact Plans for item description</td>
<td></td>
<td></td>
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<tr>
<td>and shop drawings.</td>
<td></td>
<td></td>
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<tr>
<td>12. Aluminum Bridge Railing Type BP - Metal bridge railing conforming to the</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>type and material specifications set forth in the Contract Plans. Welding of</td>
<td></td>
<td></td>
</tr>
<tr>
<td>aluminum shall be in accordance with Section 9-28.14(3).</td>
<td></td>
<td></td>
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<tr>
<td>13. Concrete Piling--Precast-Prestressed concrete piling for use as 55 and 70</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>ton concrete piling. Concrete to conform to Section 9-19.1 of Std. Spec..</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14. Precast Manhole Types 1, 2, and 3 with cones, adjustment sections and flat</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>top slabs. See Std. Plans.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15. Precast Drywell Types 1, 2, and with cones and adjustment Sections.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>See Std. Plans.</td>
<td></td>
<td></td>
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<tr>
<td>16. Precast Catch Basin - Catch Basin type 1, 1L, 1P, and 2 With adjustment</td>
<td></td>
<td>X</td>
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<tr>
<td>sections. See Std. Plans.</td>
<td></td>
<td></td>
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<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
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<td>---------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>17. Precast Concrete Inlet - with adjustment sections, See Std. Plans</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>18. Precast Drop Inlet Type 1 and 2 with metal grate supports. See Std. Plans</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>19. Precast Grate Inlet Type 2 with extension and top units. See Std. Plans</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>20. Metal frames, vaned grates, and hoods for Combination Inlets. See Std. Plans</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>21. Precast Concrete Utility Vaults - Precast Concrete utility vaults of various sizes. Used for in ground storage of utility facilities and controls. See Contract Plans for size and construction requirements. Shop drawings are to be provided for approval prior to casting</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>22. Vault Risers - For use with Valve Vaults and Utilities Vaults.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>23. Valve Vault - For use with underground utilities. See Contract Plans for details.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>24. Precast Concrete Barrier - Precast Concrete Barrier for use as new barrier or may also be used as Temporary Concrete Barrier. Only new state approved barrier may be used as permanent barrier.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>25. Reinforced Earth Wall Panels – Reinforced Earth Wall Panels in size and shape as shown in the Plans. Fabrication plant has annual approval for methods and materials to be used. See Shop Drawing. Fabrication at other locations may be approved, after facilities inspection, contact HQ. Lab.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>26. Precast Concrete Walls - Precast Concrete Walls - tilt-up wall panel in size and shape as shown in Plans. Fabrication plant has annual approval for methods and materials to be used</td>
<td></td>
<td>X</td>
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<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
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<td>---------------------------------------------------------------------------------</td>
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<tr>
<td>27. Precast Railroad Crossings - Concrete Crossing Structure Slabs.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>28. 12, 18 and 26 inch Standard Precast Prestressed Girder – Standard Precast</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prestressed Girder for use in structures. Fabricator plant has annual approval</td>
<td></td>
<td></td>
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<tr>
<td>of methods and materials to be used. Shop Drawing to be provided for approval</td>
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<td></td>
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<tr>
<td>prior to casting girders. See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
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<tr>
<td>29. Prestressed Concrete Girder Series 4-14 - Prestressed Concrete Girders</td>
<td></td>
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<tr>
<td>for use in structures. Fabricator plant has annual approval of methods and</td>
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<tr>
<td>materials to be used. Shop Drawing to be provided for approval prior to casting</td>
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<tr>
<td>girders. See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
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<tr>
<td>30. Prestressed Tri-Beam Girder - Prestressed Tri-Beam Girders for use in</td>
<td></td>
<td></td>
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<tr>
<td>structures. Fabricator plant has annual approval of methods and materials to be</td>
<td></td>
<td></td>
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<tr>
<td>used. Shop Drawing to be provided for approval prior to casting girders.</td>
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<tr>
<td>See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
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<tr>
<td>31. Prestressed Precast Hollow-Core Slab – Precast Prestressed Hollow-core slab</td>
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<tr>
<td>for use in structures. Fabricator plant has annual approval of methods and</td>
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<tr>
<td>materials to be used. Shop Drawing to be provided for approval prior to casting</td>
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<td></td>
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<tr>
<td>girders. See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
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<tr>
<td>32. Prestressed-Bulb Tee Girder - Bulb Tee Prestressed Girder for use in</td>
<td></td>
<td></td>
</tr>
<tr>
<td>structures. Fabricator plant has annual approval of methods and materials to be</td>
<td></td>
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<tr>
<td>used. Shop Drawing to be provided for approval prior to casting girders.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>33. Monument Case and Cover</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>See Std. Plan.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITEM</td>
<td>DESCRIPTION</td>
<td>YES</td>
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</tr>
<tr>
<td>34.</td>
<td>Cantilever Sign Structure - Cantilever Sign Structure fabricated from steel tubing meeting AASHTO-M-183. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.</td>
<td>✗</td>
</tr>
<tr>
<td>35.</td>
<td>Mono-tube Sign Structures - Mono-tube Sign Bridge fabricated to details shown in the Plans. Shop drawings for approval are required prior to fabrication.</td>
<td>✓</td>
</tr>
<tr>
<td>36.</td>
<td>Steel Sign Bridges - Steel Sign Bridges fabricated from steel tubing meeting AASHTO-M-138 for Aluminum Alloys. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.</td>
<td>✓</td>
</tr>
<tr>
<td>37.</td>
<td>Steel Sign Post - Fabricated Steel Sign Posts as detailed in Std Plans. Shop drawings for approval are to be provided prior to fabrication</td>
<td>✗</td>
</tr>
<tr>
<td>38.</td>
<td>Light Standard-Prestressed - Spun, prestressed, hollow concrete poles.</td>
<td>✓</td>
</tr>
<tr>
<td>39.</td>
<td>Light Standards - Lighting Standards for use on highway illumination systems, poles to be fabricated to conform with methods and materials as specified on Std. Plans. See Special Provisions for pre-approved drawings.</td>
<td>✗</td>
</tr>
<tr>
<td>40.</td>
<td>Traffic Signal Standards - Traffic Signal Standards for use on highway and/or street signal systems. Standards to be fabricated to conform with methods and material as specified on Std. Plans. See Special Provisions for pre-approved drawings</td>
<td>✓</td>
</tr>
<tr>
<td>41.</td>
<td>Precast Concrete Sloped Mountable Curb (Single and DualFaced) See Std. Plans.</td>
<td>✓</td>
</tr>
<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
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<td>---------------------------------------------------------------------------------</td>
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<tr>
<td>42. Traffic Signs - Prior to approval of a Fabricator of Traffic Signs, the</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>sources of the following materials must be submitted and approved for reflective</td>
<td></td>
<td></td>
</tr>
<tr>
<td>sheeting, legend material, and aluminum sheeting.</td>
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<tr>
<td><strong>NOTE:</strong> ***Fabrication inspection required. Only signs tagged &quot;Fabrication</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approved&quot; by WSDOT Sign Fabrication Inspector to be installed</td>
<td></td>
<td></td>
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<tr>
<td>43. Cutting &amp; bending reinforcing steel</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>44. Guardrail components</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>45. Aggregates/Concrete mixes</td>
<td></td>
<td></td>
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<tr>
<td>Covered by WAC 296-127-018</td>
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<td></td>
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<tr>
<td>46. Asphalt</td>
<td></td>
<td></td>
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<tr>
<td>Covered by WAC 296-127-018</td>
<td></td>
<td></td>
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<tr>
<td>47. Fiber fabrics</td>
<td></td>
<td>X</td>
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<tr>
<td>48. Electrical wiring/components</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>49. treated or untreated timber pile</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>50. Girder pads (elastomeric bearing)</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>51. Standard Dimension lumber</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>52. Irrigation components</td>
<td></td>
<td>X</td>
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<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
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<tr>
<td>---------------------------------------</td>
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</tr>
<tr>
<td>53. Fencing materials</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>54. Guide Posts</td>
<td></td>
<td>X</td>
</tr>
<tr>
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<td>61. Steel pile tips, standard</td>
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<td>62. Steel pile tips, custom</td>
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State of Washington
Department of Labor and Industries
Prevailing Wage Section - Telephone (360) 902-
PO Box 44540, Olympia, WA 98504-4540
Washington State Prevailing Wage

The PREVAILING WAGES listed here include both the hourly wage rate and the hourly rate of fringe benefits. On public works projects, workers' wage and benefit rates must add to not less than this total. A brief description of overtime calculation requirements is provided on the Benefit Code Key.

**METAL FABRICATION (IN SHOP)**
**EFFECTIVE 03/02/2012**

(See Benefit Code Key)

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Supplemental to Wage Rates
03/02/2012 Edition, Published February, 2012
## METAL FABRICATION (IN SHOP)
### EFFECTIVE 03/02/2012

(See Benefit Code Key)

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**Counties Covered:**  
CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, LEWIS, MASON, PACIFIC SAN JUAN AND SKAGIT

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**Counties Covered:**  
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**Counties Covered:**  
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**Counties Covered:**  
KING

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Supplemental to Wage Rates  
03/02/2012 Edition, Published February, 2012
# METAL FABRICATION (IN SHOP)
**EFFECTIVE 03/02/2012**

(See Benefit Code Key)

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**Counties Covered:**

**KLICKITAT, SKAMANIA, WAHIKIAKUM**

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**Counties Covered:**

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**Counties Covered:**

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**Counties Covered:**

**SPOKANE**

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Supplemental to Wage Rates

03/02/2012 Edition, Published February, 2012
# METAL FABRICATION (IN SHOP)
## EFFECTIVE 03/02/2012

(See Benefit Code Key)

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WSDOT's List of State Occupations not applicable to Heavy and Highway Construction Projects

This project is subject to the state hourly minimum rates for wages and fringe benefits in the contract provisions, as provided by the state Department of Labor and Industries. The following list of occupations, is comprised of those occupations that are not normally used in the construction of heavy and highway projects. When considering job classifications for use and / or payment when bidding on, or building heavy and highway construction projects for, or administered by WSDOT, these Occupations will be excepted from the included "Washington State Prevailing Wage Rates For Public Work Contracts" documents.

- Electrical Fixture Maintenance Workers
- Electricians - Motor Shop
- Heating Equipment Mechanics
- Industrial Engine and Machine Mechanics
- Industrial Power Vacuum Cleaners
- Inspection, Cleaning, Sealing of Water Systems by Remote Control
- Laborers - Underground Sewer & Water
- Machinists (Hydroelectric Site Work)
- Modular Buildings
- Playground & Park Equipment Installers
- Power Equipment Operators - Underground Sewer & Water
- Residential *** ALL ASSOCIATED RATES ***
- Sign Makers and Installers (Non-Electrical)
- Sign Makers and Installers (Electrical)
- Stage Rigging Mechanics (Non Structural)

The following occupations may be used only as outlined in the preceding text concerning "WSDOT's list for Suppliers - Manufacturers - Fabricators"

- Fabricated Precast Concrete Products
- Metal Fabrication (In Shop)

Definitions for the Scope of Work for prevailing wages may be found at the Washington State Department of Labor and Industries web site and in WAC Chapter 296-127.
Coverage and exemptions of workers involved in the production and delivery of gravel, concrete, asphalt, or similar materials.

(1) The materials covered under this section include but are not limited to: Sand, gravel, crushed rock, concrete, asphalt, or other similar materials.

(2) All workers, regardless of by whom employed, are subject to the provisions of chapter 39.12 RCW when they perform any or all of the following functions:

(a) They deliver or discharge any of the above-listed materials to a public works project site:

(i) At one or more point(s) directly upon the location where the material will be incorporated into the project; or

(ii) At multiple points at the project; or

(iii) Adjacent to the location and coordinated with the incorporation of those materials.

(b) They wait at or near a public works project site to perform any tasks subject to this section of the rule.

(c) They remove any materials from a public works construction site pursuant to contract requirements or specifications (e.g., excavated materials, materials from demolished structures, clean-up materials, etc.).

(d) They work in a materials production facility (e.g., batch plant, borrow pit, rock quarry, etc..) which is established for a public works project for the specific, but not necessarily exclusive, purpose of supplying materials for the project.

(e) They deliver concrete to a public works site regardless of the method of incorporation.

(f) They assist or participate in the incorporation of any materials into the public works project.
(3) All travel time that relates to the work covered under subsection (2) of this section requires the payment of prevailing wages. Travel time includes time spent waiting to load, loading, transporting, waiting to unload, and delivering materials. Travel time would include all time spent in travel in support of a public works project whether the vehicle is empty or full. For example, travel time spent returning to a supply source to obtain another load of materials for use on a public works site or returning to the public works site to obtain another load of excavated material is time spent in travel that is subject to prevailing wage. Travel to a supply source, including travel from a public works site, to obtain materials for use on a private project would not be travel subject to the prevailing wage.

(4) Workers are not subject to the provisions of chapter 39.12 RCW when they deliver materials to a stockpile.

(a) A "stockpile" is defined as materials delivered to a pile located away from the site of incorporation such that the stockpiled materials must be physically moved from the stockpile and transported to another location on the project site in order to be incorporated into the project.

(b) A stockpile does not include any of the functions described in subsection (2)(a) through (f) of this section; nor does a stockpile include materials delivered or distributed to multiple locations upon the project site; nor does a stockpile include materials dumped at the place of incorporation, or adjacent to the location and coordinated with the incorporation.

(5) The applicable prevailing wage rate shall be determined by the locality in which the work is performed. Workers subject to subsection (2)(d) of this section, who produce such materials at an off-site facility shall be paid the applicable prevailing wage rates for the county in which the off-site facility is located. Workers subject to subsection (2) of this section, who deliver such materials to a public works project site shall be paid the applicable prevailing wage rates for the county in which the public works project is located.

[Statutory Authority: Chapter 39.12 RCW, RCW 43.22.051 and 43.22.270. 08-24-101, § 296-127-018, filed 12/2/08, effective 1/2/09. Statutory Authority: Chapters 39.04 and 39.12 RCW and RCW 43.22.270. 92-01-104 and 92-08-101, § 296-127-018, filed 12/18/91 and 4/1/92, effective 8/31/92.]
APPENDIX C

TESC

TEMPORARY EROSION

and

SEDIMENT CONTROL

PLAN
TESC

TEMPORARY EROSION and SEDIMENT CONTROL PLAN

- NARRATIVE -

Hillcrest Bridge No. 160
Bridge Replacement Project
County Project No. C 3376
Federal Aid Project No. BRS-4617(001)

Yakima County Public Services Project

(Planned for Fall/Winter of 2012/2013)
TESC Element 1: Mark Clearing Limits
Risk Analysis: Low risk except at banks. Banks are covered by TESC Element 6.

BMPs Identified: High visibility fence – Small area - Use silt fence in lieu of high visibility fence to avoid specialized small quantity procurement. Only required if clearing is more than 5 feet from roadway.

GSP’s: n/a
Special Provisions: n/a

TESC Element 2: Establish Construction Access
Risk Analysis: n/a – Entrance via closed paved surface

BMPs Identified: n/a

GSP’s: n/a
Special Provisions: n/a

TESC Element 3: Control Flow Rates
Risk Analysis: n/a

BMPs Identified: n/a

GSP’s: n/a
Special Provisions: n/a

TESC Element 4: Install Sediment Controls
Risk Analysis: High risk of soil transport into canal if significant rain event occurs during construction on unprotected banks.

BMPs Identified: Silt Fence.

GSP’s: 8-01.3(1)
Special Provisions: n/a
TESC Element 5: Stabilize Soils
Risk Analysis: n/a
BMPs Identified: n/a
GSP’s: n/a
Special Provisions: n/a

TESC Element 6: Protect Slopes
Risk Analysis: High risk of soil transport if significant rain event occurs during construction on unprotected banks.
BMPs Identified: Silt Fence under Element 4
GSP’s: n/a
Special Provisions: n/a

TESC Element 7: Protect Drain Inlets
Risk Analysis: n/a
BMPs Identified: n/a
GSP’s: n/a
Special Provisions: n/a

TESC Element 8: Stabilize Channels and Outlets
Risk Analysis: n/a
BMPs Identified: n/a
GSP’s: n/a
Special Provisions: n/a
TESC Element 9: Control Pollutants  [1-07.15(1)]
Risk Analysis: Very Low Risk with reasonable care taken – only accidental pollutants possible – SPCC will address these.

BMPs Identified: SPCC Plan required

GSP’s: n/a

Special Provisions: n/a

TESC Element 10: Control Dewatering  [8-01.3(1)]
Risk Analysis: n/a

BMPs Identified: n/a

GSP’s: n/a

Special Provisions: n/a

TESC Element 11: Maintain BMPs  [8-01.3(15)]
Risk Analysis: Low Risk – easy to maintain BMP’s

BMPs Identified: n/a

GSP’s: n/a

Special Provisions: n/a

TESC Element 12: Manage the Project  [1-07.5(2); 8-01.3(1)B]
Risk Analysis: Low Risk – easy to maintain BMP’s

BMPs Identified: ESC Lead to monitor

GSP’s: n/a

Special Provisions: n/a
APPENDIX D

GEOTECHNICAL BORING LOGS
Shannon & Wilson, Inc. (S&W), uses a soil classification system modified from the Unified Soil Classification System (USCS). Elements of the USCS and other definitions are provided on this and the following page. Soil descriptions are based on visual-manual procedures (ASTM D 2488-93) unless otherwise noted.

### S&W CLASSIFICATION OF SOIL CONSTITUENTS

- **MAJOR** constituents compose more than 50 percent, by weight, of the soil. Major constituents are capitalized (SAND).
- **Minor** constituents compose 12 to 50 percent of the soil and precede the major constituents (silty SAND). Minor constituents preceded by “slightly” compose 5 to 12 percent of the soil (slightly silty SAND).
- Trace constituents compose 0 to 5 percent of the soil (slightly silty SAND, trace of gravel).

### MOISTURE CONTENT DEFINITIONS

<table>
<thead>
<tr>
<th>Moisture Content</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry</td>
<td>Absence of moisture, dusty, dry to the touch</td>
</tr>
<tr>
<td>Moist</td>
<td>Damp but no visible water</td>
</tr>
<tr>
<td>Wet</td>
<td>Visible free water, from below water table</td>
</tr>
</tbody>
</table>

### ABBREVIATIONS

- **ATD**: At Time of Drilling
- **Elev.**: Elevation
- **ft**: feet
- **HSA**: Hollow Stem Auger
- **ID**: Inside Diameter
- **in**: inches
- **lbs**: pounds
- **Mon.**: Monument cover
- **N**: Blows for test two 6-inch increments
- **NA**: Not Applicable or Not Available
- **OD**: Outside Diameter
- **OVA**: Organic Vapor Analyzer
- **PID**: Photoionization Detector
- **ppm**: parts per million
- **PVC**: Polyvinyl Chloride
- **SS**: Split Spoon sampler
- **SPT**: Standard Penetration Test
- **USC**: Unified Soil Classification
- **WLI**: Water Level Indicator

### GRAIN SIZE DEFINITIONS

<table>
<thead>
<tr>
<th>Description</th>
<th>Sieve Size</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FINES</strong></td>
<td>&lt; #200 (0.8 mm)</td>
</tr>
<tr>
<td><strong>SAND</strong></td>
<td>#200 - #40 (0.4 mm)</td>
</tr>
<tr>
<td></td>
<td>#40 - #10 (2 mm)</td>
</tr>
<tr>
<td></td>
<td>#10 - #4 (5 mm)</td>
</tr>
<tr>
<td><strong>GRAVEL</strong></td>
<td>#4 - 3 inch</td>
</tr>
<tr>
<td></td>
<td>3 - 3 inches</td>
</tr>
<tr>
<td><strong>COBBLES</strong></td>
<td>3 - 12 inches</td>
</tr>
<tr>
<td><strong>BOULDERS</strong></td>
<td>&gt; 12 inches</td>
</tr>
</tbody>
</table>

*Unless otherwise noted, sand and gravel, when present, range from fine to coarse in grain size.*

### RELATIVE DENSITY / CONSISTENCY

#### COARSE-GRAINED SOILS

<table>
<thead>
<tr>
<th>N, SPT, BLOWS/FT.</th>
<th>RELATIVE DENSITY</th>
<th>N, SPT, BLOWS/FT.</th>
<th>RELATIVE CONSISTENCY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 4</td>
<td>Very loose</td>
<td>&lt;2</td>
<td>Very soft</td>
</tr>
<tr>
<td>4 - 10</td>
<td>Loose</td>
<td>2 - 4</td>
<td>Soft</td>
</tr>
<tr>
<td>10 - 30</td>
<td>Medium dense</td>
<td>4 - 8</td>
<td>Medium stiff</td>
</tr>
<tr>
<td>30 - 50</td>
<td>Dense</td>
<td>8 - 15</td>
<td>Stiff</td>
</tr>
<tr>
<td>Over 50</td>
<td>Very dense</td>
<td>15 - 30</td>
<td>Very stiff</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Over 30</td>
<td>Hard</td>
</tr>
</tbody>
</table>

#### FINE-GRAINED/SUSPENDED SOILS

<table>
<thead>
<tr>
<th>2&quot; I.D. PVC Screen (0.020-inch Slot)</th>
<th></th>
</tr>
</thead>
</table>

### WELL AND OTHER SYMBOLS

- Cement/Concrete
- Bentonite Grout
- Bentonite Seal
- Slough
- Silica Sand
- 2" I.D. PVC Screen (0.020-inch Slot)

### LOG KEY AND SOIL CLASSIFICATION

- Hillcrest Drive Bridge No. 160
- Yakima County, Washington
- April 2010
- 22-1-02764-001
- SHANNON & WILSON, INC.
- Geotechnical and Environmental Consultants
- FIG. A-1
- Sheet 1 of 2
## Unified Soil Classification System

(From USACE Tech Memo 3-357)

<table>
<thead>
<tr>
<th>Major Divisions</th>
<th>Group/Graphical Symbol</th>
<th>Typical Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coarse-Grained Soils</td>
<td>GW</td>
<td>Well-Graded Gravels, Gravel-Sand Mixtures, Little or No Fines</td>
</tr>
<tr>
<td></td>
<td>GP</td>
<td>Poorly Graded Gravels, Gravel-Sand Mixtures, Little or No Fines</td>
</tr>
<tr>
<td></td>
<td>GM</td>
<td>Silty Gravels, Gravel-Sand-Silt Mixtures</td>
</tr>
<tr>
<td></td>
<td>GC</td>
<td>Clayey Gravels, Gravel-Sand-Clay Mixtures</td>
</tr>
<tr>
<td></td>
<td>SW</td>
<td>Well-Graded Sands, Gravelly Sands, Little or No Fines</td>
</tr>
<tr>
<td></td>
<td>SP</td>
<td>Poorly Graded Sand, Gravelly Sands, Little or No Fines</td>
</tr>
<tr>
<td></td>
<td>SM</td>
<td>Silty Sands, Sand-Silt Mixtures</td>
</tr>
<tr>
<td></td>
<td>SC</td>
<td>Clayey Sands, Sand-Silt Mixtures</td>
</tr>
<tr>
<td>Fine-Grained Soils</td>
<td>ML</td>
<td>Inorganic Silts of Low to Medium Plasticity, Rock Flour, or Clayey Silts With Slight Plasticity</td>
</tr>
<tr>
<td></td>
<td>CL</td>
<td>Inorganic Clays of Low to Medium Plasticity, Gravelly Clays, Sandy Clays, Silty Clays, Lean Clays</td>
</tr>
<tr>
<td></td>
<td>OL</td>
<td>Organic Silts and Organic Silty Clays of Low Plasticity</td>
</tr>
<tr>
<td></td>
<td>CH</td>
<td>Inorganic Clays of Medium to High Plasticity, Sandy Fat Clay, Gravelly Fat Clay</td>
</tr>
<tr>
<td></td>
<td>MH</td>
<td>Inorganic Silts, Micaeous or Diatomaceous Fine Sands or Silty Soils, Elastic Silt</td>
</tr>
<tr>
<td></td>
<td>OH</td>
<td>Organic Clays of Medium to High Plasticity, Organic Silts</td>
</tr>
<tr>
<td>Highly Organic Soils</td>
<td>PT</td>
<td>Peat, Humus, Swamp Soils with High Organic Content (See D 4427-52)</td>
</tr>
</tbody>
</table>

### Notes
1. Dual symbols (symbols separated by a hyphen, i.e., SP-SM, slightly silty fine SAND) are used for soils with between 5% and 12% fines or when the liquid limit and plasticity index values plot in the CL-ML area of the plasticity chart.
2. Borderline symbols (symbols separated by a slash, i.e., CL/ML, silty CLAY/clayey SILT, GW/SW, sandy GRAVEL/gravelly SAND) indicate that the soil may fall into one of two possible basic groups.
**SOIL DESCRIPTION**

Refer to the report text for a proper understanding of the subsurface materials and drilling methods. The stratification lines indicated below represent the approximate boundaries between material types, and the transition may be gradual.

<table>
<thead>
<tr>
<th>Depth, ft.</th>
<th>Symbol</th>
<th>Samples</th>
<th>Ground Water Depth, ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Asphalt (approx. 4 inches thick)

Brown, fine to medium sandy, clayey SILT, trace of fine rounded gravel, moist, low plasticity, ML (FILL).

Concrete abutment footing.

Boring completed to 12.5 feet on 03/18/2010.

---

**NOTES**

1. Refer to KEY for explanation of symbols, codes, abbreviations and definitions.
2. The stratification lines represent the approximate boundaries between soil types, and the transition may be gradual.
3. The discussion in the text of this report is necessary for a proper understanding of the nature of the subsurface materials.
4. Groundwater level, if indicated above, is for the date specified and may vary.
5. USCS designation is based on visual-manual classification and selected lab testing.
SOIL DESCRIPTION

Refer to the report text for a proper understanding of the subsurface materials and drilling methods. The stratification lines indicated below represent the approximate boundaries between material types, and the transition may be gradual.

Asphalt (approx. 4 inches thick)
Loose, brown, silty fine to medium SAND, trace of fine gravel, moist, low plasticity, subangular gravel, occasional zones of sandy SILT; (SM); FILL.

Medium dense grading to very dense, brown to red-brown, silty fine to coarse SAND, trace of fine gravel; moist, non-plastic, subangular gravels, white-tan motting in upper width caliche deposits, iron-oxidation in lower, weak to moderate cementation; (SM) Calloviuim.

Dense, brown, slightly silty to silty fine to coarse SAND, trace of fine gravel, moist, non-plastic, rounded gravels, typically granodiorite in composition, weak cementation; (SF-SM to SM) Alluvium.

Hard, brown, slightly fine sand to sandy SILT; dry to moist, low to medium plasticity, weak cementation, caliche deposits at 31.3 ft.; (ML) Loessa.

Very dense, brown to red-brown, clayey/silty fine to medium SAND; dry to moist, low plasticity, moderate cementation, trace of medium grained angular quartz sand; (SM) Alluvium.

LEGEND
- Sample Not Recovered
- Standard Penetration Test

NOTES
1. Refer to KEY for explanation of symbols, codes, abbreviations and definitions.
2. The stratification lines represent the approximate boundaries between soil types, and the transition may be gradual.
3. The discussion in the text of this report is necessary for a proper understanding of the nature of the subsurface materials.
4. Groundwater level, if indicated above, is for the date specified and may vary.
5. USCS designation is based on visual-manual classification and selected lab testing.

Hillcrest Drive Bridge No. 160
Yakima County, Washington

LOG OF BORING B-1B
April 2010  22-1-02764-001
SHANNON & WILSON, INC.  Geotechnical and Environmental Consultants  FIG. A-3
Sheet 1 of 2
### SOIL DESCRIPTION

Refer to the report text for a proper understanding of the subsurface materials and drilling methods. The stratification lines indicated below represent the approximate boundaries between soil types, and the transition may be gradual.

<table>
<thead>
<tr>
<th>Depth, ft.</th>
<th>Symbol</th>
<th>Samples</th>
<th>Ground Water</th>
<th>PENETRATION RESISTANCE (blows/foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>36.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>48.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>51.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Depth:**
- Hard, brown, silty, fine to medium sandy CLAY; dry to moist, medium plasticity, weak to moderate cementation, occasional caliche deposits, slight blocky texture; (CL) Colluvium.
- Very dense, light brown, slightly silty to silty fine to coarse SAND, trace of fine gravel, moist, non-plastic, rounded granodiorite gravels, weak to moderate cementation; (SM-SP/SM) Alluvium.

Boring completed to 51.4 ft on 03/18/2010.

**NOTES**

1. Refer to KEY for explanation of symbols, codes, abbreviations and definitions.
2. The stratification lines represent the approximate boundaries between soil types, and the transition may be gradual.
3. The discussion in the text of this report is necessary for a proper understanding of the nature of the subsurface materials.
4. Groundwater level, if indicated above, is for the date specified and may vary.
5. USCS designation is based on visual-manual classification and selected lab testing.
## SOIL DESCRIPTION

Refer to the report text for a proper understanding of the subsurface materials and drilling methods. The stratification lines indicated below represent the approximate boundaries between material types, and the transition may be gradual.

<table>
<thead>
<tr>
<th>Depth, ft.</th>
<th>Symbol</th>
<th>Samples</th>
<th>Ground Water Depth, ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14.8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16.3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Asphalt (approx. 4 inches thick).**
Loose to medium dense, brown, slightly gravelly, silty fine to coarse SAND; moist, low plasticity, rounded to subangular gravel; (SM) FILL.

**Concrete abutment footing.**

Boring completed to 16.3 feet on 03/18/2010.

---

### LEGEND

- • Sample Not Recovered
- ■ Rock Core

### NOTES

1. Refer to KEY for explanation of symbols, codes, abbreviations and definitions.
2. The stratification lines represent the approximate boundaries between soil types, and the transition may be gradual.
3. The discussion in the text of this report is necessary for a proper understanding of the nature of the subsurface materials.
4. Groundwater level, if indicated above, is for the date specified and may vary.
5. USCS designation is based on visual-manual classification and selected lab testing.
SOIL DESCRIPTION

Refer to the report text for a proper understanding of the subsurface materials and drilling methods. The stratification lines indicated below represent the approximate boundaries between material types, and the transition may be gradual.

<table>
<thead>
<tr>
<th>Depth, ft.</th>
<th>Symbol</th>
<th>Samples</th>
<th>Ground Water Depth, ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Asphalt (approx. 4 inches thick)
Loose, brown, silty fine to medium SAND to sandy SILT, trace of gravel; moist, non-plastic to low plasticity, subangular gravel, occasional caliche (CaCO₃) deposits, clean sand parting at 5.9 ft; (ML/SM) FILL.

Grades to loose, brown, sandy SILT, trace of gravel; (ML) FILL.

Dense to very dense, brown to red-brown, silty fine to medium SAND, trace of clay; dry to moist, low plasticity, weak to moderate cementation, slight iron oxidation and red-brown staining below 20 feet; (SM) Colluvium.

Dense, brown, slightly silty to silty fine to coarse SAND, trace of fine gravel; wet, rounded gravels predominantly granodiorite; (SP-SM to SM) Alluvium.
Wet zone from approx. 22.5 to 23.5 feet.

Dense, gray-brown, fine to medium SAND, trace of silt; moist; (SP) Alluvium.

Hard, brown, slightly fine to medium sandy to sandy SILT; dry to moist, low to medium plasticity, weak to moderate cementation; (ML) Loess.

Very dense, brown, fine sandy SILT to silty fine SAND; dry to moist, low plasticity; (ML/SM) Alluvium.

CONTINUED NEXT SHEET

LEGEND
- Sample Not Recovered
- Standard Penetration Test

NOTES
1. Refer to KEY for explanation of symbols, codes, abbreviations and definitions.
2. The stratification lines represent the approximate boundaries between soil types, and the transition may be gradual.
3. The discussion in the text of this report is necessary for a proper understanding of the nature of the subsurface materials.
4. Groundwater level, if indicated above, is for the date specified and may vary.
5. USCS designation is based on visual-manual classification and selected lab testing.
SOIL DESCRIPTION

Refer to the report text for a proper understanding of the subsurface materials and drilling methods. The stratification lines indicated below represent the approximate boundaries between material types, and the transition may be gradual.

<table>
<thead>
<tr>
<th>Depth, ft.</th>
<th>Symbol</th>
<th>Samples</th>
<th>Ground Water</th>
<th>PENETRATION RESISTANCE (blows/foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>38.0</td>
<td>4-1</td>
<td></td>
<td></td>
<td>5230^</td>
</tr>
<tr>
<td>45.0</td>
<td>4-1</td>
<td></td>
<td></td>
<td>5050^</td>
</tr>
<tr>
<td>50.9</td>
<td>4-13</td>
<td></td>
<td></td>
<td>5060^</td>
</tr>
</tbody>
</table>

Very dense, brown grading to red-brown, silt fine to coarse SAND, trace of fine gravel; moist, non-plastic, rounded granodiorite gravels from 38 to 42 feet, subangular to subrounded basaltic gravels at 48 feet, slight iron-oxide staining below 45 feet; (SM) Alluvium/Colluvium.

Boring completed to 50.9 feet on 03/19/2010.

LEGEND
- Sample Not Recovered
- Standard Penetration Test

NOTES
1. Refer to KEY for explanation of symbols, codes, abbreviations and definitions.
2. The stratification lines represent the approximate boundaries between soil types, and the transition may be gradual.
3. The discussion in the text of this report is necessary for a proper understanding of the nature of the subsurface materials.
4. Groundwater level, if indicated above, is for the date specified and may vary.
5. USCS designation is based on visual-manual classification and selected lab testing.
NOTES

1. Use the 1/2" joint details for bridges with a length less than 100' and for bridges with L type abutments. Use the 1" joint details for other applications. Use DETAIL 8 on steel trusses and timber bridges with concrete deck panels.

2. Sawcut shall be filled with hot-poured compound in accordance with Standard Specification 9-04 2(1) and sealed in accordance with Standard Specification 405-38/8.

3. The contractor shall avoid sawing existing concrete. The construction tolerance to locate the saw cut is a 1/4" (0 min. to 1/2" max.) from the existing concrete (DETAILs 1 and 5).
NOTES
1. When required by the Contract, a Snow Load Post Washer shall be placed on the backside of the post (in lieu of the 1.5/8" Post Bolt Washer) and a Snow Load Rail Washer shall be placed on the face side of Beam Guardrail Types 1 and 2. Snow Load Rail Washers shall not be installed on terminals.

2. Rail Washers, also called "Snow Load Rail Washers" are not required on new installation except as called for in Note 1. Unnecessary Rail washers need not be removed from existing installations, except those on posts 2 through 8 of a BOT installation shall be removed.

3. Beam Guardrail post spacing for Types 1 through 4 shall be 0'-3" on centers.

4. Timber blocks shall be toe-nailed to the post with a 16d galvanized nail to prevent block rotation.

5. For post and block details, see Standard Plan C-1b.

6. When "Beam Guardrail Type ____ Ft. Long Post" is specified in the Contract, the post length shall be stamped with numbers, 1 1/2" min. high and 3/4" wide at the location where the letter "H" is shown in the ASSEMBLY DETAIL. For wood post applications, the letter shall be stamped to a minimum depth of 1/4". For steel post applications, the letter shall be legible after the post is galvanized. After post installation, it shall be the Contractor's responsibility to ensure that the stamped numbers remain visible.

7. Existing posts shall not be raised. Replace posts as necessary to achieve required guardrail height.
NOTES

1. Attach guardrail to bridge rail or concrete barrier with 7/8" diameter bolts in accordance with Standard Spec. 9-06.01(4), with thin slab turrent inserts or resin bonded anchors. See Contract Plans.

2. If the last guardrail post is 3' or less from the end of the bridge barrier, this attachment and blockout is not necessary.

3. This case is also applicable for F-shape and vertical faces with no curbs.

4. When B connection is used with Type 1A Transition, the maximum spacing between bolts is 6' - 3".

5. See bridge plans for additional connection details.
NOTES
1. For details, see Standard Plan C-6.
2. For end section details see Standard Plan C-7 or C-7a.
3. For details, see Standard Plan C-1b.
4. Outside nut shall be torqued against inside nut a minimum of 100 ft-lbs.
5. Post and block shall match beam guardrail posts.
NOTES

1. End Section Design G shall be used except where noted on the plans or contract.

2. Attach guardrail to bridge rail or concrete barrier with 7/8" diameter bolts (five minimum) Standard Spec. 9-06-840, with thin slab ferrule inserts or resin bonded anchors. See the Contract Plans.

3. A single piece having similar dimensional shape to Design G and mating with the W-beam guardrail is an alternative.

4. In cases where Design F end section is lapped on the outside of the guardrail, a galvanized 1" ID, 2" OD, 0.134" thick, narrow Type A Plain Washer or a anchor rail washer shall be placed under the splice bolt heads.
NOTES

1. All numerals are approx. 3 1/4" wide except numeral "1" which is approx. 5/8" wide.
2. Spacing between the numeral "1" and any other numeral is 1". Spacing between all other numerals is 3/4".
3. Traffic Barrier Connections between the bridge and the approaching roadway vary and may consist of concrete barrier extensions. Install the Date Numerals on the traffic barrier of the bridge itself.

DATE LOCATION - SEE DETAIL

PLAN VIEW
DATE LOCATION ON TWO-WAY BRIDGES

PLAN VIEW
DATE LOCATION ON ONE-WAY BRIDGES

ELEVATION VIEW
DATE LOCATION DETAIL

DATE NUMERALS - SEE DETAILS

BRIDGE END - SEE NOTE 3

TOP OF ROADWAY

ALIGN THE NUMERALS PARALLEL TO TOP OF TRAFFIC BARRIER

TYPICAL DATE NUMERALS

TYPICAL SECTION VIEW

TYPICAL SECTION VIEW

BRIDGE TRAFFIC BARRIER (TYP.)

BRIDGE TRAFFIC BARRIER (TYP.)

DATE NUMERAL DETAILS

NUMERAL "1"

PERSPECTIVE VIEW

DATE NUMERAL PLACEMENT ON BRIDGE TRAFFIC BARRIER STANDARD PLAN E-1

EXPIRES AUGUST 06, 2007

Ken L. Smith 02-21-07
Department of Transportation
WOOD POST FASTENERS

<table>
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<tr>
<th>SIZE / TYPE</th>
<th>QUANTITY / WASHERS / LOCKNUTS</th>
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<tr>
<td>3/8&quot; DIA. x 4 1/4&quot; BOLT</td>
<td>2 / 4 / 4</td>
</tr>
<tr>
<td>3/8&quot; DIA. x 4 1/2&quot; BOLT</td>
<td>4 / 8 / 4</td>
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<td>3/8&quot; DIA. x 2&quot; SCREW</td>
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STEEL POST FASTENERS

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<td>3/8&quot; DIA. x 2&quot; SCREW</td>
<td>4 / 8 / 4</td>
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<tr>
<td>1 1/8&quot; M-CLAMP</td>
<td>2 / 4 / 4</td>
</tr>
</tbody>
</table>

NOTES

1. A socket and wedge anchoring system that meets the NCHRP 350 crash test criteria may be substituted in lieu of the anti-twist plate designs shown. Anti-twist plates are not required for wood post installations.

2. The platform design shown on this plan features slots that accommodate several types of mailbox supports, only those slots necessary for assembling the type being installed are required. An adjustable platform may be used in lieu of this design, but it must fit the bracket design shown on this plan. Brackets are required for all single-post installations. Field drilling may be necessary.

3. Center the mailbox on the platform to ensure space for the mailbox door to open and to allow space for installing the fasteners (See ALIGNMENT DETAIL, Sheet 2). Spacing of mailbox mounting holes varies among manufacturers. Attachment of the mailbox to the platform may require drilling additional holes through the mailbox to fit the platform.

4. Attach a newspaper box to a steel post with two 1 7/8" Muffler Clamps spaced 4" apart. Field drill 7/16" holes in the newspaper box to fit. Use 2 1/2" x 1/4" lag bolts to attach newspaper boxes to wood posts. Newspaper boxes must not extend beyond the front of the mailbox when the mailbox door is closed.

5. A Type 2 Support (Standard Plan H-70.20) is required when 2 or more mailboxes are to be installed on one support.
IMPROVEMENT

PLANS
### SUMMARY OF QUANTITIES

**Schedule A - Bridge Replacement**

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>STND.</th>
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<th>SPEC. REF.</th>
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<tr>
<td>A2</td>
<td>0255</td>
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<tr>
<td>A3</td>
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<td>FT</td>
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<td>A4</td>
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**Schedule B - Sanitary Sewer**

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### ABBREVIATIONS

- **ALUM**: ALUMINUM
- **BBL**: BASELINE
- **BOT**: BOTTOM
- **BRG**: BEARING
- **FR**: BRIDGE
- **C.D.**: CENTER OF GRAVITY
- **C.L.**: CENTERLINE
- **CLP**: CLEAR
- **COMPR**: COMPRESSIVE
- **CONC**: CONCRETE
- **CONSC**: CONSTRUCTION
- **CONT**: CONTINUOUS
- **CSBC**: CRUSHED SURFACING BASE COURSE
- **CTRS**: CENTERS
- **DA**: DIAMETER
- **EA**: EACH
- **EL**: ELEVATION
- **EP**: EXPANSION
- **EXT**: EXTERIOR
- **FIG**: FIGURE
- **GALV**: GALVANIZED
- **G.P**: GROSS
- **HMA**: HOT MIX ASPHALT
- **HORIZ**: HORIZONTAL
- **INT**: INTERIOR
- **LT**: LEFT
- **LT**: LENGTH
- **MAC**: MAXIMUM
- **MFG**: MANUFACTURER'S
- **MIN**: MINIMUM
- **N.C.**: NOT IN CONTRACT
- **O.D.**: OUTSIDE DIAMETER
- **PAVT**: PAVEMENT
- **P.C.**: PRECAST
- **P.S.**: POUNDS PER SQUARE FOOT
- **P.S.**: PRESTRESSED
- **R**: RADIUS
- **REFO**: REQUIRED
- **RT**: RIGHT
- **R/W**: RIGHT-OF-WAY
- **SHA**: SHOULDER
- **S**: SLEEVE
- **SD**: SPECIFICATION
- **STA**: STATION
- **STR**: STRAIGHT
- **SUBSTR**: SUBSTRUCTURE
- **SYMM**: SYMMETRICAL
- **TYP**: TYPICAL
- **VERT**: VERTICAL
- **V/': VERTICAL POINT OF INTERSECTION
- **VH**: VERTICAL

**PREPARED UNDER THE DIRECTION OF:**

**DATE:** 07/19/2012

**PROJECT ENGINEER:** M. CLEVER

**CHECKED BY:** B. KNIGHT

**REVISION:** 5.0 (10-13-13)

**SUMMARY OF QUANTITIES & ABBREVIATIONS**

**SHEET 2 OF 41**
NORTH ABUTMENT SECTION

RETAINING WALL SECTION

SECTION

TYPICAL REINFORCING (SHOWN ON ELEVATION)

ADDITIONAL REINFORCING (SHOWN ON ELEVATION FOR CUCUITY)

SECTION

TIE BAR DETAIL

ALTERNATIVE METHOD OF TIE BAR

(HORIZONTAL, VERTICAL)

TYPICAL TIE SPACING DETAIL

SLEEVE DETAIL AT NORTH ABUTMENT WALL TO ACCOMMODATE 8" DIA. SANITARY SEWER

DATE: 07/10/2012

PREPARED UNDER THE DIRECTION OF:
CONCRETE INSERTS FOR PIPE HANGERS AT PRECAST GIRDERS
CONSTRUCTION NOTES:
1. LINER ATTACHMENT TO ABUTMENT, SEAL TO EXISTING SLOPE.
2. OVER BETO CONCRETE HOLLOW CORE SLAB.
3. USE GEOTEXTILE AND URETHANE SEAL.
4. LINER ATTACHMENT TO EXISTING SLOPE.
5. CHECK LINER ATTACHMENT TO SLOPE TO BE DETERMINED BY CONSTRUCTION ENGINEER.
6. ONE CENTERED LINE TO BE DETERMINED BY CONSTRUCTION ENGINEER.
7. TWO CENTERED LINE TO BE DETERMINED BY CONSTRUCTION ENGINEER.
8. CONCRETE SLAB PROTECTION TO BE DETERMINED BY CONSTRUCTION ENGINEER.
9. CONCRETE SLAB PROTECTION TO BE APPLIED TO EXISTING SLOPE.
10. SLOPE PROTECTION TO BE APPLIED TO EXISTING SLOPE.
11. SLOPE PROTECTION TO BE APPLIED TO EXISTING SLOPE.
12. SLOPE PROTECTION TO BE APPLIED TO EXISTING SLOPE.
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38. SLOPE PROTECTION TO BE APPLIED TO EXISTING SLOPE.
39. SLOPE PROTECTION TO BE APPLIED TO EXISTING SLOPE.
40. SLOPE PROTECTION TO BE APPLIED TO EXISTING SLOPE.
41. SLOPE PROTECTION TO BE APPLIED TO EXISTING SLOPE.
**TYPICAL CROSS SECTION - SOUTH SIDE OF BRIDGE**

STA. 19+50 TO STA 20+25

**TYPICAL CROSS SECTION - NORTH SIDE OF BRIDGE**

STA. 22+87 TO STA 23+50

**NOTES:**

1. SUMMIT SHALL BE FILLED WITH HOT-MIXED CONCRETE IN ACORDANCE WITH STANDARD SPECIFICATION 4-10-34(A) AND SEAL IN ACCORDANCE WITH STANDARD SPECIFICATION 3-05-3006.

2. THE CONTRACTOR SHALL AVOID DAMAGE EXISTING CONCRETE. THE CONSTRUCTION TOLERANCE TO LOCATE THE GUN CUT IS A 1" (1 1/2" IN. TO 1/2" WIDE) FROM THE EXISTING CONCRETE (DEVIATIONS 1 AND 2).

**SCALE:** 1" = 10' VERT.

**SCALE:** 1" = 10'

**DATE:** 07/10/2012

**PROJECT ENGINEER:**

**CHECKED BY:**

**HILLCREST DRIVE**

**REMARKS:**

**C 3376**

**PLOTTED BY:**

**SHEET 24 OF 41**
NOTES:
1. GUARDRAIL, CONNECTION TO BRIDGE RAIL. D CONNECTION. SEE WOOD STANDARD PLANS C-3 AND C-3L, TYPE 4.
2. BEAM GUARDRAIL, ANCHOR, TYPE A, A BEAM INSTALLATION. SEE WOOD STANDARD PLAN C-4B.
3. BEAM GUARDRAIL, TYPE 1, SEE WOOD STANDARD PLAN C-1.
PLAN
SCALE 1" = 5'

NOTES:
1. Guardrail connection to bridge rail. D connection. See WSDOT Standard Plans C-5 and C-34, Type A.
2. Beam guardrail anchor, Type A, W beam installation. See WSDOT Standard Plan C-34.

SCALE 1" = 5'
# SIGN REMOVAL SPECIFICATIONS

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<tr>
<th>SIGN NO</th>
<th>MUTCD SIGN #</th>
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**NOTES:**
1. MUTCD MANUAL OF LOSS TRAFFIC CONTROL DEVICES.
2. FOR CODE REFERENCES AND STANDARD SIGN LAYOUT DETAILS, SEE CURRENT STANDARD HIGHWAY SIGN BOOK.
3. THE SIGNS AND POSTS SHALL BE DISASSEMBLED AND DELIVERED TO THE YAKIMA COUNTY PUBLIC SERVICES DEPARTMENT MAINTENANCE SHOP AT 1216 S. 18TH ST., YAKIMA, WA. 98901. CONTACT CRAIG BLANKENSHIP AT (509) 574-2296.
## GENERAL TRAFFIC CONTROL SIGN SPECIFICATIONS

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**NOTE:** POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR.

### NOTES:
1. MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES).
2. FOR STRUCTURE AND MOUNTING DETAILS, SEE STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION, SERIES 6.
3. FOR CODE REFERENCES AND STANDARD SIGN LAYOUT DETAILS, SEE STANDARD HIGHWAY SIGNS MANUAL.
4. ALL SIGNS, POSTS AND ANY OTHER TRAFFIC CONTROL DEVICES SHALL BE SUPPLIED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
5. THE POSTS SHALL NOT PROTRUDE ABOVE THE SIGNS.

### TYPICAL SIGN INSTALLATION

![Typical Sign Installation Diagram]

**NOTE:** THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING SITE SPECIFIC TRAFFIC CONTROL PLANS TO THE PROJECT ENGINEER FOR REVIEW AND APPROVAL.
# DETOUR ROUTE & CLOSURE SPECIFICATIONS

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<tr>
<th>SIGN NO.</th>
<th>MUTCD SIGN #</th>
<th>LOCATION</th>
<th>SIGN SIZE</th>
<th>SHEETING TYPE</th>
<th>POST MATERIAL</th>
<th>POST SIZE</th>
<th>POST # LENGTH</th>
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<th>NOTES</th>
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**NOTE:** Post lengths shown are approximate; final values shall be determined in the field by the contractor.

**NOTE:** The Contractor is responsible for submitting site-specific traffic control plans to the Project Engineer for review and approval.

---

**NOTES:**
1. MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES).
2. For structure and mounting details, see standard plans for road and bridge construction, series 5.
3. For code references and standard sign layout details, see standard highway signs manual.
4. All signs, posts and any other traffic control devices shall be supplied, erected and maintained by the contractor.
5. The posts shall not protrude above the signs.
YAKIMA COUNTY PUBLIC SERVICES
ADVANCE ROAD NAME SIGN
SPECIFICATIONS

ADVANCE ROAD NAME SIGN SHALL MEET THE CLOSURE SECTION OF THE
PENNSYLVANIA STATE HIGHWAY ADMINISTRATION SPECIFIED
ROADWAY SIGN MANUAL.

SIGN FACE
D-3-201 MODIFIED
1 1/2" RADIUS

COLOR:
LEGEND - BLACK (REFL)
BACKGROUND - ORANGE (REFL)

ALL LEGEND SHALL BE SERIES 5 (MODIFIED)
LEGEND
ALL SPACING
4" 1/4" L.C. / 1/8" L.C.

REFLECTIVE SIGN-LETTER SHALL
MEET THE PENNSYLVANIA HIGHWAY
ADMINISTRATION SPECIFIED
RETROREFLECTIVITY REQUIREMENTS.

NOTE: A MINIMUM OF THREE (3) TYPE III BARRIERS
SHALL BE PLACED ACROSS THE ROADWAY, FROM
OUTSIDE EDGE OF SHOULDER TO OUTSIDE EDGE
OF SHOULDER, IN ORDER TO BLOCK
THE ENTIRE ROADWAY.

SPECIAL SIGN NO. 1
Road Will Be Closed
For Bridge Replacement

SPECIAL SIGN NO. 2
"Mo./Day"

COLOR:
LEGEND - BLACK (NON-REFL)
BACKGROUND - ORANGE (REFL)

ALL LEGEND SHALL BE SERIES 1 (MODIFIED)
LEGEND
ALL SPACING
4" 1/4" L.C. / 1/8" L.C.

THE REFLECTIVE SIGN-LETTER SHALL
MEET THE PENNSYLVANIA HIGHWAY
ADMINISTRATION SPECIFIED
RETROREFLECTIVITY REQUIREMENTS.

DEDUR ROUTE & CLOSURE DETAILS
ABBREVIATIONS

 Symbol Legend

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Federal Aid Project No.
BRS-4817(001)