CONTRACT SPECIFICATIONS

For The Construction Of:

NILE ROAD

IMPROVEMENT PROJECT

(End of BST to Beginning of BST)

C 2892

Yakima County Public Services Project
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.

GARY N. EKSTEDT, P.E.
COUNTY ENGINEER
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IMPROVEMENT PLANS
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DELIVERY OF PROPOSALS

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

Yakima County Public Services, Fourth Floor County Courthouse, 128 N. 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 May 20, 2009.

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

Yakima County Road Engineer’s Office, Fourth Floor Yakima County Courthouse, 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, cashiers 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:

Each bid must be made on the form attached to these Specifications.

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 2892 – NILE ROAD IMPROVEMENT 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. Sales Tax shall be included in Unit Prices. No oral, telephonic, facsimile, or telegraphic Bids or modifications shall be considered or accepted.

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Approx. Quantity</th>
<th>Unit</th>
<th>Unit Price</th>
<th>Total Item Amount</th>
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<td>FLAGGERS AND SPOTTERS</td>
<td>800</td>
<td>HR</td>
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<td>MAILBOX SUPPORT TYPE 2</td>
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<td>EACH</td>
<td>$</td>
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**BID AMOUNT C 2892** $
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:

<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<tr>
<td></td>
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</tr>
</tbody>
</table>

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

SIGNATURE OF 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 2892.
LETTER OF RESPONSIBILITY

Date: 

County Road Project No.: C 2892

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 2892 – Nile Road Improvement Project, (End of BST to Beginning of BST)

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.
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 have agreed to the provisions of this declaration.

NOTICE TO ALL BIDDERS

To report bid 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.
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
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.
CONTRACT

THIS AGREEMENT, 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 2892 - Nile Road Improvement Project and shall perform any changes in the work in accordance with the Contract Documents.

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 attached Specifications and the schedule of unit or itemized prices at the time and in the manner and upon the conditions provided for 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.

Executed by the CONTRACTOR ______, 20_____.

CONTRACTOR

____________________________

Signature

____________________________________

Print or Type Name of Person Signing

Title

Foregoing Contract approved and ratified ______, 20_____.

____________________________

Surety

Approved as to form:

____________________________

Deputy Prosecuting Attorney

BOARD OF YAKIMA COUNTY COMMISSIONERS

J. Rand Elliott, Chairman

____________________________

Michael D. Leita, Commissioner

____________________________

Kevin J. Bouchey, Commissioner

____________________________

ATTEST: Clerk of the Board

____________________________

Christina S. Steiner

C 2892 – Nile Road

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Informational Bid Documents
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 for C 2892 – Nile Road Improvement 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: ______________________
Title: 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

C 2892 – Nile Road

YAKIMA COUNTY CONTRACT NUMBER

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Informational Bid Documents
Amendments to Standard Specifications
AMENDMENTS TO THE STANDARD SPECIFICATIONS

C 2892 – NILE ROAD IMPROVEMENT PROJECT
(End of BST to Beginning of BST)

YAKIMA COUNTY, WASHINGTON

INTRODUCTION

The following Amendments and Special Provisions shall be used in conjunction with the 2008 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.

DIVISION 1
GENERAL REQUIREMENTS

SECTION 1-03, AWARD AND EXECUTION OF CONTRACT
April 7, 2008

1-03.1 Consideration of Bids
This section is supplemented with the following new sub-section.

1-03.1(l) Tied Bids
After opening Bids, if two or more lowest responsive Bid totals are exactly equal, then the tie-breaker will be determined by drawing as described in this Section. Two or more slips of paper will be marked as follows: one marked "Winner" and the other(s) marked "unsuccessful". The slips will be folded to make the marking unseen. The slips will be placed inside a box. One authorized representative of each Bidder shall draw a slip from the box. Bidders shall draw in alphabetic order by the name of the firm as registered with the Washington State Department of Licensing. The slips shall be unfolded and the firm with the slip marked "Winner" will be determined to be the successful Bidder and eligible for Award of the Contract. Only those Bidders that submitted a Bid total that is exactly equal to the lowest responsive Bid are eligible to draw.
SECTION 1-04, SCOPE OF THE WORK
April 7, 2008

1-04.4(1) Minor Changes
The first sentence in the first paragraph is revised to read:

Payments or credits for changes amounting to $15,000 or less may be made under the bid item "Minor Change."

1-04.5 Procedure and Protest by the Contractor
In the second paragraph, number 2, the reference to 7 calendar days is revised to 14 calendar days.

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

The determination will be provided within 14-calendar days after receipt of the Contractor's supplemental written statement (including any additional information requested by the Project Engineer to support a continuing protest) described in item 2 above.

SECTION 1-05, CONTROL OF WORK
April 7, 2008

1-05.1 Authority of the Engineer
The fourth paragraph is revised to read:

At the Contractor’s risk, the Project Engineer may suspend all or part of the Work according to Section 1-08.6.

1-05.12 Final Acceptance
The second paragraph is revised to read:

The Contractor agrees that neither completion nor final acceptance shall relieve the Contractor of the responsibility to indemnify, defend, and protect the Contracting Agency against any claim or loss resulting from the failure of the Contractor (or the subcontractors or lower tier subcontractors) to pay all laborers, mechanics, subcontractors, material persons, or any other person who provides labor, supplies, or provisions for carrying out the Work or for any payments required for unemployment compensation under Title 50 RCW or for industrial insurance and medical aid required under Title 51 RCW.

SECTION 1-07, LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC
April 6, 2009

1-07.2(2) State Sales Tax: Work on State-Owned or Private Land
The following new paragraph is inserted in front of the first paragraph:
I-07.8 High Visibility Apparel
This section is revised to read:

The Contractor shall require all personnel under their control (including service providers, Subcontractors and lower tier Subcontractors) that are on foot in the work zone and are exposed to vehicle traffic or construction equipment to wear the high visibility apparel described in this Section.

The Contractor shall ensure that a competent person as identified in the MUTCD selects the appropriate high-visibility apparel suitable for the job-site conditions.

High visibility garments shall always be the outermost garments.

High visibility garments shall be in a condition compliant with the ANSI 107-2004 and shall be used in accordance with manufacturer recommendations.

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

I-07.8(1) Traffic Control Personnel
All personnel performing the Work described in Section 1-10 (including traffic control supervisors, flaggers, spotters, and others performing traffic control labor of any kind), shall comply with the following:

1. During daylight hours with clear visibility, workers shall wear a high-visibility ANSI/ISEA 107-2004 Class 2 or 3 vest or jacket, and hardhat meeting the high visibility headwear requirements of WAC 296-155-305; and

2. During hours of darkness (1/2-hour before sunset to 1/2-hour after sunrise) or other low visibility conditions (snow, fog, etc.), workers shall wear a high-visibility ANSI/ISEA 107-2004 Class 2 or 3 vest or jacket, high visibility lower garment meeting ANSI/ISEA 107-2004 Class E, and hardhats meeting the high visibility headwear requirements of WAC 296-155-305.

I-07.8(2) Non-Traffic Control Personnel
All personnel, except those performing the Work described in Section 1-10, shall wear high visibility apparel meeting the ANSI/ISEA 107-2004 Class 2 or 3 standard.

I-07.9(1) General
The following new paragraph is inserted to follow the sixth paragraph:

The Contractor shall ensure that any firm (Supplier, Manufacturer, or Fabricator) that falls under the provisions of RCW 39.12 because of the definition “Contractor” in WAC 296-127-010, complies with all the requirements of RCW 39.12.
1-07.15 Temporary Water Pollution/Erosion Control
This section is supplemented with the following:

Stormwater or dewatering water that has come in contact with concrete rubble, concrete
pours, or cement treated soils shall be maintained to pH 8.5 or less before it is allowed to
enter waters of the state. If pH exceeds 8.5, the Contractor shall immediately discontinue
work and initiate treatment according to the plan to lower the pH. Work may resume, with
treatment, once the pH of the stormwater is 8.5 or less or it can be demonstrated that the
runoff will not reach surface waters.

High pH process water shall not be discharged to waters of the state. Unless specific
measures are identified in the Special Provisions, high pH process water may be infiltrated,
dispersed in vegetation or compost, or pumped to a sanitary sewer system. Water being
infiltrated or dispersed shall have no chance of discharging directly to waters of the state,
including wetlands or conveyances that indirectly lead to waters of the state. High pH
process water shall be treated to within a range of 6.5 to 8.5 pH units prior to infiltration to
ensure the discharge does not cause a violation of groundwater quality standards. If water is
pumped to the sanitary sewer, the Contractor shall provide a copy of permits and
requirements for placing the material into a sanitary sewer system prior to beginning the
work. Process water may be collected and disposed of by the Contractor off the project site.
The Contractor shall provide a copy of the permit for an approved waste site for the disposal
of the process water prior to the start of work which generates the process water.

1-07.15(1) Spill Prevention, Control and Countermeasures Plan
This section is revised to read:

The Contractor shall prepare a project-specific spill prevention, control, and
countermeasures plan (SPCC Plan) that will be used for the duration of the project. The
Contractor shall submit the plan to the Project Engineer no later than the date of the
preconstruction conference. No on-site construction activities may commence until
WSDOT accepts an SPCC Plan for the project.

The term “hazardous materials”, as used in this Specification, is defined in Chapter 447 of
the WSDOT Environmental Procedures Manual (M31-11). Occupational safety and health
requirements that may pertain to SPCC Plan implementation are contained in but not limited
to WAC 296-824 and WAC 296-843.

Implementation Requirements
The SPCC Plan shall be updated by the Contractor throughout project construction so that
the written plan reflects actual site conditions and practices. The Contractor shall update the
SPCC Plan at least annually and maintain a copy of the updated SPCC Plan on the project
site. All project employees shall be trained in spill prevention and containment, and shall
know where the SPCC Plan and spill response kits are located and have immediate access to
them.
If hazardous materials are encountered or spilled during construction, the Contractor shall do everything possible to control and contain the material until appropriate measures can be taken. The Contractor shall supply and maintain spill response kits of appropriate size within close proximity to hazardous materials and equipment.

The Contractor shall implement the spill prevention measures identified in the SPCC Plan before performing any of the following:

1. Placing materials or equipment in staging or storage areas.
2. Refueling, washing, or maintaining equipment.

**SPCC Plan Element Requirements**

The SPCC Plan shall set forth the following information in the following order:

1. Responsible Personnel
   Identify the name(s), title(s), and contact information for the personnel responsible for implementing and updating the plan, including all spill responders.

2. Spill Reporting
   List the names and telephone numbers of the federal, State, and local agencies the Contractor shall notify in the event of a spill.

3. Project and Site Information
   Describe the following items:
   A. The project Work.
   B. The site location and boundaries.
   C. The drainage pathways from the site.
   D. Nearby waterways and sensitive areas and their distances from the site.

4. Potential Spill Sources
   Describe each of the following for all potentially hazardous materials brought or generated on-site (including materials used for equipment operation, refueling, maintenance, or cleaning):
   A. Name of material and its intended use.
   B. Estimated maximum amount on-site at any one time.
   C. Location(s) (including any equipment used below the ordinary high water line) where the material will be staged, used, and stored and the distance(s) from nearby waterways and sensitive areas.
D. Decontamination location and procedure for equipment that comes into contact with the material.

E. Disposal procedures.

5. Pre-Existing Contamination
Describe any pre-existing contamination and contaminant sources (such as buried pipes or tanks) in the project area that are described in the Contract documents. Identify equipment and work practices that will be used to prevent the release of contamination.

6. Spill Prevention and Response Training
Describe how and when all personnel (including refueling contractors and Subcontractors) will be trained in spill prevention, containment and response in accordance with the Plan. Describe how and when all spill responders will be trained in accordance with WAC 296-824.

7. Spill Prevention
Describe the following items:

A. Spill response kit contents and location(s).

B. Security measures for potential spill sources.

C. Secondary containment practices and structures for hazardous materials.

D. Methods used to prevent stormwater from contacting hazardous materials.

E. Site inspection procedures and frequency.

F. Equipment and structure maintenance practices.

G. Daily inspection and cleanup procedures that ensure all equipment used below the ordinary high water line is free of all external petroleum based products.

H. Refueling procedures for equipment that cannot be moved from below the ordinary high water line.

8. Spill Response
Outline the response procedures the Contractor will follow for each scenario listed below. Include a description of the actions the Contractor shall take and the specific, on-site, spill response equipment that shall be used to assess the spill, secure the area, contain and eliminate the spill source, and clean up and dispose of spilled and contaminated material.
A. A spill of each type of hazardous material at each location identified in 4, above.

B. Stormwater that has come into contact with hazardous materials.

C. A release or spill of any pre-existing contamination and contaminant source described in 5, above.

D. A release or spill of any unknown pre-existing contamination and contaminant sources (such as buried pipes or tanks) encountered during project Work.

E. A spill occurring during Work with equipment used below the ordinary high water line.

If the Contractor will use a Subcontractor for spill response, provide contact information for the Subcontractor under item 1 (above), identify when the Subcontractor will be used, and describe actions the Contractor shall take while waiting for the Subcontractor to respond.

9. Project Site Map
   Provide a map showing the following items:

   A. Site location and boundaries.

   B. Site access roads.

   C. Drainage pathways from the site.

   D. Nearby waterways and sensitive areas.

   E. Hazardous materials, equipment, and decontamination areas identified in 4, above.

   F. Pre-existing contamination or contaminant sources described in 5, above.

   G. Spill prevention and response equipment described in 7 and 8, above.

10. Spill Report Forms
    Provide a copy of the spill report form(s) that the Contractor will use in the event of a release or spill.

Payment
Payment will be made in accordance with Section 1-04.1 for the following Bid item when it is included in the Proposal:
“SPCC Plan”, lump sum.

When the written SPCC is accepted by WSDOT, the Contractor shall receive 50-percent of the lump sum Contract price for the plan.

The remaining 50-percent of the lump sum price will be paid after the materials and equipment called for in the plan are mobilized to the project.

The lump sum payment for “SPCC Plan” shall be full pay for:

1. All costs associated with creating the accepted SPCC Plan.

2. All costs associated with providing and maintaining the on-site spill prevention equipment described in the accepted SPCC Plan.

3. All costs associated with providing and maintaining the on-site standby spill response equipment and materials described in the accepted SPCC Plan.

4. All costs associated with implementing the spill prevention measures identified in the accepted SPCC Plan.

5. All costs associated with updating the SPCC Plan as required by this Specification.

As to other costs associated with releases or spills, the Contractor may request payment as provided for in the Contract. No payment shall be made if the release or spill was caused by or resulted from the Contractor’s operations, negligence, or omissions.

1-07.16(4) Archaeological and Historical Objects
This section is supplemented with the following new sub-section:

1-07.16(4)A Inadvertent Discovery of Human Skeletal Remains
If human skeletal remains are encountered by the Contractor, they shall not be further disturbed. The Contractor shall immediately notify the Engineer of any such finds, and shall cease all work adjacent to the discovery, in an area adequate to provide for the total security and protection of the integrity of the skeletal remains. The Engineer may require the Contractor to suspend Work in the vicinity of the discovery until final determinations and removal of the skeletal remains is completed.

If the Engineer finds that the suspension of Work in the vicinity of the discovery increases or decreases the cost or time required for performance of any part of the Work under this Contract, the Engineer will make an adjustment in payment or the time required for the performance of the Work in accordance with Sections 1-04.4 and 1-08.8.

1-07.17(2) Utility Construction, Removal or Relocation by Others
The first sentence in the second paragraph is revised to read:
If the Contract provides notice that utility work (including furnishing, adjusting, relocating, replacing, or constructing utilities) will be performed by others during the prosecution of the Work, the Special Provisions will establish the utility owners anticipated completion.

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

When others delay the Work through late performance of utility work, the Contractor shall adhere to the requirements of Section 1-04.5.

**I-07.23 Public Convenience and Safety**

This section is revised to read:

The Contractor shall be responsible for providing adequate safeguards, safety devices, protective equipment, and any other needed actions to protect the life, health, and safety of the public, and to protect property in connection with the performance of the Work covered by the Contract. The Contractor shall perform any measures or actions the Engineer may deem necessary to protect the public and property. The responsibility and expense to provide this protection shall be the Contractor's except that which is to be furnished by the Contracting Agency as specified in other sections of these Specifications. Nothing contained in this Contract is intended to create any third-party beneficiary rights in favor of the public or any individual utilizing the Highway facilities being constructed or improved under this Contract.

**I-07.23(1) Construction Under Traffic**

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

The Contractor shall maintain existing roads, streets, sidewalks, and paths within the project limits, keeping them open, and in good, clean, safe condition at all times.

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

The Contractor shall also maintain roads, streets, sidewalks, and paths adjacent to the project limits when affected by the Contractor's operations.

The final paragraph in this section is deleted.

**I-07.23(2) Construction and Maintenance of Detours**

Number 1. under the first paragraph is revised to read:

Detours and detour bridges that will accommodate traffic diverted from the Roadway, bridge, sidewalk or path during construction,
SECTION 1-08, PROSECUTION AND PROGRESS

August 4, 2008

1-08.1 Subcontracting

Item (2) in the first sentence of the seventh paragraph is revised to read:

(2) Delivery of these materials to the Work site in vehicles owned or operated by such plants or by recognized independent or commercial hauling companies hired by those commercial plants.

1-08.3(2)A Type A Progress Schedule

This section is revised to read:

The Contractor shall submit five copies of a Type A Progress Schedule no later than 10 days after the date the contract is executed, or some other mutually agreed upon submittal time. The schedule may be a critical path method (CPM) schedule, bar chart, or other standard schedule format. Regardless of which format used, the schedule shall identify the critical path. The Engineer will evaluate the Type A Progress Schedule and approve or return the schedule for corrections within 15 calendar days of receiving the submittal.

1-08.5 Time for Completion

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

A nonworking day is defined as a Saturday, a Sunday, a whole or half day on which the Contract specifically prohibits Work on the critical path of the Contractor’s approved progress schedule, or one of these holidays: January 1, the third Monday of January, the third Monday of February, Memorial Day, July 4, Labor Day, November 11, Thanksgiving Day, the day after Thanksgiving, and Christmas Day.

1-08.6 Suspension of Work

The first paragraph is revised to read:

The Engineer may order suspension of all or any part of the Work if:

1. Unsuitable weather that prevents satisfactory and timely performance of the Work; or

2. The Contractor does not comply with the Contract; or

3. It is in the public interest.

1-08.7 Maintenance During Suspension

The first sentence in the fourth paragraph is revised to read:
If the Engineer determines that the Contractor has pursued the Work diligently before the
suspension, then the Contracting Agency will maintain the temporary Roadway (and bear its
cost).

The fifth paragraph is revised to read:

The Contractor shall protect and maintain all other Work in areas not used by traffic. All
costs associated with protecting and maintaining such Work shall be the responsibility of the
Contractor, except those costs associated with implementing the TESC Plan according to
Section 8-01.

The seventh paragraph is revised to read:

After any suspension, the Contractor shall resume all responsibilities the Contract assigns
for the Work.

SECTION 1-09, MEASUREMENT AND PAYMENT
April 7, 2008

1-09.9 Payments
The first paragraph is supplemented with the following:

For items Bid as lump sum, the Contractor shall submit a breakdown of their lump sum
price in sufficient detail for the Project Engineer to determine the value of the Work
performed on a monthly basis. Lump sum breakdowns shall be provided to the Project
Engineer no later than the date of the preconstruction meeting.

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

Unless otherwise provided in the payment clause of the applicable Specifications, partial
payment for lump sum Bid items will be a percentage of the price in the Proposal based on
the Project Engineer’s determination of the amount of Work performed, with consideration
given to but not exclusively based on the Contractors lump sum breakdown.

The third paragraph is supplemented with the following:

The determination of payments under the contract will be final in accordance with Section
1-05.1.

1-09.9(1) Retainage
In the fourth paragraph, number 1, the reference to $20,000 is revised to read $35,000.
SECTION 1-10, TEMPORARY TRAFFIC CONTROL
April 6, 2009

1-10.1(2) Description
The following new paragraph is inserted after the second paragraph:

Unless otherwise permitted by the Contract or approved by the Project Engineer, the Contractor shall keep all existing pedestrian routes and access points (including sidewalks, paths and crosswalks) open and clear at all times.

The second and third sentences in the third paragraph are revised to read:

The Contractor shall erect and maintain all construction signs, warning signs, detour signs, and other traffic control devices necessary to warn and protect the public at all times from injury or damage as a result of the Contractor’s operations which may occur on or adjacent to Highways, roads, streets, sidewalks or paths. No Work shall be done on or adjacent to any Traveled Way until all necessary signs and traffic control devices are in place.

1-10.2(1) General
The second sentence in the third paragraph is revised to read:

Possession of a current TCS card and flagging card by the primary and alternate TCS is mandatory.

1-10.2(2) Traffic Control Plans
The first sentence in the first paragraph is revised to read:

The traffic control plan or plans appearing in the Contract documents show a method of handling vehicle, bicycle and pedestrian traffic.

In the third sentence of the second paragraph, the reference to "MUTCD, Part VI" is revised to "MUTCD, Part 6".

1-10.3(2)B Rolling Slowdown
The first two paragraphs are deleted and replaced with the following:

Rolling slowdown traffic control operations are not to be used for routine work that can be addressed by standard lane or shoulder closure traffic control. When a short-term roadway closure is needed for an infrequent, non-repetitive work operation such as a sign bridge removal, or utility wire crossing, the Contractor may implement a rolling slowdown on a multi-lane roadway, as part of an approved traffic control plan.

The Contractor shall submit for approval a traffic control plan detailing the expected delay time, interchange ramp control and rolling slowdown distance. A portable changeable message sign shall be placed ahead of the starting point of the traffic control to warn traffic of the slowdown. The sign shall be placed far enough ahead of the Work to avoid any expected backup of vehicles.

A rolling slowdown shall use traffic control vehicles with flashing amber lights. At least one traffic control vehicle will be used for every two lanes to be slowed, plus a control vehicle will serve as a following (chase) vehicle for traffic ahead of the blockade. The traffic control vehicles shall enter the roadway and form a moving blockade to reduce traffic speeds and create a clear area ahead of the blockade in which to accomplish the work without a total stoppage of traffic.
1-10.3(3)A Construction Signs
The fifth paragraph is revised to read:
Where it is necessary to add weight to signs for stability, sand bags or other similar ballast may be used but the height shall not be more than 4-inches above the Roadway surface, and shall not interfere with the breakaway features of the device. The Contractor shall follow the manufacturer’s recommendations for sign ballasting.

1-10.3(3)D Barricades
The second paragraph is revised to read:
Where it is necessary to add weight to barricades for stability, sand bags or other similar ballast may be used but the height shall not be more than 4-inches above the Roadway surface and shall not interfere with the breakaway features of the device. The Contractor shall follow the manufacturer’s recommendation for sign ballasting.

1-10.3(3)G Traffic Cones
This section including title is revised to read:

1-10.3(3)G Traffic Cones and Tall Channelizing Devices
Where shown on an approved traffic control plan or where ordered by the Engineer, the Contractor shall provide, install and maintain traffic cones or tall channelizing devices. Cones and tall channelizing devices shall be kept in good repair and shall be removed immediately when directed by the Engineer. Where wind or moving traffic frequently displaces cones, an effective method of stabilizing them, such as stacking two together at each location, shall be employed.

1-10.3(3)K Portable Temporary Traffic Control Signal
The first paragraph is revised to read:
Where shown on an approved traffic control plan, the Contractor shall provide, operate, maintain and remove a portable temporary traffic control signal system to provide alternating one-lane traffic operations on a two-way facility. A portable temporary traffic control signal system shall be defined as two traffic control units that operate together. The system shall be trailer mounted, fully self-contained and designed so that it can be easily transported and deployed at different locations.

The third sentence in the second paragraph is deleted.

The following is inserted in front of the sixth paragraph:
The Traffic Control Supervisor shall monitor and insure that the Portable Temporary Traffic Control Signal is fully operational and maintained as specified by the manufacturer. This Work may include cleaning and replacing lamps and other routine maintenance as needed.

1-10.4(2) Item Bids with Lump Sum for Incidentally
The unit of measurement statement for “Portable Temporary Traffic Control Signal” is revised to read:
No specific unit of measurement will apply to the lump sum item of “Portable Temporary Traffic Control Signal”.
1-10.5(1) Lump Sum Bid for Project (No Unit Items)
This section is revised to read:

"Project Temporary Traffic Control", lump sum.

The lump sum Contract payment shall be full compensation for all costs incurred by the Contractor in performing the Contract Work defined in Section 1-10, except for costs compensated by Bid Proposal items inserted through Contract Provisions as described in Section 1-10.4(3).

1-10.5(2) Item Bids with Lump Sum for Incidentals
The unit of measure for the bid item "Portable Temporary Traffic Control Signal," is revised to lump sum.

The paragraph following "Portable Temporary Traffic Control Signal," is revised to read:

The lump sum Contract price shall be full compensation for all costs of labor, materials and equipment incurred by the Contractor in performing the Contract Work as described in Section 1-10.3(3)K, including all costs for traffic control during manual control, adjustment, malfunction, or failure of the portable traffic control signals and during replacement of failed or malfunctioning signals.

DIVISION 2
EARTHWORK

SECTION 2-01, CLEARING, GRUBBING, AND ROADSIDE CLEANUP
April 7, 2008

2-01.3(1) Clearing
Item 3 is deleted.

The first sentence in Item 4 is revised to read:

Follow these requirements for all stumps that will be buried deeper than 5-feet from the top, side, or end surface of the embankment or any structure:

2-01.3(2) Grubbing
Item 2. e, is revised to read:

Upon which embankments will be placed except stumps may be close-cut or trimmed as allowed in Section 2-01.3(1) item 4.

SECTION 2-02, REMOVAL OF STRUCTURES AND OBSTRUCTIONS
April 7, 2008

2-02.3(3) Removal of Pavement, Sidewalks, Curbs, and Gutters
The first sentence in 3. is supplemented with the following:
For removal of bituminous pavement, asphalt planing equipment may be used in lieu of sawcutting provided that a clean vertical edge remains.

SECTION 2-03, ROADWAY EXCAVATION AND EMBANKMENT
January 7, 2008

2-03.1 Description
The first sentence in the first paragraph is revised to read:

The Work described in this section, regardless of the nature or type of the materials encountered, includes excavating and grading the Roadway, excavating in borrow pits, excavating below grade, excavating channels and ditches, removing slide material, and disposing of all excavated material.

2-03.3(3) Excavation Below Grade
The section title is revised to read:

2-03.3(3) Excavation Below Subgrade

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

Compaction. If the density of the natural earth under any area of the Roadway is less than that required in Section 2-03.3(14)C, Method B, the Engineer may order the Contractor to perform any or all of the following:

2-03.3(14)M Excavation of Channels
This section including title is revised to read:

2-03.3(14)M Excavation of Channels and Ditches
Channel Excavation: Open excavations 8-feet or more wide at the bottom, but excludes channels that are part of the Roadway.

Ditch Excavation: Open excavations less than 8-feet wide at the bottom, but excludes ditches that are part of the Roadway.

Before excavating channels or ditches, the Contractor shall clear and grub the area in accordance with Section 2-01.

2-03.4 Measurement
The first sentence in the first paragraph is revised to read:

Roadway excavation, channel excavation, ditch excavation, unsuitable foundation excavation, and common borrow items will be measured by the cubic yard.

The fourth sentence in the first paragraph is revised to read:
For Roadway excavation, channel excavation and ditch excavation items, the original ground will be compared with the planned finished section shown in the Plans.

2-03.5 Payment
The first paragraph is supplemented with the following:

"Channel Excavation", per cubic yard.
"Channel Excavation Incl. Haul", per cubic yard.
"Ditch Excavation", per cubic yard.
"Ditch Excavation Incl. Haul", per cubic yard.

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


The second paragraph is supplemented with the following:

When a bid item is not included in the proposal for channel excavation or ditch excavation all costs shall be included in roadway excavation.

The third paragraph is revised to read:

When the Engineer orders Work according to Section 2-03.3(3), unit Contract prices shall apply, unless the Work differs materially from the excavation above Subgrade, then payment will be in accordance with Section 1-04.4.

DIVISION 5
SURFACE TREATMENTS AND PAVEMENTS

SECTION 5-02, BITUMINOUS SURFACE TREATMENT
December 1, 2008

5-02.3(3) Application of Asphalt Emulsion and Aggregate
The chart following the first paragraph is revised to read:

<table>
<thead>
<tr>
<th>Application Rate</th>
<th>Aggregate Size</th>
<th>Aggregates (lbs. per sq. yd.) Applied</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undiluted Asphalt Emulsion (gal. per sq. yd.) Applied</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### New Construction

<table>
<thead>
<tr>
<th>Material</th>
<th>Dilution</th>
<th>Grade</th>
<th>Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prime Coat</td>
<td>0.35-0.65</td>
<td>⅛-⅛ U.S. No. 4 or ⅛-⅛</td>
<td>25-45</td>
</tr>
<tr>
<td>Tack Coat</td>
<td>0.35-0.60</td>
<td>⅛-U.S. No. 4</td>
<td>25-40</td>
</tr>
<tr>
<td>Choke Stone</td>
<td>N/A</td>
<td>U.S. No. 4-0</td>
<td>4-6</td>
</tr>
</tbody>
</table>

### Seal Coats

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Dilution</th>
<th>Grade</th>
<th>Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>⅛-inch</td>
<td>0.40-0.65</td>
<td>⅛-U.S. No. 4 U.S. No. 4-0</td>
<td>25-45</td>
</tr>
<tr>
<td>½-inch</td>
<td>0.35-0.55</td>
<td>½-U.S. No. 4</td>
<td>20-35</td>
</tr>
<tr>
<td>¾-inch – No. 4</td>
<td>0.35-0.55</td>
<td>¾- U.S. No. 4</td>
<td>20-30</td>
</tr>
<tr>
<td>⅛-inch – No. 10</td>
<td>0.20-0.40</td>
<td>¾- U.S. No. 10</td>
<td>18-30</td>
</tr>
<tr>
<td>Choke Stone</td>
<td>N/A</td>
<td>U.S. No. 4-0</td>
<td>4-6</td>
</tr>
</tbody>
</table>

### Pavement Sealing

<table>
<thead>
<tr>
<th>Grade</th>
<th>Dilution</th>
<th>Application Rate (gal/sq yd)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSS-1 or CSS-1h</td>
<td>Diluted</td>
<td>0.10-0.18</td>
</tr>
<tr>
<td>STE-1</td>
<td>Undiluted</td>
<td>0.05-0.09</td>
</tr>
</tbody>
</table>

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

The second application of asphalt emulsion (tack coat) shall be applied the next day, or as approved by the Project Engineer.

The eleventh paragraph and the chart following the eleventh paragraph are revised to read:

Before application to the Roadway, asphalt emulsion shall be heated to the following temperatures or that recommended by the manufacturer.

<table>
<thead>
<tr>
<th>Type and Grade of Asphalt Emulsion</th>
<th>Distributor Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Min. °F</td>
</tr>
<tr>
<td>New Construction and Seal Coats:</td>
<td></td>
</tr>
<tr>
<td>CRS-1, CRS-2, CRS-2P</td>
<td>125</td>
</tr>
<tr>
<td>CMS-2, CMS-2S, CMS-2h</td>
<td>125</td>
</tr>
<tr>
<td>Fog Seal:</td>
<td></td>
</tr>
</tbody>
</table>
The third sentence in the twelfth paragraph is revised to read:

CSS-1 and CSS-1h emulsified asphalt shall be diluted at a rate of one part water to one part emulsified asphalt as specified in Section 5-04.3(19) unless otherwise directed by the Project Engineer.

The twelfth paragraph is supplemented with the following:

STE-1 shall not be diluted.

5-02.3(10) Unfavorable Weather
Item 4. under the second paragraph is revised to read:

4. Construction of bituminous surface treatments shall not be carried out before May 1 or after August 31 of any year except upon written order of the Project Engineer.

SECTION 5-04, HOT MIX ASPHALT
December 1, 2008

5-04.3(9) Spreading and Finishing
The nominal compacted depth for HMA Class 3/4" and HMA Class 1/2" listed under the first paragraph is revised to read:

HMA Class 3/4" and HMA Class 1/2"
  wearing course 0.30-feet
  other courses 0.35-feet

5-04.3(12)B Longitudinal Joints
The first two paragraphs are revised to read:

The longitudinal joint in any 1 course shall be offset from the course immediately below by not more than 6-inches nor less than 2-inches. All longitudinal joints constructed in the wearing course shall be located at a lane line or an edge line of the Traveled Way.

On one-lane ramps a longitudinal joint may be constructed at the center of the traffic lane, subject to approval by the Project Engineer, if:

1. The ramp must remain open to traffic, or

2. The ramp is closed to traffic and a hot-lap joint is constructed.
a. If a hot-lap joint is allowed at the center of the traffic lane, 2 paving machines shall be used; a minimum compacted density in accordance with Section 5-04.3(10)B shall be achieved throughout the traffic lane; and construction equipment other than rollers shall not operate on any uncompacted mix.

The reference to Standard Plan A-1 in the third paragraph is revised to read "Standard Plan A40.10-00."

5-04.3(16) Weather Limitations
The chart for Surface Temperature Limitation is revised to read:

<table>
<thead>
<tr>
<th>Surface Temperature Limitation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>--------------------------------</td>
</tr>
<tr>
<td>Less than 0.10</td>
</tr>
<tr>
<td>0.10 to 0.20</td>
</tr>
<tr>
<td>More than 0.20</td>
</tr>
</tbody>
</table>

5-04.3(21) Asphalt Binder Revision
This section is revised to read:

When the Contracting Agency provides a source of aggregate, the expected percentage content of asphalt binder in the resulting mix will be identified in the Contract documents.

Should the percentage of asphalt binder shown in the job mix formula for Hot Mix Asphalt produced with Agency-provided aggregate vary by more than plus or minus 0.3-percent from the amount shown in the Contract documents, an adjustment in payment will be made. The adjustment in payment (plus or minus) will be based on the invoice unit cost, including shipping cost, without any markups. The quantity subject to an adjustment shall be the difference between the JMF asphalt binder percentage and the contract document asphalt binder percentage except that the first 0.3% of this difference shall not apply. No adjustment will be made when the Contractor elects not to use a Contracting Agency-provided source, or when no source is made available by the Contracting Agency.

SECTION 6-02, CONCRETE STRUCTURES
April 6, 2009

6-02.2 Materials
This section is supplemented with the following:

Pigmented Sealer Materials for Coating of Concrete Surfaces 9-08.2(1)
6-02.3(2)A Contractor Mix Design
The third sentence in the fourth paragraph is revised to read:
The nominal maximum size aggregate for Class 4000P shall be 3/8-inch.
The fourth sentence in the fourth paragraph is revised to read:
The nominal maximum size aggregate for Class 4000D shall be 1-inch.

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, light standard foundations, pedestals, cabinet bases, guardrail anchors, sign post foundations, 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. Commercial concrete shall not be used for items such as, bridges, retaining walls, box culverts, or foundations for high mast luminaires, mast arm traffic signals, cantilever signs, and sign bridges. The Engineer may approve the use of commercial concrete for other applications not listed above.

6-02.3(6)D Protection Against Vibration
The second sentence in the second paragraph is revised to read:
These requirements for the protection of freshly placed concrete against vibration shall not apply for plant cast concrete, nor shall they apply to the vibrations caused by the traveling public.
The third sentence in the second paragraph is deleted.
Item (2) under the third paragraph is revised to read:
(2) Equipment Class L (Low Vibration) shall include tracked dozers under 85,000-pounds, track vehicles, trucks (unless excluded above), hand operated jack hammers, cranes, auger drill rig, caisson drilling, vibratory roller compactors under 30,000-pounds, and grab-hammers.
Item (3) under the third paragraph is revised to read:
(3) Equipment Class H (High Vibration) shall include pile drivers, vibratory hammers, machine operated impact tools, pavement breakers, and other large pieces of equipment.
6-02.3(10) Roadway Slabs and Bridge Approach Slabs
This section's content is deleted. This section's title is revised to read:

6-02.3(10) Bridge Decks and Bridge Approach Slabs

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

6-02.3(10)A Preconstruction Meeting
A pre-concreting conference shall be held 5 to 10-working days before placing concrete to
discuss construction procedures, personnel, and equipment to be used. Those attending shall
include:

1. (representing the Contractor) The superintendent and all foremen in charge of
placing the concrete, finishing it; and

2. (representing the State) The Project Engineer, key inspection assistants, and the
State Construction Office.

If the project includes more than 1 deck or slab, and if the Contractor's key personnel
change between concreting operations, or at request of the Engineer, an additional
conference shall be held just before each deck or slab is placed.

The Contractor shall not place bridge decks until the Engineer agrees that:

1. Concrete producing and placement rates will be high enough to meet placing and
finishing deadlines;

2. Finishers with enough experience have been employed;

3. Adequate finishing tools and equipment are at the site, and

4. Curing procedures consistent with the Specification requirements are employed.

6-02.3(10)B Screed Rail Supports
The Contractor shall place screed rails outside the finishing area. When screed rails cannot
be placed outside the finishing area as determined by the Engineer, they shall rest on
adjustable supports that can be removed with the least possible disturbance to the screeded
concrete. The supports shall rest on structural members or on forms rigid enough to resist
deflection. Supports shall be removable to at least 2-inches below the finished surface. For
staged constructed bridge decks, the finishing machine screed rails shall not be supported on
the completed portion of deck and shall deflect with the portion of structure under
construction.

Screed rails (with their supports) shall be strong enough and stiff enough to permit the
finishing machine to operate effectively on them. All screed rails shall be placed and secured
for the full length of the deck/slab before the concreting begins. If the Engineer approves in
advance, the Contractor may move rails ahead onto previously set supports while concreting progresses. But such movable rails and their supports shall not change the set elevation of the screed.

On steel truss and girder spans, screed rails and bulkheads may be placed directly on transverse steel floorbeams, with the strike-board moving at right angles to the centerline of the Roadway.

6-02.3(10)C Finishing Equipment
The finishing machine shall be self-propelled and be capable of forward and reverse movement under positive control. The finishing machine shall be equipped with a rotating cylindrical single or double drum screed not exceeding 60-inches in length. The finishing machine shall have the necessary adjustments to produce the required cross-section, line, and grade. Provisions shall be made for the raising and lowering of all screeds under positive control. The upper vertical limit of screed travel shall permit the screed to clear the finished concrete surface.

For bridge deck widening of 20-feet or less, and for bridge approach slabs, or where jobsite conditions do not allow the use of conventional configuration finishing machines described above, the Contractor may propose the use of a hand operated motorized power screed such as a "Texas" or "Bunyan" screed. This screed shall be capable of finishing the bridge deck and bridge approach slab to the same standards as the finishing machine. The Contractor shall not begin placing bridge deck or bridge approach slab concrete until receiving the Engineer’s approval of this screed and the placing procedures.

On bridge decks the Contractor may use hand-operated strike-boards only when the Engineer approves for special conditions where self propelled or motorized hand operated screeds cannot be employed. These boards shall be sturdy and able to strike off the full placement width without intermediate supports. Strike-boards, screed rails, and any specially made auxiliary equipment shall receive the Engineer’s approval before use. All finishing requirements in these Specifications apply to hand-operated finishing equipment.

6-02.3(10)D Concrete Placement, Finishing, and Texturing
Before any concrete is placed, the finishing machine shall be operated over the entire length of the deck/slab to check screed deflection. Concrete placement may begin only if the Engineer approves after this test.

Immediately before placing concrete, the Contractor shall check (and adjust if necessary) all falsework and wedges to minimize settlement and deflection from the added mass of the concrete deck/slab. The Contractor shall also install devices, such as telltales, by which the Engineer can readily measure settlement and deflection.

The Contractor shall schedule the concrete placement so that it can be completely finished during daylight. After dark finishing is permitted if the Engineer approves and if the Contractor provides adequate lighting.
The placement operation shall cover the full width of the Roadway or the full width between construction joints. The Contractor shall locate any construction joint over a beam or web that can support the deck/slab on either side of the joint. The joint shall not occur over a pier unless the Plans permit. Each joint shall be formed vertically and in true alignment. The Contractor shall not release falsework or wedges supporting pours on either side of a joint until each side has aged as these Specifications require.

Placement of concrete for bridge decks and bridge approach slabs shall comply with Section 6-02.3(6). The Engineer shall approve the placement method. In placing the concrete, the Contractor shall:

1. Place it (without segregation) against concrete placed earlier, as near as possible to its final position, approximately to grade, and in shallow, closely spaced piles;

2. Consolidate it around reinforcing steel by using vibrators before strike-off by the finishing machine;

3. Not use vibrators to move concrete;

4. Not revibrate any concrete surface areas where workers have stopped prior to sawing;

5. Remove any concrete splashed onto reinforcing steel in adjacent segments before concreting them;

6. Tamp and strike off the concrete with a template or strike board moving slowly forward at an even speed;

7. Maintain a slight excess of concrete in front of the cutting edge across the entire width of the placement operation;

8. Make enough passes with the strike-board (without overfinishing and bringing excessive amounts of mortar to the surface) to create a surface that is true and ready for final finish; and

9. Leave a thin, even film of mortar on the concrete surface after the last pass of the strike-board.

Workers shall complete all post sawing operations without walking on the concrete. This may require work bridges spanning the full width of the slab.

After removing the screed supports, the Contractor shall fill the voids with concrete (not mortar).

If necessary, as determined by the Engineer, the Contractor shall float the surface left by the finishing machine to remove roughness, minor irregularities, and seal the surface of the
concrete. Floating shall leave a smooth and even surface. Float finishing shall be kept to a minimum number of passes so air bubbles in the concrete are not released. The floats shall be at least 4-feet long. Each transverse pass of the float shall overlap the previous pass by at least half the length of the float. The first floating shall be at right angles to the strike-off. The second floating shall be at right angles to the centerline of the span. A smooth riding surface shall be maintained across construction joints.

Expansion joints shall be finished with a 1/2-inch radius edger.

After floating, but while the concrete remains plastic, the Contractor shall test the entire deck/slab for flatness (allowing for crown, camber, and vertical curvature). The testing shall be done with a 10-foot straightedge held on the surface. The straightedge shall be advanced in successive positions parallel to the centerline, moving not more than 1/2 the length of the straightedge each time it advances. This procedure shall be repeated with the straightedge held perpendicular to the centerline. An acceptable surface shall be one free from deviations of more than 1/8-inch under the 10-foot straightedge.

If the test reveals depressions, the Contractor shall fill them with freshly mixed concrete, strike off, consolidate, and refinish them. High areas shall be cut down and refinished. Retesting and refinishing shall continue until an acceptable, deviation free surface is produced. The hardened concrete shall meet all smoothness requirements of these Specifications even though the tests require corrective Work.

The Contractor shall texture the bridge deck and bridge approach slab by combing the final surface perpendicular to the centerline. Made of a single row of metal tines, the comb shall leave striations in the fresh concrete approximately 3/16-inch deep by 1/8-inch wide and spaced approximately 1/2-inch apart. The Engineer will decide actual depths at the site. (If the comb has not been approved, the Contractor shall obtain the Engineer’s approval by demonstrating it on a test section.)

The Contractor may operate the combs manually or mechanically, either singly or with several placed end to end. The timing and method used shall produce the required texture without displacing larger particles of aggregate. Texturing shall end 2-feet from curb lines. This 2-foot untextured strip shall be hand finished with a steel trowel.

If the Plans call for an overlay (to be constructed under the same Contract), such as hot mix asphalt, latex modified concrete, epoxy concrete, or similar, the Contractor shall produce the final finish by dragging a strip of damp, seamless burlap lengthwise over the full width of the deck/slab or by brooming it lightly. A burlap drag shall equal the deck/slab in width. Approximately 3-feet of the drag shall contact the surface, with the least possible bow in its leading edge. It shall be kept wet and free of hardened lumps of concrete. When it fails to produce the required finish, the Contractor shall replace it. When not in use, it shall be lifted clear of the slab.

After the deck/slab has cured, the surface shall not vary more than 1/8-inch under a 10-foot straightedge placed parallel and perpendicular to the centerline.
The Contractor shall cut high spots down with a diamond faced, saw-type cutting machine. This machine shall cut through mortar and aggregate without breaking or dislodging the aggregate or causing spalls.

Low spots shall be built up utilizing a grout or concrete with a strength equal to or greater than the required 28-day strength of the deck/slab. The method of build-up shall be submitted to the Engineer for approval.

The surface texture on any area cut down or built up shall match closely that of the surrounding bridge deck or bridge approach slab area. The entire bridge deck and bridge approach slab shall provide a smooth riding surface.

6-02.3(10)E Sidewalk
Concrete for sidewalk shall be well compacted, struck off with a strike-board, and floated with a wooden float to achieve a surface that does not vary more than 3⁄16-inch under a 10-foot straightedge. An edging tool shall be used to finish all sidewalk edges and expansion joints. The final surface shall have a granular texture that will not turn slick when wet.

6-02.3(10)F Bridge Approach Slab Orientation and Anchors
Bridge approach slabs shall be constructed full bridge deck width from outside usable Shoulder to outside usable Shoulder at an elevation to match the Structure. The bridge approach slabs shall be modified as shown in the Plans to accommodate the grate inlets at the bridge ends if the grate inlets are required.

Bridge approach slab anchors shall be installed as detailed in the Plans and the anchor rods, couplers, and nuts shall conform to Section 9-06.5(1). The steel plates shall conform to ASTM A 36. All metal parts shall receive 1 coat of formula A-11-99 paint meeting the requirements of Section 9-08.2. The pipe shall be any non-perforated PE or PVC pipe of the diameter specified in the Plans. Polystyrene shall conform to Section 9-04.6. The anchors shall be installed parallel both to profile grade and center line of Roadway. The Contractor shall secure the anchors to ensure that they will not be misaligned during concrete placement. For Method B anchors installations, the epoxy bonding agent used to install the anchors shall be Type IV conforming to Section 9-26.1. The compression seal shall be as noted in the Contract documents. Dowel bars shall be installed in the bridge approach slabs in accordance with the requirements of the Standard Plans and Section 5-05.3(10).

After curing bridge approach slabs in accordance with Section 6-02.3(11), the bridge approach slabs may be opened to traffic when a minimum compressive strength of 2,500 psi is achieved.

6-02.3(12) Construction Joints
The third sentence in the second paragraph is deleted.

6-02.3(14) Finishing Concrete Surfaces
The following new sub-section is inserted after Section 6-02.3(14)B:
6-02.3(14)C Pigmented Sealer for Concrete Surfaces
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) and shall receive a light brush sandblasting in order that complete neutralization of the surface and subsequent penetration of the pigmented sealer is achieved. All curing agents and form release agents shall be removed. The surface shall be dry, clean and prepared in accordance with the manufacturer's written instructions. The Contractor shall submit four copies of the manufacturer's written instructions.

The Contractor shall not apply pigmented sealer from a batch greater than twelve 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 pigmented sealer shall be spray applied in accordance with the manufacturer's written instructions for application, air temperature required for sealer application and curing, qualification of applicator, rate of application, and number of coats to apply. Pigmented sealer shall not be applied until the concrete has cured for at least 28 days. Pigmented sealer shall not be applied upon damp surfaces, nor shall it be applied when the air is misty, or otherwise unsatisfactory for the work, in the opinion of the manufacturer or the Engineer. The final appearance shall have an even and uniform color acceptable to the Engineer.

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 one foot below the finish ground line, unless otherwise shown in the Plans.

6-02.3(17)N Removal of Falsework and Forms
The fifth paragraph, beginning with "The Contractor may remove side forms, traffic barrier form, and pedestrian barrier forms" etc, is deleted.

6-02.3(17)O Early Concrete Test Cylinder Breaks
The third paragraph is revised to read:

The cylinders shall be cured in accordance with WSDOT FOP for AASHTO T 23.

6-02.3(20) Grout for Anchor Bolts and Bridge Bearings
This section's title is revised to read:

6-02.3(20) Grout for Anchor Bolts and Bridge Bearings

6-02.3(25) Prestressed Concrete Girders
In the fourth paragraph, the second sentence in Prestressed Concrete Wide Flange I Girder is revised to read:
WSDOT standard girders in this category include Series WF42G, WF50G, WF58G, WF66G, WF74G, WF83G, WF95G and WF100G.

In the fourth paragraph, the seventh sentence in Spliced Prestressed Concrete Girder is revised to read:

WSDOT standard girders in this category include Series WF66PTG, WF74PTG, WF83PTG, WF95PTG and WF100PTG.

6-02.3(25)B Casting
The reference to Section 9-23.7 in the second sentence of the third paragraph is deleted.

6-02.3(25)C Prestressing
The fifth paragraph is revised to read:

From manufacture to encasement in concrete, prestressing strand shall be protected against dirt, oil, grease, damage, and all corrosives. Strand shall be stored in a dry covered area and shall be kept in the manufacturer’s original packaging until placement in the forms. If prestressing strand has been damaged or pitted, it will be rejected. Prestressing strand with rust shall be spot cleaned with a non-metallic pad to inspect for any sign of pitting or section loss.

6-02.3(25)J Horizontal Alignment
The first paragraph is revised to read:

The Contractor shall check and record the horizontal alignment of the top and bottom flanges of each girder at the following times:

1. Initial - upon removal of the girder from the casting bed;
2. Final - within 2-weeks, but not less than 3-days prior to shipment; and
3. Storage - between 115 to 125-days after casting, if the girder remains in storage for a period exceeding 120-days.

Each check shall be made by measuring the distance between each flange and a chord that extends the full length of the girder. The Contractor shall perform and record each check at a time when the alignment of the girder is not influenced by temporary differences in surface temperature. Records for the Initial check shall be included in the Contractor’s Prestressed Concrete Certificate of Compliance. Records for the Final and Storage checks shall be provided to the Engineer for approval.

The first sentence in the fifth paragraph is deleted.

6-02.3(25)K Girder Deflection
The first paragraph is revised to read:
The Contractor shall check and record the vertical deflection (camber) of each girder at the following times:

1. Initial - upon removal of the girder from the casting bed; and

2. Storage - within 2-weeks, but not less than 3-days prior to shipment, if the girder remains in storage for a period exceeding 120-days.

The Contractor shall perform and record each check at a time when the alignment of the girder is not influenced by temporary differences in surface temperature. These records shall be available for the Engineer’s inspection, and in the case of girders older than 120-days, shall be transmitted to the Engineer as soon as practical for evaluation of the effect of long-term storage on the “D” dimension. Records for the Initial check shall be included in the Contractor’s Prestressed Concrete Certificate of Compliance. Records for the Storage check shall be provided to the Engineer for approval.

6-02.3(25)L Handling and Storage
The fifth sentence in the third paragraph is deleted.

6-02.3(25)N Prestressed Concrete Girder Erection
The fourth paragraph is revised to read:

When prestressed girders arrive on the project, the Project Engineer will confirm that they are stamped “Approved for Shipment”, that the final horizontal alignment and deflection (camber) check records have been approved, and that they have not been damaged in shipment, before accepting them.

6-02.3(26)E Ducts
The first six paragraphs under the heading Ducts for Internal Embedded Installation are revised to read:

Ducts, including their splices, shall be semi-rigid, air and mortar tight, corrugated plastic ducts of virgin polyethylene or polypropylene materials, free of water soluble chlorides or other chemicals reactive with concrete or post-tensioning reinforcement. Ducts, including their splices, shall either have a white coating on the outside or shall be of a white material with ultraviolet stabilizers added. Ducts, including their splices, shall be capable of withstanding concrete pressures without deforming or permitting the intrusion of cement paste during placement of concrete. All fasteners shall be appropriate for use with plastic ducts, and all clamps shall be of an approved plastic material.

Polyethylene ducts shall conform to ASTM D 3350 with a cell classification of 345464A. Polypropylene ducts shall conform to ASTM D 4101 with a cell classification of either PP0340B14541 or PP0340B67884. Resins used for duct fabrication shall have a minimum oxidation induction time of 20 minutes, in accordance with ASTM D 3895, based on tests performed by the duct fabricator on samples taken from the lot of finished product. The duct
thickness shall be as specified in Section 10.8.3 of the AASHTO LRFD Bridge Construction Specifications, latest edition and current interims.

Each duct shall maintain the required profile within a placement tolerance of plus or minus \(\frac{1}{4}\)-inch for longitudinal tendons and plus or minus \(\frac{1}{8}\)-inch for transverse slab tendons during all phases of the work. The minimum acceptable radius of curvature shall be as recommended by the duct manufacturer and as supported by documented industry standard testing. The ducts shall be completely sealed to keep out all mortar.

Each duct shall be located to place the tendon at the center of gravity alignment shown in the Plans. To keep friction losses to a minimum, the Contractor shall install ducts to the exact lines and grades shown in the Plans. Once in place, the ducts shall be tied firmly in position before they are covered with concrete. During concrete placement, the Contractor shall not displace or damage the ducts.

The ends of the ducts shall:

1. Permit free movement of anchorage devices, and
2. Remain covered after installation in the forms to keep out all water or debris.

Immediately after any concrete placement, the Contractor shall force blasts of oil-free, compressed air through the ducts to break up and remove any mortar inside before it hardens. Before deck concrete is placed, the Contractor shall satisfy the Engineer that ducts are unobstructed and contain nothing that could interfere with tendon installation, tensioning, or grouting. If the tendons are in place, the Contractor shall show that they are free in the duct.

Ducts shall be capped and sealed at all times until the completion of grouting to prevent the intrusion of water.

The last paragraph under the heading Ducts for Internal Embedded Installation is revised to read:

When the duct must be curved in a tight radius, more flexible duct may be used, subject to the Engineer’s approval.

The first paragraph under the heading Ducts for External Exposed Installation is revised to read:

Duct shall be high-density polyethylene (HDPE) conforming to ASTM D 3350. The cell classification for each property listed in Table 1 shall be as follows:

This section is supplemented with the following:
Vents, Grout Injection Ports, Drains and Caps
The Contractor shall install vents at high points and drains at low points of the tendon profile (and at other places if the Plans require). Vents at high points shall consist of a set of three vents - one to be installed at the high point of the duct, and flanking vents to be installed on either side of the high point vent at locations where the duct profile is 8 to 12 inches below the elevation of the high point vent. Vents shall include grout injection ports.

Vents and drains shall have a minimum inside diameter of 3/4 inches, and shall be of either stainless steel, nylon, or polyolefin materials, free of water soluble chlorides or other chemicals reactive with concrete or post-tensioning reinforcement. Stainless steel vents and drains shall conform to ASTM A 240 Type 316. Nylon vents and drains shall conform to cell classification S-PA0141 (weather resistant). Polyolefin vents and drains shall contain an antioxidant with a minimum oxidation induction time of 20 minutes in accordance with ASTM D 3895. Polyolefin vents and drains shall also have a stress crack resistance of three hours minimum when tested at an applied stress of 350 psi in accordance with ASTM F 2136.

All fasteners shall be appropriate for use with plastic ducts, and all clamps shall be of an approved plastic material. Taping of connections is not allowed. Valves shall be positive mechanical shut-off valves. Valves, and associated caps, shall have a minimum pressure rating of 100 psi.

Vents shall point upward and remain closed until grouting begins. Drains shall point downward and remain open until grouting begins. Ends of stainless steel vents and drains shall be removed 1-inch inside the concrete surface after grouting has been completed. Ends of nylon or polyolefin vents and drains may be left flush to the surface unless otherwise specified by the Engineer. Vents, except for grout injection, are not required for transverse post-tensioning ducts in the roadway slab unless specified in the Plans.

Caps shall be made of either stainless steel or fiber reinforced polymer (FRP). Stainless steel caps shall conform to ASTM A 240 Type 316L. The resin for FRP caps shall be either nylon, polyester, or acrylonitrile butadiene styrene (ABS). Nylon shall conform to cell classification S-PA0141 (weather resistant). Caps shall be sealed with "O" ring seals or precision fitted flat gaskets placed against the bearing plate. Caps shall be fastened to the anchorage with stainless steel bolts conforming to ASTM A 240 Type 316L.

Leak Tightness Testing
The Contractor shall test each completed duct assembly for leak tightness, prior to casting concrete and placing post-tensioning reinforcement. The Contractor shall submit the equipment used to conduct the leak tightness testing and to monitor and record the pressure maintained in and lost from the closed assembly, and the process to be followed in conducting the leak tightness testing, to the Engineer for approval along with the post-tensioning system shop drawings in accordance with Section 6-02.3(26)A.

Prior to testing, all vents, grout injection ports, and drains shall either be capped or have their shut-off valves closed. The Contractor shall pressurize the completed duct assembly to
an initial air pressure of 50 psi. This pressure shall be held for five minutes to allow for internal adjustments within the assembly. After five minutes, the air supply valve shall be closed. The Contractor shall monitor and measure the pressure maintained within the closed assembly, and any subsequent loss of pressure, over a period of one minute following the closure of the air supply valve. Locations of leakage shall be identified, repaired or reconstructed, and the repaired reassembled duct system retested. The cycle of testing, repair and retesting of each completed duct assembly shall continue until the completed duct assembly completes a test with pressure loss within the specified amount. The maximum pressure loss for duct assemblies equal to or less than 150 feet in length shall be 25 psig. The maximum pressure loss for duct assemblies greater than 150 feet in length shall be 15 psig.

6-02.3(26)F Prestressing Reinforcement
The fourth paragraph is revised to read:

From manufacture to encasement in concrete or grout, prestressing strand shall be protected against dirt, oil, grease, damage, and all corrosives. Strand shall be stored in a dry covered area and shall be kept in the manufacturer's original packaging. If prestressing strand has been damaged or pitted, it will be rejected. Prestressing strand with rust shall be spot cleaned with a non-metallic pad to inspect for any sign of pitting or section loss. If the prestressing reinforcement will not be stressed and grouted for more than seven calendar days after it is placed in the ducts, the Contractor shall place an approved corrosion inhibitor conforming to Federal Specification MIL-P-3420F-87 in the ducts.

6-02.3(26)H Grouting
The following is inserted in front of the first paragraph of this section:

Grout for post-tensioning reinforcement shall be a Class C pre-packaged, pumpable, non-segregating, non-shrink, high-strength grout conforming to the requirements specified in Section 10.9.3 of the AASHTO LRFD Bridge Construction Specifications, latest edition and current interims. Pre-packaged components of the grout mix shall be used within six months or less from date of manufacture to date of usage. Grout for post-tensioning reinforcement will be accepted based on manufacturer's certificate of compliance in accordance with Section 1-06.3, except that the water-cementitious material ratio of 0.45 maximum shall be field verified.

All grout produced for any single structure shall be furnished by one supplier.

All grouting operations shall be conducted by ASBI certified grout technicians.

The Contractor shall submit a grouting operation plan to the Engineer for approval in accordance with Section 6-01.9. The grouting operation plan shall include, but not be limited to, the following:

1. Names of the grout technicians, accompanied by documentation of their ASBI certification.
2. Type, quantity and brand of materials used in the grouting operations, including all manufacturer's certificates of compliance.

3. Type of equipment to be used, including meters and measuring devices used to positively measure the quantity of materials used to mix the post-tensioning grout, the equipment capacity in relation to demand and working conditions, and all back-up equipment and spare parts.

4. General grouting procedure.

5. Duct leak tightness testing and repair procedures as specified in Section 6-02.3(26)E.

6. Methods used to control the rate of grout flow within the ducts.

7. Theoretical grout volume calculations, and target flow rates recommended by the grout manufacturer as a function of the mixer equipment and the expected range of ambient temperatures.

8. Grout mixing and pumping procedures.

9. Direction of grouting.

10. Sequence of use of the grout injection ports, vents and drains.

11. Procedures for handling blockages.


The Contractor shall not begin grouting operations until receiving the Engineer's approval of the grouting operation plan.

Post-tensioning grout shall be mixed in accordance with the pre-packaged grout manufacturer's recommendations using high-shear colloidal mixers. Mechanical paddle mixers will not be allowed. The grout produced for filling post-tensioning ducts shall be free of lumps and undispersed cement. All equipment used to mix each batch of post-tensioning grout shall be equipped with appropriate meters and measuring devices to positively measure all quantities of all materials used to produce the mixed grout. The field test for water-cementitious materials ratio shall be performed prior to beginning the grout injection process. Grouting shall not begin until the material properties of each batch of grout have been confirmed as acceptable.

The fourth paragraph is deleted.

The fifth paragraph is deleted.
The sixth paragraph is deleted

6-02.5 Payment
The bid item “Commercial Concrete” and the associated paragraph is supplemented with the following:

All costs in connection with furnishing and applying pigmented sealer to concrete surfaces as specified shall be included in the unit contract price per cubic yard for "Conc. Class ___". If the concrete is to be paid for other than by class of concrete then the costs shall be included in the applicable adjacent item of work.

DIVISION 7
DRAINAGE STRUCTURES, STORM SEwers,
SANITARY SEwers, WATER MAINS, AND CONDuits

SECTION 7-02, CULVERTS
December 1, 2008

7-02.2 Materials
The third paragraph is revised to read:

Thermoplastic culvert pipe includes solid wall PVC culvert pipe, profile wall PVC culvert pipe, and corrugated polyethylene culvert pipe. Solid wall PVC culvert pipe, profile wall PVC culvert pipe, and corrugated polyethylene culvert pipe are acceptable alternates for Schedule A or B culvert pipe.

In the chart for Culvert Pipe Schedules, for Schedule B, 15’ – 25’, the references in the column for Thermoplastic PE or PVC for “PVC” are revised to “PE or PVC”.

DIVISION 8
MISCELLANEOUS CONSTRUCTION

SECTION 8-01, EROSION CONTROL AND WATER POLLUTION CONTROL
April 6, 2009

8-01.3(1) General
The first sentence in the eighth paragraph is revised to read:

Erodible earth not being worked, whether at final grade or not, shall be covered within the following time period, using an approved soil covering practice:

The ninth paragraph is revised to read:
If the Engineer, under Section 1-08.6, orders the Work suspended, the Contractor shall
continue to control erosion, pollution, and runoff during the shutdown.

8-01.3(1)C Water Management
Item 2. “Process Water” is supplemented with the following new first paragraph:

High pH process water or wastewater (non-stormwater) that is generated on-site, including
water generated during concrete grinding, rubblizing, washout, and hydrodemolition
activities, shall not be discharged to waters of the state. Water may be infiltrated upon the
approval of the Engineer. Off-site disposal of concrete process water shall be in accordance
with Standard Specification 5-01.3(11).

8-01.3(2)D Mulching
The second paragraph is supplemented with the following:

Wood strand mulch shall be applied by hand or by straw blower.

8-01.3(2)E Tackling Agent and Soil Binders
The second sentence in the fourth paragraph is revised to read:

Pam may be reapplied on actively worked areas within a 48-hour period.

8-01.3(6)D Wattle Check Dam
The reference to Section 8-01.3(10) is revised to Section 9-14.5(5).

8-01.3(12) Compost Sock
The last paragraph is deleted.

8-01.3(13) Temporary Curb
The first paragraph is revised to read:

Temporary curbs may consist of asphalt, concrete, sand bags, compost socks, wattles, or
geotextile/plastic encased berms of sand or gravel, or as approved by the Engineer.

SECTION 8-11, GUARDRAIL
December 1, 2008

8-11.3(4) Removing Guardrail and Guardrail Anchor
The following is inserted after the third sentence in the first paragraph:

The embedded anchors attaching guardrail posts and guardrail terminal sections specified
for removal to existing concrete Structures shall be removed a minimum of one inch beneath
the existing concrete surface. The void left by removal of the embedded anchors shall be
coated with epoxy bonding agent and filled with grout. The epoxy bonding agent shall be
Type II conforming to Section 9-26.1 with the grade and class as recommended by the
epoxy bonding agent manufacturer and as approved by the Engineer. The grout shall consist
of cement and fine aggregate mixed in the proportions to match the color of the existing
congrete surface as near as practicable.

SECTION 8-15, RIPRAP
April 7, 2008

8-15.3(1) Excavation for Riprap
The second sentence of the first paragraph is revised to read:

Excavation below the level of the intersection of the slope to be protected and the adjacent
original ground or the channel floor or slope shall be classified, measured, and paid for as
channel excavation or ditch excavation in accordance with Section 2-03.

8-15.4 Measurement
The following new paragraph is inserted to follow the fifth paragraph.

Channel excavation will be measured by the cubic yard as specified in Section 2-03.

The sixth paragraph is revised to read:

Ditch excavation will be measured by the cubic yard as specified in Section 2-03.

The reference to Section 2-10 in the seventh paragraph is revised to Section 2-03.

8-15.5 Payment
The bid item “Filter Blanket” is supplemented with the following:

The unit price for “Filter Blanket” shall be full payment for all costs incurred to perform the
work in Section 8-15.3(7).

This section is supplemented with the following:

“Channel Excavation”, per cubic yard.
“Channel Excavation Incl. Haul”, per cubic yard.
Payment for “Channel Excavation”, “Channel Excavation Incl. Haul”, “Ditch Excavation”
and “Ditch Excavation Incl. Haul” is described in Section 2-03.5.

SECTION 8-21, PERMANENT SIGNING
December 1, 2008

8-21.3(4) Sign Removal
The following two new paragraphs are inserted after the first sentence in the first paragraph:
Sign Structures shall include sign bridges, cantilever sign Structures, bridge mounted sign brackets, and any other sign mounting structure shown in the Plans to be removed by the Contractor.

The embedded anchors attaching signs and sign Structures specified for removal to existing concrete Structures shall be removed a minimum of one inch beneath the existing concrete surface. The void left by removal of the embedded anchors shall be coated with epoxy bonding agent and filled with grout. The epoxy bonding agent shall be Type II conforming to Section 9-26.1 with the grade and class as recommended by the epoxy bonding agent manufacturer and as approved by the Engineer. The grout shall consist of cement and fine aggregate mixed in the proportions to match the color of the existing concrete surface as near as practicable.

8-21.3(9)F Bases
This section including title is revised to read:

8-21.3(9)F Foundations
The excavation and backfill shall be in conformance with the requirements of Section 2-09.3(1)E. Where obstructions prevent construction of planned foundations, the Contractor shall construct an effective foundation satisfactory to the Engineer.

The bottom of concrete foundations shall rest on firm ground. If the portion of the foundation beneath the existing ground line is formed or cased instead of being cast against the existing soil forming the sides of the excavation, then all gaps between the existing soil and the completed foundation shall be backfilled and compacted in accordance with Section 2-09.3(1)E.

Foundations shall be cast in one operation where practicable. The exposed portions shall be formed to present a neat appearance. Class 2 surface finish shall be applied to exposed surfaces of concrete in accordance with the requirements of Section 6-02.3(14)B.

Where soil conditions are poor, the Engineer may order the Contractor to extend the foundations shown in the Plans to provide additional depth. Such additional work will be paid for according to Section 1-04.4.

Forms shall be true to line and grade. Tops of foundations for roadside sign structures shall be finished to ground line, unless otherwise shown in the Plans or directed by the Engineer. Tops of foundations for sign bridges and cantilever sign structures shall be finished to the elevation shown in the Plans.

Both forms and ground which will be in contact with the concrete shall be thoroughly moistened before placing concrete; however, excess water in the foundation excavation will not be permitted. Forms shall not be removed until the concrete has set at least three days. All forms shall be removed, except when the Plans or Special Provisions specifically allow or require the forms or casing to remain.
Foundation concrete shall conform to the requirements for the specified class, be cast-in-place concrete and be constructed in accordance with Section 6-02.2 and 6-02.3.

Sign structures shall not be erected on concrete foundations until foundations have attained a compressive strength of 2,400 psi.

In addition to the basic requirements, sign bridges and cantilever sign structures shall be installed in accordance with the following:

1. Tops of foundations for sign bridges and cantilever sign structures shall be finished to the elevation shown in the Plans.

2. Steel reinforcing bars shall conform to Section 9-07.

3. Concrete shall be Class 4000, except as otherwise specified. Where water is present in the shaft excavations for Type 1 foundations for sign bridges and cantilever sign structures, the shaft concrete shall be Class 4000P placed in accordance with Section 6-02.3(6)B.

4. All bolts and anchor bolts shall be installed so that two class full threads extend beyond the top of the top heavy-hex nut. Anchor bolts shall be installed plumb, plus or minus 1 degree.

5. Plumbing of sign bridges and cantilever sign structures shall be accomplished by adjusting leveling nuts. Shims or other similar devices for plumbing or raking will not be permitted.

6. The top heavy-hex nuts of sign bridges and cantilever sign structures shall be tightened in accordance with Section 6-03.3(33), and by the Turn-Of-Nut Method to a minimum rotation of 1/4 turn and a maximum of 1/3 turn past snug tight. Permanent marks shall be set on the base plate and nuts to indicate nut rotation past snug tight.

In addition to the basic requirements, roadside sign structures shall be installed in accordance with the following:

1. Tops of foundations shall be finished to final ground line, unless otherwise shown in the Plans or staked by the Engineer.

2. Spiral reinforcing shall conform to AASHTO M32. All other steel reinforcement shall conform to the requirements of Section 9-07.

3. Concrete shall be Class 3000.
4. The assembly and installation of all Type TP – A or B bases for roadside sign structures shall be supervised at all times by either a manufacturer’s representative or an installer who has been trained and certified by the manufacturer of the system. If the supervision is provided by a trained installer, a copy of the installer certification shall be provided to the Engineer prior to installation.

5. For all Type – A or B bases the Contractor shall attach four female anchors to a flat rigid template following the manufacturer’s recommendations. The Contractor shall lower the anchor assembly into fresh concrete foundation and vibrate into position such that the tops of the anchor washers are flush with the finished top surface of the foundation. The Contractor shall support the template such that all anchors are level and in their proper position.

Slip base and hinge connection nuts of roadside sign structures shall be tightened using a torque wrench to the torque, and following the procedure, specified in the Standard Plans.

8-21.3(10) Vacant
This section is revised to read:

8-21.3(10) Sign Attachment
Sign panels consisting of sheet aluminum or fiberglass reinforced plastic shall be attached or mounted to sign posts or sign structures as shown in the Standard Plans.

Signs not conforming to the above, including all variable message sign (VMS) assemblies and other message board type assemblies, shall be attached or mounted to sign posts or sign structures by means of positive connections - defined as through-bolted connections. The use of clips or clamps to accomplish the attachment or mounting of such signs and assemblies is prohibited.

8-21.3(12) Steel Sign Posts
This section is revised to read:

For roadside sign structures on Type – A or B bases, the Contractor shall use the following procedures and manufacturer’s recommendations:

1. The couplings, special bolts, bracket bolts, and hinge connection nuts on all Type – A or B bases shall be tightened using the Turn-Of-Nut Tightening Method to a maximum rotation of 1/2 turn past snug tight.

2. The Contractor shall shim as necessary to plumb the steel sign posts.

For roadside sign structures on all Type PL and SB slip bases, the Contractor shall use the following procedures:

1. The Contractor shall assemble the steel sign post to stub post with bolts and flat washers as shown in the Standard Plans.
2. Each bolt be tightened using a torque wrench to the torque, and following the procedures specified in the Standard Plans.

SECTION 8-22, PAVEMENT MARKING
April 6, 2009

8-22.3(2) Preparation of Roadway Surfaces
This section is revised to read:

All surfaces shall be dry, free of any loose debris and within the proper temperature range prior to striping. When required by the pavement marking manufacturer's installation instructions, remove pavement markings from pavement surfaces that will adversely affect the bond of new pavement marking material to the roadway surface according to Section 8-22.3(6).

Remove all other contaminants from pavement surfaces that may adversely affect the installation of new pavement markings by sandblasting, shot-blasting, or sweeping. Air blast the pavement with a high-pressure system to remove extraneous or loose material. Apply materials to new HMA that is sufficiently cured according to the manufacturer's recommendations. Typically, Type D material applied to new HMA pavement requires a pavement cure period of 21 days. This cure period may be reduced if the manufacturer performs a successful bond test and approves the reduction of the pavement cure period.

For new Portland Cement Concrete surfaces remove curing compounds and laitance by an approved mechanical means. Air blast the pavement with a high-pressure system to remove extraneous or loose material. Apply materials to concrete that has reached a minimum compressive strength of 2,500 psi and that is sufficiently cured according to the manufacturer's recommendations. Typically, Type D material applied to Portland cement concrete pavement requires a pavement cure period of 28 days. This cure period may be reduced if the manufacturer performs a successful bond test and approves the reduction of the pavement cure period.

After the pavement surface is clean and dry, apply primer as recommended by the manufacturer to the area receiving the pavement markings. Apply the primer in a continuous, solid film according to the recommendations of the primer manufacturer and the pavement markings manufacturer.

8-22.3(3) Marking Application
The content of this section is deleted. This section is supplemented with the following new subsections:
8-22.3(3)A Marking Colors
Lane line and right edge line shall be white in color. Center line and left edge line shall be yellow in color. Transverse markings shall be white, except as otherwise noted in the Standard Plans.

8-22.3(3)B Line Patterns
Solid line - a continuous line without gaps.

Broken line - a line consisting of solid line segments separated by gaps.

Dotted line - a broken line with noticeably shorter line segments separated by noticeably shorter gaps.

8-22.3(3)C Line Surfaces
Flat Lines - Pavement marking lines with a flat surface.

Profiled Marking - A profiled pavement marking is a marking that consists of a base line thickness and a profiled thickness which is a portion of the pavement marking line that is applied at a greater thickness than the base line thickness. Profiles shall be applied using the extruded method in the same application as the base line. The profiles may be slightly rounded provided the minimum profile thickness is provided for the length of the profile. See the Standard Plans for the construction details.

Embossed Plastic Line - Embossed plastic lines consist of a flat line with transverse grooves. An embossed plastic line may also have profiles. See the Standard Plans for the construction details.

8-22.3(3)D Line Applications
Surface line - a line constructed by applying pavement marking material directly to the pavement surface or existing pavement marking.

Grooved line - A line constructed by grinding or saw cutting a groove into the pavement surface and spraying, extruding or gluing pavement marking material into the groove. Groove depth is measured vertically from the bottom of a 2-foot or longer straight edge placed on the roadway surface to the ground surface. The groove depth is dependent upon the material used, the pavement surface and location. See these Standard Specifications, the project Plans and Special Provisions.

8-22.3(3)E Installation
Apply pavement marking materials to clean dry pavement surfaces and according to the following:

1. Place material according to the manufacture's recommendations;
2. Place parallel double lines in one pass;
3. The top of pavement marking shall be smooth and uniform;
4. Line ends shall be square and clean;
5. Place pavement marking lines parallel and true to line; and,
6. Place markings in proper alignment with existing markings.

When applying paint, Type A or Type C material, ensure that both the pavement surface and the air temperature at the time of application are not less than 50°F and rising. When applying Type B or Type D material, ensure that both the pavement surface and the air temperature at the time of application are not less than 40°F and rising.

Ensure that the Type A thermoplastic material meets the manufacturers temperature specifications when it contacts the pavement surface.

Two applications of paint will be required to complete all paint markings. The second application of paint shall be squarely on top of the first pass. The time period between paint applications will vary depending on the type of pavement and paint (low VOC waterborne, high VOC solvent, or low VOC solvent) as follows:

<table>
<thead>
<tr>
<th>Pavement Type</th>
<th>Paint Type</th>
<th>Time Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bituminous Surface Treatment</td>
<td>Low VOC Waterborne</td>
<td>4-hours min., 48-hours max.</td>
</tr>
<tr>
<td>Hot Mix Asphalt Pavement</td>
<td>Low VOC Waterborne</td>
<td>4-hours min., 30-days max.</td>
</tr>
<tr>
<td>Cement Concrete Pavement</td>
<td>Low VOC Waterborne</td>
<td>4-hours min., 30-days max.</td>
</tr>
<tr>
<td>Bituminous Surface Treatment</td>
<td>High and Low VOC Solvent</td>
<td>40 min. min., 48 hrs. max.</td>
</tr>
<tr>
<td>Hot Mix Asphalt Pavement</td>
<td>High and Low VOC Solvent</td>
<td>40 min. min., 30-days max.</td>
</tr>
<tr>
<td>Cement Concrete Pavement</td>
<td>High and Low VOC Solvent</td>
<td>40 min. min., 30-days max.</td>
</tr>
</tbody>
</table>

Centerlines on 2-lane Highways with broken line patterns, paint or plastic, shall be applied in the increasing mile post direction so they are in cycle with existing broken line patterns at the beginning of the project. Broken line patterns applied to multi-lane or divided Roadways shall be applied in cycle in the direction of travel.

Where paint is applied on centerline on two-way roads with bituminous surface treatment or centerline rumble strips, the second paint application shall be applied in the opposite (decreasing mile post) direction as the first application (increasing mile post) direction. This will require minor broken line pattern corrections for curves on the second application.

8-22.3(3)F Application Thickness

Pavement markings shall be applied at the following base line thickness measured above the pavement surface or above the groove bottom for grooved markings in thousandths of an inch (mils):
<table>
<thead>
<tr>
<th>Marking Material Application</th>
<th>HMA</th>
<th>PCC</th>
<th>BST</th>
<th>Groove Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paint-first coat</td>
<td>spray</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Paint- second coat</td>
<td>spray</td>
<td>15</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>Type A - flat/transverse &amp; symbols</td>
<td>extruded</td>
<td>125</td>
<td>125</td>
<td>125</td>
</tr>
<tr>
<td>Type A - flat/long line &amp; symbols</td>
<td>spray</td>
<td>90</td>
<td>90</td>
<td>120</td>
</tr>
<tr>
<td>Type A - with profiles</td>
<td>extruded</td>
<td>90</td>
<td>90</td>
<td>120</td>
</tr>
<tr>
<td>Type A - embossed</td>
<td>extruded</td>
<td>160</td>
<td>160</td>
<td>160</td>
</tr>
<tr>
<td>Type A - embossed with profiles</td>
<td>extruded</td>
<td>160</td>
<td>160</td>
<td>160</td>
</tr>
<tr>
<td>Type A – grooved/flat/long line</td>
<td>extruded</td>
<td>230</td>
<td>230</td>
<td>230</td>
</tr>
<tr>
<td>Type B - flat/transverse &amp; symbols</td>
<td>heat fused</td>
<td>125</td>
<td>125</td>
<td>125</td>
</tr>
<tr>
<td>Type C-2 - flat/transverse &amp; symbols</td>
<td>adhesive</td>
<td>90</td>
<td>90</td>
<td>NA</td>
</tr>
<tr>
<td>Type C-1 &amp; 2 - flat/long line</td>
<td>adhesive</td>
<td>60</td>
<td>60</td>
<td>NA</td>
</tr>
<tr>
<td>Type C-1 - grooved/flat/long line</td>
<td>adhesive</td>
<td>60</td>
<td>60</td>
<td>NA</td>
</tr>
<tr>
<td>Type D - flat/transverse &amp; symbols</td>
<td>spray</td>
<td>120</td>
<td>120</td>
<td>120</td>
</tr>
<tr>
<td>Type D - flat/transverse &amp; symbols</td>
<td>extruded</td>
<td>120</td>
<td>120</td>
<td>120</td>
</tr>
<tr>
<td>Type D - flat/long line</td>
<td>spray</td>
<td>90</td>
<td>90</td>
<td>120</td>
</tr>
<tr>
<td>Type D - flat/long line</td>
<td>extruded</td>
<td>90</td>
<td>90</td>
<td>120</td>
</tr>
<tr>
<td>Type D - profiled/long line</td>
<td>extruded</td>
<td>90</td>
<td>90</td>
<td>120</td>
</tr>
<tr>
<td>Type D – grooved/flat/long line</td>
<td>extruded</td>
<td>230</td>
<td>230</td>
<td>230</td>
</tr>
</tbody>
</table>

Liquid pavement marking material yield per gallon depending on thickness shall not exceed the following:

<table>
<thead>
<tr>
<th>Mils thickness</th>
<th>Feet of 4&quot; line/gallon</th>
<th>Square feet/gallon</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>483</td>
<td>161</td>
</tr>
<tr>
<td>15</td>
<td>322</td>
<td>108</td>
</tr>
<tr>
<td>18</td>
<td>268</td>
<td>89</td>
</tr>
<tr>
<td>20</td>
<td>242</td>
<td>80</td>
</tr>
<tr>
<td>22</td>
<td>220</td>
<td>73</td>
</tr>
<tr>
<td>24</td>
<td>202</td>
<td>67</td>
</tr>
<tr>
<td>30</td>
<td>161</td>
<td>54</td>
</tr>
<tr>
<td>40</td>
<td>122</td>
<td>41</td>
</tr>
<tr>
<td>45</td>
<td>107</td>
<td>36</td>
</tr>
<tr>
<td>Thickness</td>
<td>Feet of 4&quot; line/50# bag</td>
<td>Square feet/50# bag</td>
</tr>
<tr>
<td>-----------</td>
<td>-------------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>60</td>
<td>81</td>
<td>27</td>
</tr>
<tr>
<td>90</td>
<td>54</td>
<td>18</td>
</tr>
<tr>
<td>90 with profiles</td>
<td>30</td>
<td>10</td>
</tr>
<tr>
<td>120</td>
<td>40</td>
<td>13</td>
</tr>
<tr>
<td>120 with profiles</td>
<td>26</td>
<td>9</td>
</tr>
<tr>
<td>230</td>
<td>21</td>
<td>7</td>
</tr>
</tbody>
</table>

Solid pavement marking material (Type A) yield per 50-pound bag shall not exceed the following:

<table>
<thead>
<tr>
<th>Mils thickness</th>
<th>Feet of 4&quot; line/50# bag</th>
<th>Square feet/50# bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 - flat</td>
<td>358</td>
<td>120</td>
</tr>
<tr>
<td>45 - flat</td>
<td>240</td>
<td>80</td>
</tr>
<tr>
<td>60 - flat</td>
<td>179</td>
<td>60</td>
</tr>
<tr>
<td>90 - flat</td>
<td>120</td>
<td>40</td>
</tr>
<tr>
<td>90 - flat with profiles</td>
<td>67</td>
<td>23</td>
</tr>
<tr>
<td>120 - flat</td>
<td>90</td>
<td>30</td>
</tr>
<tr>
<td>120 - flat with profiles</td>
<td>58</td>
<td>20</td>
</tr>
<tr>
<td>125 - embossed</td>
<td>86</td>
<td>29</td>
</tr>
<tr>
<td>125 - embossed with profiles</td>
<td>58</td>
<td>20</td>
</tr>
<tr>
<td>230- flat grooved</td>
<td>47</td>
<td>15</td>
</tr>
</tbody>
</table>

All grooved lines shall be applied into a groove cut or ground into the pavement. For Type A or Type D material the groove shall be cut or ground with equipment to produce a smooth square groove 4-inches wide. For Type C-1 material the groove shall be cut with equipment to produce a smooth bottom square groove with a width in accordance with the material manufacturer’s recommendation. After grinding, clean the groove by shot blasting or a method approved by Engineer. Immediately before placing the marking material clean the groove with high pressure air.

8-22.3(3)A Glass beads
This section is renumbered as follows:

8-22.3(3)G Glass Beads
The second sentence in the second paragraph is revised to read:
For plastic pavement markings, glass bead type and application rate shall be as recommended by the marking material manufacturer.

8-22.3(4) Tolerances for Lines
This section is revised to read:

Allowable tolerances for lines are as follows:

Length of Line – The longitudinal accumulative error within a 40-foot length of broken line shall not exceed plus or minus 1-inch. The broken line segment shall not be less than 10 feet.

Width of Line – The width of the line shall not be less than the specified line width or greater than the specified line width plus ¼-inch

Lane Width – the lane width, which is defined as the lateral width from the edge of pavement to the center of the lane line or between the centers of successive lane lines, shall not vary from the widths shown in the Contract by more than plus or minus 4-inches.

Thickness – a thickness tolerance not exceeding plus 10-percent will be allowed for thickness or yield in paint and plastic material application.

Parallel Lines – the gap tolerance between parallel lines is plus or minus ½-inch.

8-22.3(5) Plastic Installation Instructions
This section's title is revised to read:

8-22.3(5) Installation Instructions

The following new sentences are inserted to follow the first sentence:

The instructions shall include equipment requirements, approved work methods and procedures, material application temperature range, air and pavement surface temperature requirements, weather limitations, precautions, and all other requirements for successful application and material performance. Do not use materials with incomplete or missing instructions.

DIVISION 9
MATERIALS

SECTION 9-02, BITUMINOUS MATERIALS
April 6, 2009
9-02.1 Asphalt Material, General
This section is supplemented with the following:

The Asphalt Supplier of Performance Graded Asphalt Binder (PGAB) and Cationic Emulsified Asphalt shall have a Quality Control Plan (QCP) in accordance with WSDOT QC 2 “Standard Practice for Asphalt Suppliers That Certify Performance Graded and Emulsified Asphalts.” The Asphalt Supplier’s QCP shall be submitted and approved by the WSDOT State Materials Laboratory. Any change to the QCP will require a new QCP to be submitted. The Asphalt Supplier of PGAB and Cationic Emulsified Asphalt shall certify through the Bill of Lading that the PGAB or Cationic Emulsified Asphalt meets the Specification requirements of the Contract.

9-02.1(4)A Quality Control Plan
This section including title is revised to read:

9-02.1(4)A Vacant

SECTION 9-03, AGGREGATES
April 6, 2009

9-03.1(1) General Requirements
The reference to ASTM C-1260 in the third, fifth, and sixth paragraphs is deleted.

The following new paragraph is inserted after the sixth paragraph:

The use of fly ash that does not meet the requirements of Table 2 of AASHTO M295 may be approved for use for aggregates with expansions greater than or equal to 0.21 percent. The Contractor shall submit test results according to ASTM C 1567 through the Project Engineer to the State Materials Laboratory that demonstrate that the proposed fly ash when used with the proposed aggregates and portland cement will control the potential expansion to 0.20 percent or less before the fly ash and aggregate sources may be used in concrete. The Contracting Agency may test the proposed ASR mitigation measure to verify its effectiveness. In the event of a dispute, the Contracting Agency’s results will prevail.

9-03.8(7) HMA Tolerances and Adjustments
The third sentence in the second paragraph under (1.), (Beginning with: The tolerance limits on sieves...) is deleted.

9-03.17 Foundation Material Class A and Class B
This section is revised to read:

Foundation material Class A and Class B shall conform to the following gradations:

<p>| Percent Passing |  |</p>
<table>
<thead>
<tr>
<th>Sieve Size</th>
<th>Class A</th>
<th>Class B</th>
</tr>
</thead>
<tbody>
<tr>
<td>2½&quot; square</td>
<td>98-100</td>
<td>95-100</td>
</tr>
<tr>
<td>2&quot; square</td>
<td>92-100</td>
<td>75-100</td>
</tr>
<tr>
<td>1½&quot; square</td>
<td>72-87</td>
<td>30-60</td>
</tr>
<tr>
<td>¾&quot; square</td>
<td>27-47</td>
<td>0-5</td>
</tr>
<tr>
<td>½&quot; square</td>
<td>3-14</td>
<td>---</td>
</tr>
<tr>
<td>U.S. No. 4</td>
<td>0-5</td>
<td>---</td>
</tr>
</tbody>
</table>

All percentages are by mass.

SECTION 9-07, REINFORCING STEEL
April 6, 2009

9-07.3 Epoxy Coated Steel Reinforcing Bars
The reference to ASTM A 06 in number 1. of the first paragraph is revised to ASTM A 706.

9-07.10 Prestressing Reinforcement Strand
The first sentence in the fourth paragraph is revised to read:

For every 5 reels furnished, one sample, not less than 5½-feet long, shall be sent to the Engineer for testing.

9-07.11 Prestressing Reinforcement Bar
The fifth and sixth paragraphs are revised to read:

The Contractor shall supply a Manufacturer’s Certificate of Compliance in accordance with Section 1-06.3 for each bar. The Contractor shall supply a Manufacturer’s Certificate of Compliance in accordance with Section 1-06.3 for all nuts and couplers confirming compliance with the specified strength requirement.

For each heat of steel for high-strength steel bar, the Contractor shall submit two samples, each not less than 5½ -feet long, to the Engineer for testing.

SECTION 9-09, TIMBER AND LUMBER
January 7, 2008

9-09.1 General Requirements
This section is revised to read:

All timber and lumber shall be sized as indicated in the Plans.
All timber and lumber to be painted shall be surfaced on all sides. All timber and lumber to be painted shall be thoroughly air or kiln dried to an equilibrium moisture content and shall be stored in such a manner as to remain in a thoroughly dry condition until placed into the work.

9-09.2 Grade Requirements
This section is revised to read:

Timber and lumber shall conform to the grades and usage listed below.

Timber and lumber shall be marked with a certified lumber grade stamp provided by one of the following agencies:

- West Coast Lumber Inspection Bureau (WCLIB)
- Western Wood Products Association (WWPA)
- Pacific Lumber Inspection Bureau (PLIB)
- Any lumber grading bureau certified by the American Lumber Standards Committee

For structures, all material delivered to the project shall bear a grade stamp and have a grading certificate. The grade stamp and grading certificate will not constitute final acceptance of the material. The Engineer may reject any or all of the timber or lumber that does not comply with the specifications or has been damaged during shipping or upon delivery. The grading certificate shall be issued by either the grading bureau whose stamp is shown on the material, or by the lumber mill, which shall be under the supervision of one of the grading bureaus listed above. The certificate shall include the following:

- Name of the mill performing the grading
- The grading rules being used
- Name of the person doing the grading with current certification
- Signature of a responsible mill official
- Date the lumber was graded at the mill
- Grade, dimensions, and quantity of the timber or lumber

For Guardrail Posts and Blocks, Sign Posts, Mileposts, Sawed Fence Posts, and Mailbox Posts, the material delivered to the project shall either bear a grade stamp on each piece or have a grading certificate as defined above. The grade stamp or grading certificate shall not constitute final acceptance of the material. The Engineer may reject any or all of the timber or lumber that does not comply with the specifications or has been damaged during shipping or upon delivery.

9-09.2(1) Surfacing and Seasoning
This section including title is revised to read:

9-09.2(1) Structures
All timber and lumber for structures shall be Douglas Fir-Larch unless specified otherwise in the contract, and shall conform to the following:
Timber lagging for soldier pile walls shall be Douglas Fir-Larch, grade No. 2 or better or Hem-Fir No. 1.

When the material is delivered to the project, the Engineer will check the order for the appropriate grade stamp. The invoice and grading certificate accompanying the order must be accurate and complete with the information listed above. The grading certificate and grade markings shall not constitute final acceptance of the material. The Engineer may reject any or all of the timber or lumber that does not comply with the specifications or has been damaged during shipping or upon delivery.

9-09.2(2) Vacant
This section including title is revised to read:

9-09.2(2) Guardrail Posts and Blocks
Timber and lumber for guardrail posts and blocks (classified as Posts and Timbers) shall conform to the species and grades listed below.

<table>
<thead>
<tr>
<th>Douglas Fir</th>
<th>No. 1 and better, grade (Section 131-b WCLIB) or (Section 80.11 WWPA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hem Fir</td>
<td>Select Structural, grade (Section 131-a WCLIB) or (Section 80.10 WWPA)</td>
</tr>
<tr>
<td>Southern Yellow Pine</td>
<td>No. 1 and better, grade (Southern Pine Inspection Bureau)</td>
</tr>
</tbody>
</table>

When the material is delivered to the project, the Engineer will check the order for the appropriate grade stamp. The grade markings shall not constitute final acceptance of the material. The Engineer may reject any or all of the timber or lumber that does not comply with the specifications or has been damaged during shipping or upon delivery.

9-09.2(3) Inspection
This section including title is revised to read:
9-09.2(3) Sign Posts, Mileposts, Sawed Fence Posts, and Mailbox Posts
The allowable species of timber and lumber for signposts, and mileposts shall be Douglas Fir-Larch or Hem Fir. Timber and lumber for sawed fence posts and mailbox posts shall be Western Red Cedar, Douglas Fir-Larch, or Hem Fir.

Sign posts, mileposts, sawed fence posts, and mailbox posts shall conform to the grades shown below.

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Grade Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>4” × 4”</td>
<td>Construction grade (Light Framing, Section 122-b WCLIB) or (Section 40.11 WWPA)</td>
</tr>
<tr>
<td>4” × 6”</td>
<td>No. 1 and better, grade (Structural Joists and Planks, Section 123-b WCLIB) or (Section 62.11 WWPA)</td>
</tr>
<tr>
<td>6” × 6”, 6” × 8”, 8” × 10”</td>
<td>No. 1 and better, grade (Posts and Timbers, Section 131-b WCLIB) or (Section 80.11 WWPA)</td>
</tr>
<tr>
<td>6” × 10”, 6” × 12”</td>
<td>No. 1 and better, grade (Beams and Stringers, Section 130-b WCLIB) or (Section 70.11 WWPA)</td>
</tr>
</tbody>
</table>

SECTION 9-14, EROSION CONTROL AND ROADSIDE PLANTING
April 6, 2009

9-14.4(4) Vacant
This section including title is revised to read:

9-14.4(4) Wood Strand Mulch
Wood strand mulch shall be a blend of loose, long, thin wood pieces derived from native conifer or deciduous trees with high length-to-width ratio. A minimum of 95% of the wood strand shall have lengths between 2 and 10-inches, with a width and thickness between 1/16 and 3/8-inches.

The mulch shall not contain resin, tannin, or other compounds in quantities that would be detrimental to plant life. Sawdust or wood shavings shall not be used as mulch.

9-14.4(8) Compost
This section is revised to read:

Compost products shall be the result of the biological degradation and transformation of plant-derived materials under controlled conditions designed to promote aerobic decomposition. Compost shall be stable with regard to oxygen consumption and carbon dioxide generation. Compost shall be mature with regard to its suitability for serving as a soil amendment or an erosion control BMP as defined below. The compost shall have a moisture content that has no visible free water or dust produced when handling the material.
Compost production and quality shall comply with Chapter 173-350 WAC.

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:

<table>
<thead>
<tr>
<th>Percent passing 2”</th>
<th>Min.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Percent passing 1”</td>
<td>95%</td>
<td>100%</td>
</tr>
<tr>
<td>Percent passing 5/8”</td>
<td>90%</td>
<td>100%</td>
</tr>
<tr>
<td>Percent passing 1/4”</td>
<td>75%</td>
<td>100%</td>
</tr>
</tbody>
</table>

Maximum particle length of 6 inches

Coarse Compost shall meet the following:

<table>
<thead>
<tr>
<th>Percent passing 3”</th>
<th>Min.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Percent passing 1”</td>
<td>90%</td>
<td>100%</td>
</tr>
<tr>
<td>Percent passing 1/4”</td>
<td>70%</td>
<td>100%</td>
</tr>
<tr>
<td>Percent passing 1/4”</td>
<td>40%</td>
<td>60%</td>
</tr>
</tbody>
</table>

Maximum particle length of 6 inches

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 1.0 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% 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 must originate a minimum of 65 percent by volume from recycled plant waste as defined in WAC 173-350 as “Type 1 Feedstocks.” A maximum of 35 percent by volume of “Type 2 Feedstocks,” source-separated food waste, and/or biosolids may be substituted for recycled plant waste. The manufacturer 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. Coarse Compost shall score a 5 or above on the Solvita® Compost Maturity Test.

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

9-14.4(8)A Compost Approval
The Contractor shall either select a compost manufacturer from the Qualified Products List, or submit the following information to the Engineer for approval:

1. A Request for Approval of Material Source.

2. A copy of the Solid Waste Handling Permit issued to the manufacturer by the Jurisdictional Health Department as per WAC 173-350 (Minimum Functional Standards for Solid Waste Handling).

3. The manufacturer shall verify in writing, and provide lab analyses that the material complies with the processes, testing, and standards specified in WAC 173-350 and these specifications. An independent Seal of Testing Assurance (STA) Program certified laboratory shall perform the analysis.

4. A copy of the manufacturer’s Seal of Testing Assurance STA certification as issued by the U.S. Composting Council.

9-14.4(8)B Compost Acceptance
Seven days prior to initial application of any compost the Contractor shall submit a compost sample, a STA test report dated within 90 calendar days, and the list of feedstocks by volume for each compost type to the Engineer for review.

The Contractor shall use only compost that has been tested within 90 calendar days of application and meets the requirements in section 9-14.4(8). Compost not conforming to the above requirements or taken from a source other than those tested and accepted shall be immediately removed from the project and replaced at no cost to the Contracting Agency.

9-14.5(1) Polyacrylamide (PAM)
The second sentence is revised to read:

PAM shall be anionic and shall be linear, and not cross-linked.
9-14.5(3) Clear Plastic Covering
This section is revised to read:

Clear plastic covering shall conform to the requirements of ASTM D 4397, for polyethylene sheeting having a minimum thickness of 6 mils.

9-14.5(7) Coir Log
The reference to Standard Plans in the second sentence of the first paragraph is revised to read Plans.

SECTION 9-16, FENCE AND GUARDRAIL

December 1, 2008

9-16.1(1)A Post Material for Chain Link Fence
The first paragraph is supplemented with the following:

- **Round Post Material**
  Round post material shall be Grade 1 or 2.

- **Roll Form Material**
  Roll-formed post material shall be Grade 1.
  Roll-formed end, corner, and pull posts shall have integral fastening loops to connect to the fabric for the full length of each post. Top rails and brace rails shall be open rectangular sections with internal flanges as shown in ASTM F1043.

The **Round Post Material** and **Roll Form Material** information following the third paragraph is deleted.

9-16.1(1)B Chain Link Fence Fabric
The first paragraph is revised to read:

Chain link fabric shall consist of 11 gage wire for chain link fence Types 3, 4, and 6, and 9 gage wire for chain link fence Type 1. The fabric shall be zinc-coated steel wire conforming to AASHTO M 181, Class C. Zinc 5-percent Aluminum-Mischmetal alloy meeting the requirements of ASTM B 750 may be substituted for zinc coating (hot-dipped) at the application rate specified by ASSHTO M 181 for hot-dip zinc coating. Coating for chain link fence fabric shall meet the requirements of ASTM A 817 with minimum weight of coating of uncoated wire surface 1.0 oz/sq ft (305 g/m2).

9-16.1(1)C Tension Wire
This section including title is revised to read:
9-16.1(1)C Tension Wire and Tension Cable
Tension wire shall meet the requirements of AASHTO M 181. Tension wire galvanizing shall be Class 1.

Tension cable shall meet the requirements of Section 9-16.6(5).

9-16.1(1)D Fittings and Hardware
This section is supplemented with the following:

Fabric bands and stretcher bars shall meet the requirements of Section 9-16.6(9).

Thimbles, wire rope clips, anchor shackles, and seizing shall meet the requirements of Section 9-16.6(6).

9-16.1(1)E Chain Link Gates
The first sentence in the first paragraph is revised to read:

Gate frames shall be constructed of not less that 1 1/2-inch (I.D.) galvanized pipe conforming to AASHTO M 181 Type I, Grade 1 or 2 as specified in Section 9-16.1(1)A.

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

All welds shall be ground smooth and painted with an A-9-73 galvanizing repair paint or A-11-99 primer meeting the requirements of Section 9-08.2.

9-16.2(1)A Steel Post Material
The paragraph under Angle Post Material is revised to read:

All angle post material shall be galvanized in accordance with the requirements of AASHTO M 111 except the anchor plate on fence post material shall be grade 55. Angle post used for end, corner, gate and pull post and brace shall have a minimum weight of 3.1 lb/ft.

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

Posts shall not be less than 7-feet in length.

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

The anchor plate shall be securely attached and have a surface area of 20 ±2 in², and a minimum weight of 0.67 pounds.

9-16.3(2) Posts and Blocks
The first sentence in the second paragraph is revised to read:

Timber posts and blocks shall conform to the grade specified in Section 9-09.2(2).
9-16.3(3) Galvanizing
The first sentence in the first paragraph is revised to read:

W-beam or thrie beam rail elements and terminal sections shall be galvanized in accordance with AASHTO M-180, Class A, Type 2, except that the rail shall be galvanized after fabrication, with fabrication to include forming, cutting, shearing, punching, drilling, bending, welding, and riveting.

9-16.3(4) Hardware
This section is revised to read:

Unfinished Bolts (ordinary machine bolts), nuts, and washers for High Unfinished Bolts, shall conform to 9-06.5(1). High Strength bolts, nuts, and washers for High Strength Bolts shall conform to 9-06.5(3).

Unfinished bolts will be accepted by field verification and documentation that bolt heads are stamped 307A. The Contractor shall submit a manufacturer’s certificate of compliance per 1-06.3 for high strength bolts, nuts, and washers prior to installing any of the hardware.

9-16.3(5) Anchors
The reference to “hot dip galvanized” in the tenth paragraph is revised to “galvanized”.

9-16.4(2) Wire Mesh
The reference to “hot dip galvanized” in the second sentence in the third paragraph is revised to “galvanized”.

9-16.6(2) Glare Screen Fabric
The reference to “A 491” in the second sentence in the first paragraph is revised to “ASTM A 491”.

9-16.6(3) Posts
The first paragraph is revised to read:

Line posts for Type 1 glare screen shall be 1 1/2-inches by 1 7/8-inches galvanized steel H column with a minimum weight of 2.8 pounds per linear foot. Line posts for Type 2 glare screen shall be 1 5/8-inches by 2 1/4-inches galvanized steel H column with a minimum weight of 4.0 pounds per linear foot, or 2-inch inside diameter galvanized steel pipe with a nominal weight of 3.65 pounds per linear foot provided only one type shall be used on any one project.

The first paragraph is supplemented with the following:

End, corner, brace, and pull posts for Type 1 Design A shall be 1 1/2-inches by 1 7/8-inches steel H column with a minimum weight of 2.8 pounds per linear foot.

The first sentence in the second paragraph is revised to read:
End, corner, brace, and pull posts for Type 1 Design B and Type 2 shall be 2-inch inside diameter galvanized steel pipe with nominal weight of 3.65 pounds per linear foot.

The reference to “hot dip galvanized” in the third sentence in the second paragraph is revised to “galvanized”.

The first two sentences in the fifth paragraph are revised to read:

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.

9-16.6(5) Cable
The reference to “hot dip galvanized” is revised to “galvanized”.

9-16.6(6) Cable and Tension Wire Attachments
The reference to “hot dip galvanized” in the first sentence in the first paragraph is revised to “galvanized”.

The third sentence in the first paragraph is deleted.

9-16.6(9) Fabric Bands and Stretcher Bars
The reference to “hot dip galvanized” is revised to “galvanized”.

9-16.6(10) Tie Wire
This section including title is revised to read:

9-16.6(10) Tie Wire and Hog Rings
Tie wire shall be 9 gage aluminum wire complying with the ASTM B 211 for alloy 1100 H14 or 9 gage galvanized wire meeting the requirements of AASHTO M 279. Galvanizing shall be Class 1.

Hog rings shall be 12 gage galvanized steel wire.

9-16.8(1) Rail and Hardware
The word “Composition” following the first paragraph is deleted.

SECTION 9-23, CONCRETE CURING MATERIALS AND ADMIXTURES
April 6, 2009

9-23.6 Admixture for Concrete
This section including title is revised to read:
9-23.6 Chemical Admixtures for Concrete

Acceptance of chemical admixtures will be based on Manufacturer’s Certificate of Compliance. If required by the Engineer, admixtures shall be sampled and tested before they are used. A one-pint (500 milliliter) sample of the admixture shall be submitted to the WSDOT Headquarters Materials Laboratory for testing 10 days prior to use. Chemical Admixtures shall contain less than one percent chloride ion (Cl-) by weight of admixture.

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

9-23.6(1) Air Entraining Admixtures
Air Entraining Admixtures shall meet the requirements of AASHTO M 154 or ASTM C 260.

9-23.6(2) Type A Water-Reducing Admixtures
Type A Water-Reducing admixtures shall conform to the requirements of AASHTO M 194 Type A or ASTM C 494 Type A.

9-23.6(3) Type B Retarding Admixtures
Type B Retarding admixtures shall conform to the requirements of AASHTO M 194 Type B or ASTM C 494 Type B.

9-23.6(4) Type C Accelerating Admixtures
Type C Accelerating admixtures shall conform to the requirements of AASHTO M 194 Type C or ASTM C 494 Type C and only non-chloride accelerating admixtures shall be used.

9-23.6(5) Type D Water-Reducing and Retarding Admixtures
Type D Water-Reducing and Retarding admixtures shall conform to the requirements of AASHTO M 194 Type D or ASTM C 494 Type D.

9-23.6(6) Type E Water-Reducing and Accelerating Admixtures
Type E Water-Reducing and Accelerating admixtures shall conform to the requirements of AASHTO M 194 Type E or ASTM C 494 Type E and only non-chloride accelerating admixtures shall be used.

9-23.6(7) Type F Water-Reducing, High Range Admixtures
Type F Water-Reducing, High Range admixtures shall conform to the requirements of AASHTO M 194 Type F or ASTM C 494 Type F.

9-23.6(8) Type G Water-Reducing, High Range and Retarding Admixtures
Type G Water-Reducing, High Range and Retarding admixtures shall conform to the requirements of AASHTO M 194 Type G or ASTM C 494 Type G.

9-23.6(9) Type S Specific Performance Admixtures
Type S Specific Performance Admixtures shall conform to the requirements of ASTM C 494 Type S. When a Type S admixture is used a report on the performance characteristics of the Type S admixture shall be submitted along with the WSDOT concrete mix design (WSDOT
Form 350-040). The report shall describe the performance characteristics and provide data substantiating the specific characteristics of the Type S admixture in accordance with ASTM C 494.

9-23.7 Air Entraining and Chemical Admixtures for Precast Prestressed Concrete
This section including title is revised to read:

9-23.7 Vacant

9-23.9 Fly Ash
This section is supplemented with the following:

Fly ash that exceeds the available alkalies limits set in AASHTO M 295 Table 2 may be used if they meet the tests requirements of Section 9-03.1(1). The optional chemical limits in AASHTO M 295 Table 2 do not apply to fly ash used in Controlled Density Fill.

SECTION 9-28, SIGNING MATERIALS AND FABRICATION
April 6, 2009

9-28.8 Sheet Aluminum Signs
The second paragraph (excluding chart) is revised to read:

After the sheeting has been fabricated, the surface of each panel shall be protected from corrosion. The corrosion protection shall meet the requirements of ASTM B-449 class II Specification for Chromates on Aluminum. Aluminum signs over 12-feet wide by 5-feet high shall be comprised of vertical panels in increments of 2, 3, or 4-feet wide. No more than one 2-foot and/or 3-foot panel may be used per sign. The Contractor shall use the widest panels possible. All parts necessary for assembly shall be constructed of aluminum, galvanized, or stainless steel in accordance with the plans. Sheet thickness shall be as follows:

9-28.9(1) Mechanical Properties
The chart in this section is revised to read:

<table>
<thead>
<tr>
<th>Mechanical Property</th>
<th>Ave. Min. Requirement</th>
<th>ASTM Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile Strength</td>
<td>10.0 psi x 10^6</td>
<td>D638</td>
</tr>
<tr>
<td>Tensile Modulus</td>
<td>1.2 psi x 10^8</td>
<td>D638</td>
</tr>
<tr>
<td>Flexural Strength</td>
<td>20.0 psi x 10^3</td>
<td>D790</td>
</tr>
<tr>
<td>Flexural Modulus</td>
<td>1.2 psi x 10^6</td>
<td>D790</td>
</tr>
<tr>
<td>Compression Strength</td>
<td>32.0 psi x 10^3</td>
<td>D695</td>
</tr>
<tr>
<td>Compression Modulus</td>
<td>1.4 psi x 10^6</td>
<td>D695</td>
</tr>
<tr>
<td>Punch Shear</td>
<td>12.0 psi x 10^3</td>
<td>D732</td>
</tr>
</tbody>
</table>

9-28.14(2) Steel Structures and Posts
The first sentence in the fifth paragraph is supplemented with the following:
Steel used for slip bases (SB-1, SB-2, SB-3) and heavy duty anchors shall have a controlled
silicon maximum of 0.40-percent.

SECTION 9-35, TEMPORARY TRAFFIC CONTROL MATERIALS
December 1, 2008

9-35.2 Construction Signs
The fourth paragraph is revised to read:

The use of plywood, fiberglass reinforced plastic, fabric rollup signs, and any other
previously approved sign materials except aluminum or aluminum composite is prohibited.

9-35.14 Portable Temporary Traffic Control Signal
The third sentence in the eighth paragraph is revised to read:

A highly retroreflective yellow strip, 3-in wide, shall be placed around the perimeter of the
face of all vehicle signal backplates to project a rectangular image at night towards
oncoming traffic.
Special Provisions
SPECIAL PROVISIONS

C 2892 – NILE ROAD IMPROVEMENT PROJECT
(End of BST to Beginning of BST)

YAKIMA COUNTY, WASHINGTON

SPECIAL PROVISIONS

The following Special Provisions are made a part of this contract and supersede any conflicting provisions of the 2008 Standard Specifications for Road, Bridge and Municipal Construction, and the foregoing Amendments to the Standard Specifications.

Several types of Special Provisions are included in this contract; General, Region, Bridges and Structures, and Project Specific. Special Provisions types are differentiated as follows:

(date) General Special Provision
(******) Notes a revision to a General Special Provision
and also notes a Project Specific Special
Provision.
(Rregions' date) Region Special Provision
(BSP date) Bridges and Structures Special Provision

General Special Provisions are similar to Standard Specifications in that they typically apply to many projects, usually in more than one Region. Usually, the only difference from one project to another is the inclusion of variable project data, inserted as a “fill-in”.

Region Special Provisions are commonly applicable within the designated Region. Region designations are as follows:

Regions¹
ER Eastern Region
NCR North Central Region
NWR Northwest Region
OR Olympic Region
SCR South Central Region
SWR Southwest Region

WSF Washington State Ferries Division

Bridges and Structures Special Provisions are similar to Standard Specifications in that they typically apply to many projects, usually in more than one Region. Usually, the only difference from one project to another is the inclusion of variable project data, inserted as a “fill-in”.

¹Designations
Project Specific Special Provisions normally appear only in the contract for which they were developed.

DIVISION 1
GENERAL REQUIREMENTS

DESCRIPTION OF WORK

(March 13, 1995)
The work to be performed under this Contract consists of the realignment and reconstruction of approximately 2.5 miles of Nile Road from the end of the BST pavement to the beginning of the BST pavement. These improvements consist of grading, drainage, placing and compacting base course and top course, placing bituminous surface treatment and other work, in accordance with the attached Plans, these Special Provisions and the 2008 Standard Specifications and Amendments thereto.

The portion of Nile to be improved is located in Section 3, Township 15 North, Range 15 East, Willamette Meridian and Sections 28, 33, and 34, Township 16 North, Range 15 East, Willamette Meridian

The quantities of work indicated in the proposal are to be considered as estimates and are for comparative bidding purposes only. All payments shall be made on the basis of actual field measurement of Contract work completed.

FUNDS

(******)
Yakima County Road Funds and Federal Highway Administration funds are involved in the construction of these improvements.

SECTION 1-01 DEFINITIONS AND TERMS

1-01.3 Definitions
(September 12, 2008 APWA GSP)

This Section is supplemented with the following:

All references in the Standard Specifications 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”.
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 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 proposal, from which the Contracting Agency may make a choice between different methods or material of construction for performing the same work.

**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.

**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, and only minor incidental work, replacement of temporary substitute facilities, 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.

**Notice of Award**
The written notice from the Contracting Agency to the successful bidder signifying the
Contracting Agency’s acceptance of the bid.

**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

**SECTION 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
(March 25, 2009 APWA GSP)

Bidders must meet the minimum qualifications of RCW 39.04.350(1), as amended:

"Before award of a public works contract, a bidder must meet the following responsibility
criteria to be considered a responsible bidder and qualified to be awarded a public works
project. The bidder must:

(a) At the time of bid submittal, have a certificate of registration in compliance with
chapter 18.27 RCW;

(b) Have a current state unified business identifier number;

(c) If applicable, have industrial insurance coverage for the bidder's employees
working in Washington as required in Title 51 RCW; an employment security
department number as required in Title 50 RCW; and a state excise tax
registration number as required in Title 82 RCW; and

(d) Not be disqualified from bidding on any public works contract under RCW
39.06.010 or 39.12.065(3)."
1-02.2 Plans and Specifications

(October 1, 2005 APWA GSP)

Delete this section and replace it with the following:

Information as to where Bid Documents can be obtained or reviewed will 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;) and Contract Provisions</td>
<td>10</td>
<td>Furnished automatically upon award.</td>
</tr>
<tr>
<td>Large plans (22&quot; x 34&quot;) and Contract Provisions</td>
<td>0</td>
<td>Furnished only upon request.</td>
</tr>
</tbody>
</table>

Additional plans and Contract Provisions may be purchased by the Contractor by payment of the cost stated in the Call for Bids.

(March 13, 1995)

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

Section 1-02.4, is supplemented with the following:

The soils information used for study and design of this project is available for review by the bidder at the following address:

Office of the County Engineer
128th North 2nd Street, Floor Floor
Yakima, WA 98902

1-02.5 Proposal Forms

(October 1, 2005 APWA GSP)

Delete this section and replace it with the following:

At the request of a bidder, the Contracting Agency will provide a proposal form for any project on which the bidder is eligible to bid.

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 forms unless otherwise specified.

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

1-02.6 Preparation of Proposal
(October 10, 2008 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.

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
(October 1, 2005 APWA GSP)

Revise the first paragraph to read:

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

1-02.12 Public Opening of Proposal

Section 1-02.12 is supplemented with the following:

*****

Date of Opening Bids
Sealed bids are to be received at the following location prior to the time specified:

Yakima County Road Engineer's Office, Fourth Floor Yakima County Courthouse, 128 North 2nd Street, Yakima, Washington 98901, until 10:00 A.M. of the bid opening date.

The bid opening date for this project is May 20, 2009. Bids received will be publicly opened and read after 2:00 P.M. on this date.

1-02.13 Irregular Proposals
(March 25, 2009 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, Minority or Women's Business Enterprise Certification, if applicable, as required in Section 1-02.6;

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

j. 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.

SECTION 1-03 AWARD AND EXECUTION OF CONTRACT

1-03.1 Consideration of Bids
(January 23, 2006 APWA GSP)

Revise the first paragraph to read:

After opening and reading proposals, the Contracting Agency will check them for correctness of extensions of the prices per unit and the total price. If a discrepancy exists between the price per unit and the extended amount of any bid item, the price per unit will control. If a minimum bid amount has been established for any item and the bidder’s unit or lump sum price is less than the minimum specified amount, the Contracting Agency will unilaterally revise the unit or lump sum price, to the minimum specified amount and recalculate the extension. The total of extensions, corrected where necessary, including sales taxes where applicable and such additives and/or alternates as selected by the Contracting Agency, will be used by the Contracting Agency for award purposes and to fix the Awarded Contract Price amount and the amount of the contract bond.

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 1-04 SCOPE OF THE WORK

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

(October 1, 2005 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, including APWA General Special Provisions, if they are included,
4. Contract Plans,
5. Amendments to the Standard Specifications,
6. WSDOT/APWA Standard Specifications for Road, Bridge and Municipal Construction,
7. Contracting Agency’s Standard Plans (if any), and
8. WSDOT/APWA Standard Plans for Road, Bridge, and Municipal Construction.

SECTION 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
remedying 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)

Revised 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.

1-05.14 Cooperation With other Contractors
(March 13, 1995)

Section 1-05.14 is supplemented with the following:

Other Contracts Or Other Work
It is anticipated that the following work adjacent to or within the limits of this project will be
performed by others during the course of this project and will require coordination of the
work:

1. Utility Work.

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.

SECTION 1-06 CONTROL OF MATERIAL

1-06 Buy America
Section 1-06 is supplemented with the following:

(August 6, 2007)
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.

The Contractor may utilize minor amounts of foreign steel and iron 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.

1-06.2(2) Statistical Evaluation of Materials for Acceptance

(******)

Section 1-06.2(2) of the Standard Specifications is deleted.

SECTION 1-07 LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC
1-07.2 State Sales Tax

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

1-07.2 State Sales Tax
(October 1, 2005 APWA GSP)

1-07.2(1) General

The Washington State Department of Revenue has issued special rules on the State sales tax. Sections 1-07.2(1) through 1-07.2(4) 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(3) describes this exception.

The Contracting Agency will pay the retained percentage 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 60.28.050). 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(2) 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(3) 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(4) 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).

1-07.6 Permits and Licenses
(August 1, 2005)
State Departments of Fish And Wildlife
Section 1-07.5(2) is supplemented with the following:

The Contracting Agency has obtained a Hydraulic Project Approval (HPA) for this
project. All contacts with the Department of Fish And Wildlife concerning this
approval shall be through the Engineer. The provisions of the approval are as follows:

A copy of the HPA is included in the Contract documents.

This Hydraulic Project Approval pertains to contract work within the project limits as
described in the original contract. This Hydraulic Project Approval is not a permit for
work in material sources, staging areas, or disposal sites not provided in the contract.

When work described in the contract is to be performed below the ordinary high water
line within areas designated as sensitive or to be protected, that work shall be
performed between the dates of August 1, 2009 and September 15, 2009 (per
requirements of the Corp of Engineers Permit).

(March 13, 1995)
Corps Of Engineers Permits For Construction
The Contracting Agency has obtained a Corps of Engineers permit for this project (Permit
Number 200600802). All contacts with the Corps of Engineers concerning this permit shall
be through the Engineer. A copy of the permit is available at the Engineer’s Office. The Contractor shall, at no expense to the Contracting Agency, comply with all requirements of the Corps of Engineers in the construction of this project and shall secure additional permits as are necessary.

1-07.7 Load Limits
(March 13, 1995)

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(1) General
(February 20, 2007)
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. WA070001.

(April 2, 2007)
Application of Wage Rates For The Occupation Of Landscape Construction
State prevailing wage rates for public works contracts are included in this contract and show a separate listing for the occupation:

Landscape Construction, which includes several different occupation descriptions such as: Irrigation and Landscape Plumbers, Irrigation and Landscape Power Equipment Operators, and Landscaping or Planting Laborers.

In addition, federal wage rates that are included in this contract may also include occupation descriptions in Federal Occupational groups for work also specifically identified with landscaping such as:

Laborers with the occupation description, Landscaping or Planting, or

Power Equipment Operators with the occupation description, Mulch Seeding Operator.

If Federal wage rates include one or more rates specified as applicable to landscaping work, then Federal wage rates for all occupation descriptions, specific or general, must be considered and compared with corresponding State wage rates. The higher wage rate, either State or Federal, becomes the minimum wage rate for the work performed in that occupation.

Contractors are responsible for determining the appropriate crafts necessary to perform the contract work. If a classification considered necessary for performance of the work is missing from the Federal Wage Determination applicable to the contract, the
Contractor shall initiate a request for approval of a proposed wage and benefit rate. The Contractor shall prepare and submit Standard Form 1444, Request for Authorization of Additional Classification and Wage Rate available at http://www.wdol.gov/docs/sf1444.pdf, and submit the completed form to the Project Engineer’s office. The presence of a classification wage on the Washington State Prevailing Wage Rates For Public Works Contracts does not exempt the use of form 1444 for the purpose of determining a federal classification wage rate.

1-07.11 Requirements For Nondiscrimination

(March 6, 2000)
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>
</tr>
<tr>
<td>Minorities - by Standard Metropolitan Statistical Area (SMSA)</td>
<td></td>
</tr>
</tbody>
</table>

Yakima, WA:

<table>
<thead>
<tr>
<th>SMSA Counties:</th>
<th>Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yakima, WA</td>
<td>9.7</td>
</tr>
<tr>
<td>WA Yakima</td>
<td></td>
</tr>
</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 Engineer 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.

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

(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
deleagtes 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.
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).

1-07.12 Federal Agency Inspection

(March 13, 1995)

Federal Agency Inspection

Section 1-07.12 is supplemented with the following:

Required Federal Aid Provisions
The Required Contract Provisions Federal Aid Construction Contracts (FHWA 1273) and
the amendments thereto 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, as amended, are less restrictive than Washington State Law, then the
Washington State Law shall prevail.
The provisions of FHWA 1273, as amended, included in this contract require that the Contractor insert the FHWA 1273 and amendments thereto in each subcontract, together with the wage rates which are part of the FHWA 1273, as amended. Also, a clause shall be included in each subcontract requiring the subcontractors to insert the FHWA 1273 and amendments 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 amendments thereto, the applicable wage rates, and this Special Provision.

1-07.13 Contractor's Responsibility For Work

1-07.13(4) Repair of Damage
(August 6, 2001)

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:

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

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:

Most of the utility relocation has been completed, however minor relocations may be necessary due to conflicts during construction.

The following addresses and telephone numbers of utility companies or their Contractors that will be adjusting, relocating, replacing or constructing utilities within the project limits are supplied for the Contractor's use:

Call Before You Dig One Call Center 1-800-424-5555
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
(May 10, 2006 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 polices 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. All insurance policies and Certificates of Insurance shall include a requirement providing for a minimum of 30 days prior written notice to the Contracting Agency of any cancellation in any insurance policy.

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):

- Yakima County 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 coverage’s listed in 1-07.18(5A) and 1-07.18(5B). 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

(April 2, 2007)
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>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
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.
SECTION 1-08 PROSECUTION AND PROGRESS

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
(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) 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), and
2. Contractor and Subcontractor or Lower Tier Subcontractor Certification for Federal-aid Projects (Form 420-004).

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.

1-08.4 Notice to Proceed and Prosecution of the Work
(October 1, 2005 APWA GSP)

Revise this section to read:

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.

1-08.5 Time For Completion
(March 13, 1995)

Section 1-08.5 is supplemented with the following:

The project shall be physically completed in 70 Working days.

The area to be surfaced with BST shall be completed by August 28, 2009.

(October 1, 2005 APWA GSP)

Revise the fourth and fifth paragraphs to read:

Contract time shall begin on the first working day following the Notice to Proceed Date. The contract provisions may specify another starting date for contract time, in which case, time will begin on the starting date specified.

Each working day shall be charged to the contract as it occurs, beginning on the day after the Notice to Proceed Date, unless otherwise provided in the Contract Provisions, 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 seventh paragraph to read:

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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
c. Annual Report of Amounts Paid as MBE/WBE Participants or Quarterly
   Report of Amounts Credited as DBE Participation, as required by the
d. FHWA 47 (Federal-aid Projects)
e. Final Contract Voucher Certification
f. Property owner releases per Section 1-07.24

SECTION 1-09 MEASUREMENT AND PAYMENT

1-09.2 Weighing Equipment
(August 6, 2001)

General Requirements for Weighing Equipment
Section 1-09.2(1) is revised to read as follows:

Any highway or bridge construction materials to be proportioned or measured and paid
for by weight, shall be weighed on scales. These materials include natural,
manufactured or processed materials obtained from natural deposits, stockpiles,
bunkers, or mixing plants. The Contractor shall provide, set up, and maintain the scales necessary to perform the weighing or shall designate permanently installed, certified commercial scales for the purpose. Each truck to be weighed shall bear a unique identification number. This number shall be legible and in plain view of both the scale operator and the person receiving the material at the jobsite. Scales provided or designated by the Contractor shall be accurate to within one-half of one percent throughout the range of use.

An agent of the scale manufacturer shall test and service any scale before its use at each new site and then at 6-month intervals. The Contractor shall provide the Engineer a copy of the final results after each test.

All initial weighing at the dispatch site or at another site approved by the Engineer shall be performed by a Contractor employee or by another person designated by the Contractor. The designated weigher shall prepare a weigh or load ticket to accompany each load. Each ticket shall contain the truck identification number, the date and time of weighing the load, a description of the material being weighed and the signature or initials of the weigher.

Each weigh or load ticket shall also contain a determination of the net weight of the load. This shall be a reading from any device which weighs as material is loaded or a calculation including gross weight and tare weight when the method of loading does not include weighing. It shall also identify the weighed material. When used, tare weights shall be taken of each hauling vehicle at least twice a day. The ticket shall be provided to the inspector at the jobsite immediately after the material is delivered.

Except as noted below, all weighing shall be subject to confirmation testing through random checks made with a separate scale. The secondary scale shall be described in the contract provisions, either as a designated independent commercial scale or as a platform scale installed by the Contractor at a location named in the provisions. The inspector will select loaded trucks at random and weigh them with the secondary scale. The same trucks will be weighed empty when the tested load has been delivered. The frequency of confirmation testing will be such that at least one test is performed for each contract item paid by weight for each $50,000 of payment for that item and at least one test weekly for each weighed contract item performed during that week.

Confirmation testing will not be routinely conducted for small quantities of weighed material. A small quantity shall be defined as one whose estimated proposal quantity, multiplied by its unit price, has a value of less than $20,000. The inspector may choose to apply confirmation testing to a minor quantity item if, in the inspector’s judgment, there is reason to suspect that the ticket weight might be incorrect.

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.

1-09.8 Payment For Material On Hand
(April 28, 1997)

The last paragraph of Section 1-09.8 is revised to read:

The Contracting Agency will not pay for any individual item on hand with a cost of less than $2,000. As materials are used in the work, credits equaling the partial payments for them will be taken on future estimates. Each month, no later than the estimate due date, the Contractor shall submit a letter to the Project Engineer that clearly states: 1) the amount originally paid on the invoice (or other record of production cost) for the items on hand, 2) the dollar amount of the material incorporated into each of the various work items for the month, and 3) the amount that should be retained in material on hand items. If work is performed on the items and the Contractor does not submit a letter, all of the previous material on hand payment will be deducted on the estimate. Partial payment for materials on hand shall not constitute acceptance. Any material will be rejected if found to be faulty even if partial payment for it has been made.

1-09.13(3) Claims $250,000 or Less
(October 1, 2005 APWA GSP; may be used on FHWA-funded projects)

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 arbitrator, and judgment upon the award rendered by the arbitrator may be entered in the Superior Court of the county in which the Contracting Agency’s headquarters are located. The decision of the arbitrator and the specific basis for the decision shall be in writing. The arbitrator shall use the contract as a basis for decisions.
SECTION 1-10 TEMPORARY TRAFFIC CONTROL

1-10.2(1) General
(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

1-10.2(2) Traffic Control Plans

Section 1-10.2(2), is supplemented with the following:

The Contract includes a General Traffic Control Plan only. The Contractor is responsible
for submitting site specific traffic control plans, for each phase of the Contractor’s
operation, to the Engineer for approval.

A minimum of 10 working days are required for review and approval by the Engineer for
each specific traffic control plan. If the traffic control plan is incomplete and more
information is required, additional time will be required to review and approve each
resubmitted traffic control plan.

No work shall be performed by the Contractor without an approved traffic control plan.
The Contractor shall only have one road closure in place at any one time, to allow continual local access to adjoining properties.

1-10.4(2) Item Bids with Lump Sum for Incidental

Section 1-10.4(2) is supplemented with the following:

(August 2, 2004) The bid proposal does not contain the item “Project Temporary Traffic Control,” lump sum. The provisions of Section 1-10.4(2) shall apply.

Paragraph three of Section 1-10.4(2), is supplemented with the following:

(******) Flaggers and Spotters will be measured by the hour for each person actually performing the work described in Section 1-10.3(1)A. Portions of an hour will be rounded up to the one half hour.

Paragraph four of Section 1-10.4(2) is supplemented with the following:

(******) Other Traffic Control Labor will be measured by the hour for each person actually performing the work. Portions of an hour will be rounded up to the one half hour.

DIVISION 2
EARTHWORK

SECTION 2-01 CLEARING, GRUBBING, AND ROADSIDE CLEANUP

2-01.1 Description
(March 13, 1995)

Section 2-01.1 is supplemented with the following:

Clearing and grubbing on this project shall be performed within the following limits:

The Contractor shall clear and grub as staked unless otherwise directed by the Engineer. The Contractor shall remove and dispose of all existing shrubs, trees, etc., whether or not they are shown on the plans. Those areas identified on the Plans as having construction easements shall only be cleared as needed for improvements.

2-01.2(1) Disposal Method No. 1 –Open Burning

Section 2-01.2(1) is deleted and replaced with the following:

(******)
No open burning will be allowed on this project.

2-01.2(3) Disposal Method No. 3—Chipping

Section 2-01.2(3) is deleted and replaced with the following:

Chipping shall be done by machines that can grind debris into wood chips. Wood chips to be sold or disposed of outside of this project may be any size. Wood chips to be used within the project site shall be no larger than 6 square inches and no thicker than 1/2-inch. The Contractor may spread the unsold chips evenly on the fill slopes only, and tractor walk them into the ground to the satisfaction of the Engineer.

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.

The Lump Sum payment for Clearing and Grubbing shall include all costs to clear and grub to the limits staked by the Engineer.

SECTION 2-02 REMOVAL OF STRUCTURES AND OBSTRUCTIONS

2-02.3 Construction Requirements

(February 17, 1998)

Section 2-02.3 of the Standard Specifications is supplemented with the following:

Removal of Obstructions

The following items shall be removed, disposed of or reset as directed by the Engineer in accordance with the requirements of Section 2-02 of the Standard Specifications:

1. Sta. 90+25, Lt. to 91+75, Lt. scarify old roadway.
2. Sta. 101+39, remove existing 18 In. Diam. culvert pipe.
4. Sta. 108+60, Rt to 112+90, Rt. Scarify old roadway
5. Sta. 114+81 remove existing 12 In. Diam. culvert pipe.
7. Sta. 119+81 remove existing 12 In. Diam. culvert pipe.
9. Sta. 121+06, remove existing 12 In. Diam. culvert pipe.
10. Sta. 127+50, remove existing 6' x 4' conc. box culvert and conc. headwalls.
11. Sta. 135+40, remove existing 18 In. Diam. culvert pipe.
12. Sta. 137+00, Rt. To Sta. 141+60, Rt. Scarify old roadway.
13. Sta. 149+45, remove existing 18 In. Diam. culvert pipe.
14. Sta. 154+22, remove existing 18 In. Diam. culvert pipe.
15. Sta. 160+84, remove existing 4' x 2' conc. box culvert and conc. headwalls.
16. Sta. 167+50, remove existing 8' x 4' conc. box culvert and conc. headwalls.
18. Sta. 179+78, remove existing 18 In. Diam. culvert pipe.
19. Sta. 192+80, Lt., remove existing 12 In. Diam. culvert pipe.
20. Sta. 192+97, remove existing 18 In. Diam. culvert pipe.
21. Sta. 207+29, remove existing 18 In. Diam. culvert pipe.

All other items encountered, which are not covered by Section 2-01 of the Standard Specifications (Clearing, Grubbing, and Roadside Cleanup) shall be considered incidental to the bid item “Removal of Structures and Obstructions”.

Section 2-02.3 paragraph four of the Standard Specifications is supplemented with the following: (******)

No waste site has been provided for the disposal of removed material. All material to be removed from the existing structures, except as noted otherwise in the Special Provisions, shall become the property of the Contractor and shall be removed from the sites or otherwise disposed of as approved by the Engineer. The Contractor shall provide his own waste site for excess excavation, debris, etc., and all costs involved shall be considered incidental to the other bid items, and no further payment will be made. Written permission shall be provided to the County from property owners of any waste site prior to its use.

SECTION 2-03 ROADWAY EXCAVATION AND EMBANKMENT

2-03.3(7) Disposal of Surplus Material

Section 2-03.3(7)C of the Standard Specification shall be supplemented with the following: (******)

Yakima County has not provided a waste disposal site for this project. Hauling and disposal shall be incidental to the Unit Bid Item “Roadway Excavation Incl. Haul” per Cubic Yard.

2-03.3(14) Embankment Construction

2-03.3(14)C Compacting Earth Embankments

Compacting embankments and excavations shall be by Method "C" as specified under Section 2-03.3(14)C of the Standard Specifications.
2-03.4 Measurement

Section 2-03.4 of the Standard Specifications 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 of the Standard Specifications 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."

SECTION 2-07 WATERING

Section 2-07 is deleted and replaced with the following:

(*)

The Contractor shall be solely responsible for dust control on this project and shall protect the motoring public, adjacent homes, orchards and crops from damage due to
dust, by whatever means necessary. The Contractor shall be responsible for any claims for damages and shall protect the County from any and all such claims.

When directed by the Engineer, the Contractor shall provide water for dust control within two hours of such order and have equipment and manpower available at all times including weekends and holidays to respond to orders for dust control measures.

If County forces are required to respond to a dust control problem, the Contractor shall be charged liquidated damages to offset County expenditures. For each time that the County is required to provide dust control measures, the Contractor shall be assessed damages in the amount of $500.00, which shall be deducted from any moneys due the Contractor under this contract.

Payment for water used for dust control, compaction, processing of base course and top course, and other work shall be included in the other Bid Items involved, and no further payment shall be made.

SECTION 2-09 STRUCTURE EXCAVATION

2-09.4 Measurement

Section 2-09.4 of the Standard Specification shall be supplemented with the following:

(******)

Structure Excavation Class B for culverts shall not be measured for payment.

2-09.5 Payment

Section 2-09.5 of the Standard Specification shall be supplemented with the following:

(******)

There shall be no separate payment for Structure Excavation Class B. All costs associated with excavation, backfill and compaction of new culvert trenches shall be included in the lineal foot price of the pipe or concrete box culvert.

DIVISION 5
SURFACE TREATMENTS AND PAVEMENTS

SECTION 5-02 BITUMINOUS SURFACE TREATMENT

5-02.1(1) New Construction

(******)

The first sentence is revised to read “This method of treatment requires two applications of asphalt and two applications of aggregate as specified”.}

C 2892 – Nile Road Page 111 Special Provisions
5-02.3 Application of Asphalt Emulsion and Aggregate

Section 5-02.3(3) is supplemented with the following:

(August 6, 2007)
The grades of asphalt emulsion to be used for New Construction bituminous surface treatments shall be *** CRS-2P *** for the prime coat and *** CRS-2P *** for the tack coat.

Section 5-02.3(3) is supplemented with the following:

(*****)
The prime coat shall be applied at the rate of 0.63 gal. per sq. yd. The tack coat shall be applied at the rate of 0.50 gal. per sq. yd.

DIVISION 6
STRUCTURES

6-02 CONCRETE STRUCTURES

6-02.1 Description

Section 6-02.1 of the Standard Specifications is supplemented with the following:

(*****)
The Precast Reinf. Conc. Three Sided Structure No. 32 has been designed by Conspan Bridge Systems and this design has been approved by the County. If the Contractor elects to propose an alternate precast bridge system it shall meet the requirements of section 6-02 of the Standard Specifications, the contract special provisions, and the following:

1. The structure shall be designed in accordance with the current edition of the AASHTO LRFD Bridge Design Specification for an HL-93 vehicular live load. The design shall be stamped by a licensed Engineer and shall be submitted to Yakima County for approval or rejection. Allow two weeks for County review.

2. The structure in the plans is an arched structure with a nested 25 foot span guardrail on each side. If the Contractor proposes any structure which is not arched and cannot use the 25 foot span guardrail, the Contractor shall assume all cost increases associated with the revised guardrail layout.

3. If the Contractor proposes an alternate structure it shall meet the requirements of the HPA and CORP permit, including the fish window, and installation shall be completed by September 15, 2009.

Section 6-02 of the Standard Specifications is supplemented with the following:

6-02.2 Materials
(December 2, 2002)

Epoxy Bonding Agent For Surfaces And For Steel Reinforcing Bar Dowels

Epoxy bonding agent for surfaces shall be Type II, as specified in Section 9-26.1. Epoxy bonding agent for steel reinforcing bar dowels shall be either Type I or Type IV, as specified in Section 9-26.1. The grade and class of epoxy bonding agent shall be as recommended by the resin manufacturer and approved by the Engineer.

6-02.3 Construction Requirements

Section 6-02.3 of the Standard Specifications shall be amended as follows:

(*****)

The bid item “Precast Reinf. Conc. Box Culvert No. 1234 (extension)” the culvert extension shall be precast and sized as detailed in the plans. Bedding material under the culvert extension shall be crushed surfacing base course and will be paid as "Crushed Surfacing Base Course" per Ton.

Contractor shall coordinate with property owner to have the irrigation water turned off for installation.

The precast concrete box culvert sections shall be designed for HL-93 loading with 1 to 3 feet of cover. The Contractor shall provide a catalog cut or shop drawings for review and approval prior to fabrication of the precast box culvert units.

(June 26, 2000)

Drilling Holes for, and Setting, Steel Reinforcing Bar Dowels

Where called for in the Plans, holes shall be drilled into existing concrete to the size and dimension shown in the Plans. The Contractor may use any method for drilling the holes provided the method selected does not damage the concrete and the steel reinforcing bar that is to remain. Core drilling will be required when specifically noted in the Plans.

The Contractor shall exercise care in locating and drilling the holes to avoid damage to existing steel reinforcing bars and concrete. Location of the holes may be shifted slightly with the approval of the Engineer in order to avoid damaging the existing steel reinforcing bars. All damage caused by the Contractor's operations shall be repaired by the Contractor at no cost to the Contracting Agency and the repair shall be as approved by the Engineer.

Steel reinforcing bars shall be set into the holes noted in the Plans with epoxy resin. The holes shall be blown clean with dry compressed air before placing the resin.

The Contractor shall demonstrate, to the satisfaction of the Engineer, that the method used for setting the steel reinforcing bars completely fills the void between the steel reinforcing bar and the concrete with epoxy resin. Dams shall be placed at the front of the holes to confine the epoxy and shall not be removed until the epoxy has cured in the hole.
6-02.3(2)A Contractor Mix Design

Section 6-02.3(2)A of the Standard Specifications shall be amended as follows:

The first sentence of the first paragraph is revised to read as follows:

(*****)
The Contractor shall provide a mix design in writing for all classes of concrete.

6-02.3(2)B Commercial Concrete

Section 6-02.3(2)B of the Standard Specifications shall be amended as follows:

The third sentence of the first paragraph is deleted and replaced with the following:

(*****)
Commercial concrete requires plant approval, mix design, source approvals for cement, aggregate, and other admixtures.

6-02.3(4) Ready-Mix Concrete

Section 6-02.3(4) of the Standard Specifications shall be amended as follows:

The first sentence of Section 6-02.3(4) is revised to read as follows:

(*****)
All concrete, including commercial concrete and lean concrete, shall be batched in a prequalified manual, semi-automatic, or automatic plant as described in Section 6-02.3(4)A.

6-02.3(4)B Jobsite Mixing

Section 6-02.3(4)B of the Standard Specifications shall be amended as follows:

The first sentence of Section 6-02.3(4) is revised to read as follows:

(*****)
For small quantities of concrete, less than ½ cubic yard, the Contractor may mix concrete on the job site, provided the Contractor has requested in writing and received written permission from the Engineer.

6-02.3(5) Acceptance of Concrete

6-02.3(5)A General

The first sentence of Section 6-02.3(5)A is hereby deleted and replaced with the following:

(*****)
Lean concrete will be accepted based on a Certificate of Compliance to be provided by the Supplier as described in Section 6-02.3(5)B.
6-02.3(24) Reinforcement

6-02.3(24)C Placing and Fastening

Section 6-02.3(24)C is supplemented with the following:

(******)

Drilling Holes for, and Setting, Dowels for Conc. Box Culvert Extension
After removing the specified portions of the concrete canal, the Contractor shall drill 1/2
inch diameter holes into the exposed concrete face for the placement of #3 dowel bars
between the existing concrete and the box culvert extension. The holes shall be
imbedded per the manufacturers’ recommendation, and shall be spaced at 12 inch centers,
a distance of three (3) inches from the inside face of the existing concrete.

All costs in connection with drilling holes in concrete and setting steel reinforcing bar
dowels with epoxy resin as specified shall be included in the unit contract price per lineal
foot “Precast Reinf. Conc. Box Culvert No. 1234 (Extension)”.

6-02.3(28) Precast Concrete Panels
(April 6, 2009)

Manufacturing Plant Quality Control Program
The manufacturing plant of precast reinforced concrete three sided structures shall
be certified by one of the organizations specified in Section 6-02.3(28).

Design Criteria
The precast reinforced concrete three sided structures shall be designed in
accordance with the current AASHTO LRFD Bridge Design Specifications,
including an HL-93 vehicular live load.

Precast reinforced concrete three sided structures shall be precast rigid frames with
monolithic upper corners internally reinforced for moment and shear resistance,
except as otherwise noted. Connecting separate and individually precast concrete
panels together to form the specified three sided frame geometry may be
acceptable provided the following additional requirements are satisfied:

1. The structure system shall provide moment and shear resistance from the
lateral load from backfill placed full width and full height at one side only
of the three sided structure.

2. The structure system receives the approval of the Bridge and Structures
Office and the Hydraulics Office.

Approved Products
The following products are approved for use as precast reinforced concrete three
sided structures with spans less than 26 feet, when designed, fabricated, and
constructed in accordance with Section 6-02.3(28) as supplemented in these
Special Provisions:
<table>
<thead>
<tr>
<th>Product Name</th>
<th>Fabricator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three Sided Bridge</td>
<td>Utility Vault Company</td>
</tr>
<tr>
<td></td>
<td>P.O. Box 588</td>
</tr>
<tr>
<td></td>
<td>Auburn, WA 98071-0588</td>
</tr>
<tr>
<td></td>
<td>(253) 839-3500</td>
</tr>
<tr>
<td></td>
<td>1-800-892-1538</td>
</tr>
<tr>
<td></td>
<td>Fax: (253) 735-4201</td>
</tr>
<tr>
<td>Three Sided Hydraulic</td>
<td>Central Pre-Mix Prestress Company</td>
</tr>
<tr>
<td>Structure</td>
<td>P.O. Box 3366</td>
</tr>
<tr>
<td></td>
<td>Spokane, WA 99220-3366</td>
</tr>
<tr>
<td></td>
<td>(509) 533-0267</td>
</tr>
<tr>
<td></td>
<td>Fax: (509) 534-3013</td>
</tr>
<tr>
<td>Pre-Cast 3 - Sided Bridge</td>
<td>Granite Precasting &amp; Concrete, Inc.</td>
</tr>
<tr>
<td></td>
<td>4116 Bakerview Spur</td>
</tr>
<tr>
<td></td>
<td>Bellingham, WA 98226</td>
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<tr>
<td></td>
<td>(800) 808-2251</td>
</tr>
<tr>
<td></td>
<td>Fax: (360) 671-0780</td>
</tr>
</tbody>
</table>

(April 3, 2006)

CON/SPAN Bridge Systems: CONTECH Arch Technologies, Inc.
DBA Bridge Tek
34617 11th Place S Suite 106
Federal Way, WA 98003
(253) 874-4777
(800) 344-2102
FAX: (253) 874-4333
Attention: Michael Blank

(December 2, 2002)

6-02.3(28)A Precast Reinforced Concrete Three Sided Structures

For three sided structures, the Contractor shall submit two sets of design calculations to the Bridge and Structures Engineer with the eight sets of shop drawings submitted for the Engineer's approval.

The Contractor shall affirm with the design calculations submitted with the shop drawings for the Engineer's approval, that the three sided structure conforms to the specified design criteria. The design calculations shall include, but not be limited to, analysis of the following elements:

1. Flexure (substructure and superstructure).
2. Compression in the walls.
3. Shear (substructure and superstructure).
4. Design footing bearing pressure versus allowable soil bearing pressure.
5. Deflection.
6. Minimum and maximum reinforcement ratios.
7. Distribution of flexural reinforcement.
8. Fatigue.

For three sided structures, in addition to items 1 through 6 under shop drawing content requirements, the following shop drawing details shall be submitted:

1. Footing and slab base details.
2. Wingwall and cutoff wall details.
3. Erection and backfill procedure.
4. Complete, site specific, itemized bar list for all steel reinforcement.

All design calculations and shop drawings for the precast reinforced concrete three sided structures shall be stamped and signed by a Professional Engineer in accordance with Section 6-01.9.

6-02.3(28)B Casting
Section 6-02.3(28)B is supplemented with the following:

(April 30, 2001)
Precast Reinforced Concrete Three Sided Structure
The precast reinforced concrete three sided structure fabricator shall notify the Washington State Department of Transportation Materials and Fabrication Inspection Section at least five working days in advance of beginning fabrication of the structures for this project.

Whenever the minimum finished backfill depth above the top of the structure is less than 1'-0"", either all steel reinforcing bars in the span unit shall be epoxy-coated in accordance with Sections 6-02.3(24)H and 9-07.3, or the minimum concrete cover dimension from the face of concrete to the face of the top mat of steel reinforcing bars shall be 2-1/2".

Whenever the minimum concrete cover dimension from the face of concrete to the face of the top mat of steel reinforcing bars is less than 1-1/2", the top mat of steel reinforcing bars in the span unit shall be epoxy-coated in accordance with Sections 6-02.3(24)H and 9-07.3.

The Contractor may strip forms from precast reinforced concrete three sided structures after the concrete reaches a minimum compressive strength of 3,000 psi, provided the precast reinforced concrete three sided structure remains in the casting bed in accordance with Section 6-02.3(28)G as supplemented in these Special Provisions. All damage from stripping is the Contractor's responsibility.
6-02.3(28)E Finishing

Section 6-02.3(28)E is supplemented with the following:

(January 7, 2002)

**Precast Reinforced Concrete Three Sided Structures**

The Contractor shall finish all exposed surfaces of the structure with a Class 2 finish.

The Contractor shall mark the following information, using waterproof paint, on the inside of a vertical leg of each section of the structure:

- Design Loads
- Span and Rise dimension
- Job Number
- Fabrication Date
- Manufacturer’s Name and Trademark

6-02.3(28)G Handling and Storage

Section 6-02.3(28)G is supplemented with the following:

(April 30, 2001)

**Precast Reinforced Concrete Three Sided Structures**

The Contractor shall not move three sided structure sections from the casting bed into storage until the concrete reaches a minimum compressive strength of 70 percent of the final design strength specified in the shop drawing and design calculation submittal.

The Contractor shall pick, move, and store the three sided structure sections in the cast position until the concrete reaches a minimum compressive strength equal to the final design strength specified in the shop drawing and design calculation submittal.

6-02.3(28)H Shipping

Section 6-02.3(28)H is supplemented with the following:

(April 30, 2001)

**Precast Reinforced Concrete Three Sided Structure**

Prior to shipping, the precast reinforced concrete three sided structure fabricator shall furnish the Inspector a complete documentation package for each structure.

The documentation package shall include the following information for each structure:

1. Concrete batch tickets.
2. Concrete cylinder break results.
3. Material certifications.
4. Copies of all changes from the Plans and Specifications.

6-02.3(28)I Erection

Section 6-02.3(28)I is supplemented with the following:
(April 30, 2001)

Precast Reinforced Concrete Three Sided Structures

The Contractor shall erect and backfill precast reinforced concrete three sided structures in accordance with the erection sequence specified in the shop drawings approved by the Engineer, and the construction equipment restrictions specified in Section 6-02.3(25)O.

Adjacent precast units shall be connected by welding the weld-tie anchors in accordance with Section 6-02.3(25)O. The weld-tie anchor spacing shall not exceed 6'-0". After connecting the weld-tie anchors, the Contractor shall paint the exposed metal surfaces with one coat of primer in accordance with Section 6-07.3(1)D. Keyways shall be filled with grout conforming to Section 6-02.3(25)O.

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

SECTION 7-02 CULVERTS

7-02.2 Materials

Section 7-02.2 is supplemented with the following:

(******)
Solid Wall PVC Culvert Pipe, Profile Wall PVC Culvert Pipe, and Corrugated Polyethylene Culvert Pipe shall not be allowed for use on driveway approaches or road crossings with exposed ends.

The "Gravel Backfill for Pipe Zone Bedding" shall conform to Crushed Surfacing Top Course meeting the requirements of Section 9-03.9(3) of the Standard Specifications.

7-02.3 Construction Requirements

Section 7-02.3 is supplemented with the following:

(******)
All pipes, which extend into the slope shall have beveled ends to match the ground slope. On field cuts, the cut surface shall be painted with two coats of paint. The steel pipe to be painted shall be cleaned with solvent to remove contaminants. After cleaning, the pipe shall be painted with two coats of paint conforming to Federal Specifications TT-P-645 (Primer, Paint, Zinc Chromate, Alkyd Vehicle).

The cost of cutting, cleaning and painting the steel pipe surfaces as specified shall be included in the unit contract price per linear foot for steel pipe.

7-02.5 Payment
Section 7-02.5 of the Standard Specifications shall be supplemented with the following:

(*****)
When the Engineer directs the Contractor to backfill trenches with "Crushed Surfacing Top Course", payment shall be made by the Contract Bid Item "Crushed Surfacing Top Course" per ton, which shall include all costs associated with labor, equipment, materials, etc., and no further payment shall be made.

SECTION 7-08 GENERAL PIPE INSTALLATION REQUIREMENTS

7-08.2 Materials

Section 7-08.2 is supplemented with the following:

(*****)
Gravel Backfill for Pipe Bedding 9-03.9(3).

7-08.3(3) Backfilling

Section 7-08.3(3) is supplemented with the following:

(*****)
Where directed by the Engineer, trenches shall be backfilled to the depth specified by the Engineer with "Crushed Surfacing Top Course".

7-08.4 Measurement

Section 7-08.4 is supplemented with the following:

(*****)
Crushed Surfacing Top Course used as Gravel Backfill for Pipe Zone Bedding shall be measured by the ton.

The first sentence of paragraph 4 is deleted and replaced with the following:

Structure Excavation Class B, and Structure Excavation Class B, including haul shall not be measured.

7-08.5 Payment

Section 7-08.5 is supplemented with the following:

(*****)
When the Engineer directs the Contractor to backfill trenches with "Crushed Surfacing Top Course" payment shall be made by the Contract Bid Item "Crushed Surfacing Top Course" per ton, which shall include all costs associated with labor, equipment, materials, etc., and no further payment shall be made.
All costs associated with Structure Excavation Class B, and Structure Excavation Class B, Including Haul for the various drainage items shall be included in the unit contract price for the type and size of pipe or catch basin installed.

DIVISION 8
MISCELLANEOUS CONSTRUCTION

SECTION 8-01 EROSION CONTROL AND WATER POLLUTION CONTROL
8-01.3 Construction Requirements

Section 8-01.3 of the Standard Specifications is supplemented with the following:

The Contractor shall maintain the flow in Nile Creek during removal of the existing box culvert and construction of the new bridge structure. The Contractor shall either follow the plans for the temporary stream bypass system or submit an alternate plan for approval by the Engineer.

8-01.5 Payment

Section 8-01.5 of the Standard Specifications is supplemented with the following:

The Contract Unit price for "Stream Bypass System" per Lump Sum shall be full compensation for all labor, equipment, tools, and materials necessary to pipe, excavate, construct and maintain cofferdams, or otherwise protect and contain the stream during pipe installation.

SECTION 8-02 ROADSIDE RESTORATION

8-02.1 Description

Section 8-02.1 of the Standard Specifications is supplemented with the following:

This work will consist of installing logs with rootwades in Nile Creek at the locations shown in the plans, anchoring a pine tree between two trees adjacent to Nile Creek, installing columnar basalt baffles in the new culvert on Dry Creek, and placement of Native Streambed Cobbles.

8-02.2 Materials

Section 8-02.2 of the Standard Specifications is supplemented with the following:
The Contractor may use trees removed during clearing and grubbing which will be flagged by the County for construction of the Log with rootwad structure and the cable anchored native pine.

The habitat boulders shall be sized as detailed in the plans and come from an approved pit site.

The Native Streambed Cobbles shall be material removed from the stream bed during the excavation for installation of the new stream crossings at Dry Creek and Nile Creek.

8-02.3 Construction Requirements

Section 8-02.3 of the Standard Specifications is supplemented with the following:

The "Log with rootwad structure" shall be constructed as detailed in the plans and at the location shown in the plans or as by the Engineer. The Native Gravel Backfill shall be material removed to install the Log with rootwad structure.

The tree used for the bid item "Cable Anchored Native Pine" will be flagged by the Engineer and shall be loosely cabled between two existing trees to secure it from floating away.

The columnar basalt baffle's shall be sized and placed as detailed in the plans or as directed by the Engineer.

8-02.3(15)B Seeding and Fertilizing

Section 8-03.3(15) B of the Standard Specifications is supplemented with the following:

Grass seed, of the following composition, proportion, and quality, shall be applied at the rate of 60 pounds per acre on all areas requiring seeding within the project:

<table>
<thead>
<tr>
<th>Grass Species</th>
<th>Scientific Name</th>
<th>Pounds per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sandburg Bluegrass</td>
<td>Poa sandbergii</td>
<td>10</td>
</tr>
<tr>
<td>Bluebunch Wheatgrass</td>
<td>Agropyron spicatum</td>
<td>10</td>
</tr>
<tr>
<td>Basin Wild Rye</td>
<td>Elymus Cinereus</td>
<td>7</td>
</tr>
<tr>
<td>Annual Rye</td>
<td>Lolium multiforum</td>
<td>30</td>
</tr>
</tbody>
</table>

**Total Pounds per Acre**

57

010304B1.FR8
January 5, 1998

Sufficient quantities of fertilizer shall be applied to supply the following amounts of nutrients:
Total Nitrogen as N - 80 pounds per acre

Available Phosphoric Acid as P₂O₅ - 40 pounds per acre

Soluble Potash as K₂O - 40 pounds per acre

Ninety percent of nitrogen applied per acre shall be derived from isobutyridene diurea (IBDU), cyclo-di-urea (CDU), or sulfur-coated urea (SCU). The remainder may be derived from any source.

The fertilizer formulation and application rate shall be approved by the Engineer before use.

8-02.3(15)D Mulching

Section 8-01.3(5) of the Standard Specifications is supplemented with the following:

(******)

Wood cellulose fiber mulch shall be applied at a rate of 2,000 pounds per acre.

8-02.3(15)F Soil Binder or Tacking Agent

Section 8-01.3(6)B of the Standard Specifications is supplemented with the following:

(******)

Tacking agent shall be Type A in accordance with Section 9-14.4(7) of the Standard Specifications. Application rate shall be per manufacturer’s written recommendations.

8-02.4 Measurement

Section 8-02.4 of the Standard Specifications is supplemented with the following:

(******)

"log with rootwad structure" shall be measured per Each.

"Cable Anchored Native Pine" shall be measured per Each.

"Columnar Basalt Baffle" shall be measured per Each.

"Native Streambed Cobbles (Truck Measure)" shall be measured per Cubic Yard truck measure.

8-02.5 Payment

Section 8-02.5 of the Standard Specifications is supplemented with the following:

(******)

The Contract Unit price for "Log With Rootwad Structure" per each shall be full compensation for all labor, equipment, and tools necessary to load, haul, and place the logs with rootwades, habitat boulders, and backfill with native gravel, at the locations shown in the plans or as directed by the Engineer.
The Contract Unit price for "Cable Anchored Native Pine" per each shall be full compensation for all labor, equipment, and tools necessary to load, haul, and cable in place the log with roots, at the location shown in the plans or as directed by the Engineer.

The Contract Unit price for "Columnar Basalt Baffle" per each shall be full compensation for all labor, equipment, and tools necessary to load, haul, and place the columnar basalt baffles, at the location shown in the plans or as directed by the Engineer.

The Contract Unit price for "Native Streambed Cobbles" per cubic yard shall be full compensation for all labor, equipment, and tools necessary to load, haul, and place the native streambed cobbles, at the location shown in the plans or as directed by the Engineer.

The per-acre price for "Seeding, Fertilizing, and Mulching" shall also include providing tacking agent.

The following new section is added to Division 8.

SECTION 8-05 DRIVEWAY APPROACHES

8-05.1 Description

(******)

The Contractor shall excavate gravel driveway approaches and field entrances adjacent to the roadway, place and compact Crushed Surfacing Top Course as directed by the Engineer. Unless shown otherwise on the attached Plans or directed otherwise by the Engineer, driveway approaches shall be excavated at a constant slope from the finished roadway surface. The Contractor shall place 0.3 Feet compacted depth Crushed Surfacing Top Course on gravel driveway approaches.

All costs associated with removing and disposing of hard surfacing shall be considered incidental to the other Bid Items of the Contract, and no further payment shall be made.

8-05.3 Construction Requirements

(******)

Where necessary, the Contractor shall excavate the existing driveway approaches to a neat line. Crushed surfacing materials shall be placed in accordance with Section 4-04 of the Standard Specifications.

8-05.5 Payment

(******)

The Contract Unit Price for "Roadway Excavation Incl. Haul" per Cubic Yard, shall be full compensation for all materials, labor, equipment, tools, excavating and hauling to complete the work as specified, and no further payment shall be made.
The Contract Unit Price for "Crushed Surfacing Top Course" per Ton, shall be full compensation for furnishing all materials, labor, tools, and equipment necessary to complete the work as specified and no further payment shall be made.

SECTION 8-15 RIPRAP

8-15.2 Materials

Section 8-15.2 is supplemented with the following:

"Light Streambed Armor (Truck Measure)" and "Heavy Streambed Armor (Truck Measure)" shall meet the requirements of section 9-13.2 except the gradation shall be as detailed in the plans.

SECTION 8-22 PAVEMENT MARKINGS

8-22.1 Description

Section 8-22.1 is supplemented with the following:

Longitudinal Line Markings shall be applied with a highway striper truck whenever possible. Any other method shall be approved by the Engineer two weeks prior to the use of the proposed application.

8-22.3(1) Preliminary Spotting

Section 8-22.3(1) is deleted and replaced with the following:

The Engineer will provide spotting of the lines to be marked. Spotting shall be provided at a spacing of 100 feet maximum on tangents and 25 feet maximum on curves. The color of all spotting will be white.

DIVISION 9
MATERIALS

SECTION 9-28 SIGNING MATERIALS AND FABRICATION

9-28.14 Sign Support Structures

April 7, 2008

Section 9-28.14 is supplemented with the following:
Manufacturers for Steel Sign Supports

The Standard Plans lists several steel sign support types. These supports are patented devices and many are sole-source. All of the sign support types listed below are acceptable when shown in the plans.

<table>
<thead>
<tr>
<th>Steel Sign Support Type</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type TP-A &amp; TP-B</td>
<td>Transpo Industries, Inc.</td>
</tr>
<tr>
<td>Type PL, PL-T &amp; PL-U</td>
<td>Northwest Pipe Co.</td>
</tr>
<tr>
<td>Type AS</td>
<td>Transpo Industries, Inc.</td>
</tr>
<tr>
<td>Type AP</td>
<td>Transpo Industries, Inc.</td>
</tr>
<tr>
<td>Type ST 1, ST 2, ST 3, &amp; ST 4</td>
<td>Ultimate Highway Products, Inc.</td>
</tr>
<tr>
<td>Type SB-1, SB-2, &amp; SB-3</td>
<td>Allied Tube &amp; Conduit, Inc., Northwest Pipe, Inc.</td>
</tr>
</tbody>
</table>

SECTION 9-34 PAVEMENT MARKING MATERIAL

9-34.2(3) Low VOC Waterborne Paint

Section 9-34.2(3) is supplemented with the following:

(******)
Pavement marking materials shall be Low VOC Solvent Based Paint or Low VOC Waterborne Paint.

STANDARD PLANS

April 13, 2009

The State of Washington Standard Plans for Road, Bridge and Municipal Construction M21-01 transmitted under Publications Transmittal No. PT 09-013, effective April 6, 2009 is made a part of this contract.

The Standard Plans are revised as follows:

All Standard Plans

All references in the Standard Plans to "Asphalt Concrete Pavement" shall be revised to read "Hot Mix Asphalt".

All references in the Standard Plans to the abbreviation "ACP" shall be revised to read "HMA".

B-10.20 and B10.40

Substitute "step" in lieu of "handhold" on plan
C-1b
In the ANCHOR POST ASSEMBLY, the above ground 7 1/2” long bolt connecting the
Wood Breakaway Post to the Foundation Tube is revised to 10” long.

C-2r
DELETED

C-2s
DELETED

C-2t
DELETED

C-3, C-3B, C-3C
Note 1 is revised as follows: replace reference F-2b with F-10.42

C-4a
DELETED

C-5
In the A CONNECTION, “Type 3 transition pay limit” is revised to “transition pay limit”.

C-10 (sheet 2 of 2)
COVER PLATE DETAIL, dimension of the 1” dia. holes, changes from 8” to 3”

C-11c
DELETED

F-40.12 through F-40.18
The following note is added to these five plans:

Note 7. To the maximum extent feasible, the ramp cross slope shall not exceed 2%.

G-9a
DELETED

J-6f
DELETED

J-6g
DELETED

J-6h
DELETED

J-11a
DELETED

J-11c
DELETED

J-15a
DELETED

J-15b
DELETED

K-80.30-00
In the NARROW BASE, END view, the reference to Std. Plan C-8e is revised to Std. Plan K-80.35

L-20.10-00, 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-20.10-00, Sheet 2
Delete all references to tension cable and substitute tension wire.
All rope thimbles, wire rope clips and seizing are not required.

L-30.10-00, Sheet 1
Delete all references to tension cable and substitute tension wire.

L-30.10-00, Sheet 2
Delete all references to tension cable and substitute tension wire.
All rope thimbles, wire rope clips and seizing are not required.

M-1.60
COLLECTOR DISTRIBUTOR ROAD OFF- CONNECTION, taper dimensions of 225’ MIN. is changed to 300’ MIN.

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........8/07/07 A-30.30-00......11/08/07 A-50.20-00.....11/17/08
A-10.20-00......10/05/07 A-30.35-00......10/12/07 A-50.30-00.....11/17/08
A-10.30-00......10/05/07 A-40.10-00......10/05/07 A-50.40-00.....11/17/08
A-20.10-00........8/31/07 A-40.20-00......10/05/07 A-60.10-00.....10/05/07
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<td>B-75.50-01</td>
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I. General

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Attachments

A. Employment Preference for Appalachian Contracts (included in Appalachian contracts only)

I. GENERAL

1. 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.

2. Except as otherwise provided for in each section, the contractor shall insert in each subcontract all of the stipulations contained in these Required Contract Provisions, and further require their inclusion in any lower tier subcontract or purchase order that may in turn be made. The Required Contract Provisions shall not be incorporated by reference in any case. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with these Required Contract Provisions.

3. A breach of any of the stipulations contained in these Required Contract Provisions shall be sufficient grounds for termination of the contract.

4. A breach of the following clauses of the Required Contract Provisions may also be grounds for debarment as provided in 29 CFR 5.12:

   Section I, paragraph 2;
   Section IV, paragraphs 1, 2, 3, 4, and 7;
   Section V, paragraphs 1 and 2a through 2g.
5. Disputes arising out of the labor standards provisions of Section IV (except paragraph 5) and Section V of these Required Contract Provisions shall not be subject to the general dispute clause of this contract. Such disputes shall be resolved in accordance with the procedures of the U.S. Department of Labor (DOL) as set forth in 29 CFR 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 DOL, or the contractor's employees or their representatives.

6. **Selection of Labor:** During the performance of this contract, the contractor shall not:
   a. discriminate against labor from any other State, possession, or territory of the United States (except for employment preference for Appalachian contracts, when applicable, as specified in Attachment A), or
   b. employ convict labor for any purpose within the limits of the project unless it is labor performed by convicts who are on parole, supervised release, or probation.

II. **Nondiscrimination**

(Applicable to all Federal-aid construction contracts and to all related subcontracts of $10,000 or more.)

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 (28 CFR 35, 29 CFR 1630 and 41 CFR 60) 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 Equal Opportunity Construction Contract Specifications set forth under 41 CFR 60-4.3 and the provisions of the American 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 State highway agency (SHA) and the Federal Government in carrying out EEO obligations and in their review of his/her activities under the contract.
   b. The contractor will accept as his 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, preapprenticeship, and/or on-the-job training."
2. **EEO Officer:** The contractor will designate and make known to the SHA contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active contractor program of EEO 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 minority group employees.

   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 minority groups in the area from which the project work force would normally be derived.

   a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minority group applicants. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority group 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, he is expected to observe the provisions of that agreement to the extent that the system permits the contractor's compliance with EEO contract provisions. (The DOL has held that where implementation of such agreements have
the effect of discriminating against minorities or women, or obligates the contractor
to do the same, such implementation violates Executive Order 11246, as amended.)

c. The contractor will encourage his present employees to refer minority group
applicants for employment. Information and procedures with regard to referring
minority group 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 his 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 his avenues of appeal.

6. **Training and Promotion:**

a. The contractor will assist in locating, qualifying, and increasing the skills of minority
group and women employees, and applicants for employment.

b. Consistent with the contractor's workforce 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. Where feasible, 25 percent of apprentices or trainees
in each occupation shall be in their first year of apprenticeship or training. In the
event a special provision for training is provided under this contract, this
subparagraph will be superseded as indicated in the special provision.

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 minority group and women employees 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 his/her best efforts to obtain the cooperation of such unions to increase opportunities for minority groups and women within the unions, and to effect referrals by such unions of minority and female employees. 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 best efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minority group members and women for membership in the unions and increasing the skills of minority group employees and women so that they may qualify for higher paying employment.

b. The contractor will use best 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 SHA 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 minority and women 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 minority group persons and women. (The DOL has held that it shall be no excuse that the union with which the contractor has a collective bargaining agreement providing for exclusive referral failed to refer minority employees.) 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 SHA.

8. **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.

a. The contractor shall notify all potential subcontractors and suppliers of his/her EEO obligations under this contract.

b. Disadvantaged business enterprises (DBE), as defined in 49 CFR 23, shall have equal opportunity to compete for and perform subcontracts which the contractor enters into pursuant to this contract. The contractor will use his best efforts to solicit bids from and to utilize DBE subcontractors or subcontractors with meaningful
minority group and female representation among their employees. Contractors shall obtain lists of DBE construction firms from SHA personnel.

c. The contractor will use his best efforts to ensure subcontractor compliance with their EEO obligations.

9. 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 completion of the contract work and shall be available at reasonable times and places for inspection by authorized representatives of the SHA and the FHWA.

   a. The records kept by the contractor shall document the following:

      1. The number 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;

      3. The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minority and female employees; and

      4. The progress and efforts being made in securing the services of DBE subcontractors or subcontractors with meaningful minority and female representation among their employees.

   b. The contractors will submit an annual report to the SHA 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. If on-the-job training is being required by special provision, the contractor will be required to collect and report training data.

III. NONSEGREGATED FACILITIES

(Applicable to all Federal-aid construction contracts and to all related subcontracts of $10,000 or more.)

   a. By submission of this bid, the execution of this contract or subcontract, or the consummation of this material supply agreement or purchase order, as appropriate, the bidder, Federal-aid construction contractor, subcontractor, material supplier, or vendor, as appropriate, certifies that the firm does not maintain or provide for its employees any segregated facilities at any of its establishments, and that the firm does not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. The firm agrees that a breach of this certification is a violation of the EEO provisions of this contract. The firm further certifies that no employee will be denied access to adequate facilities on the basis of sex or disability.

   b. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, restrooms and washrooms, restaurants and other eating areas, timeclocks, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive, or are, in fact, segregated on the basis of race, color,
religion, national origin, age or disability, because of habit, local custom, or otherwise. The only exception will be for the disabled when the demands for accessibility override (e.g. disabled parking).

c. The contractor agrees that it has obtained or will obtain identical certification from proposed subcontractors or material suppliers prior to award of subcontracts or consummation of material supply agreements of $10,000 or more and that it will retain such certifications in its files.

IV. PAYMENT OF PREDETERMINED MINIMUM WAGE

(Applicable to all Federal-aid construction contracts exceeding $2,000 and to all related subcontracts, except for projects located on roadways classified as local roads or rural minor collectors, which are exempt.)

1. General:

a. All mechanics and laborers 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 (29 CFR 3) issued by the Secretary of Labor under the Copeland Act (40 U.S.C. 276c)) the full amounts of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment. The payment shall be computed at wage rates not less than those contained in the wage determination of the Secretary of Labor (hereinafter "the wage determination") which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor or its subcontractors and such laborers and mechanics. The wage determination (including any additional classifications and wage rates conformed under paragraph 2 of this Section IV and the DOL poster (VH-1321) or Form FHWA-1495) 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. For the purpose of this Section, contributions made or costs reasonably anticipated for bona fide fringe benefits under Section 1(b)(2) of the Davis-Bacon Act (40 U.S.C. 276a) on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of Section IV, paragraph 3b, hereof. Also, for the purpose of this Section, 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 paragraphs 4 and 5 of this Section IV.

b. 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.

c. All rulings and interpretations of the Davis-Bacon Act and related acts contained in 29 CFR 1, 3, and 5 are herein incorporated by reference in this contract.

2. Classification:

   a. The SHA contracting officer shall require that any class of laborers or mechanics employed under the contract, which is not listed in the wage determination, shall be classified in conformance with the wage determination.

   b. The contracting officer shall approve an additional classification, wage rate and fringe benefits only when the following criteria have been met:

      1. the work to be performed by the additional classification requested is not performed by a classification in the wage determination;

      2. the additional classification is utilized in the area by the construction industry;

      3. the proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination; and

      4. with respect to helpers, when such a classification prevails in the area in which the work is performed.

   c. If the contractor or subcontractors, as appropriate, the laborers and mechanics (if known) to be employed in the additional classification 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 DOL, Administrator of the Wage and Hour Division, Employment Standards Administration, Washington, D.C. 20210. The Wage and Hour 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.

   d. In the event the contractor or subcontractors, as appropriate, the laborers or mechanics to be employed in the additional 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. Said 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.

e. The wage rate (including fringe benefits where appropriate) determined pursuant to paragraph 2c or 2d of this Section IV shall be paid to all workers performing work in the additional classification from the first day on which work is performed in the classification.

3. Payment of Fringe Benefits:

   a. 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 or subcontractors, as appropriate, shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly case equivalent thereof.

   b. If the contractor or subcontractor, as appropriate, does not make payments to a trustee or other third person, he/she may consider as a 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.

4. Apprentices and Trainees (Programs of the U.S. DOL) and Helpers:

   a. Apprentices:

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

   2. The allowable ratio of apprentices to journeyman-level employees 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 employee 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 listed in 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 or subcontractor 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-level hourly rate)
specified in the contractor's or subcontractor's registered program shall be observed.

3. 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 journeyman-level 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 for the Wage and Hour Division determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

4. In the event the Bureau of Apprenticeship and Training, or a State apprenticeship agency recognized by the Bureau, withdraws approval of an apprenticeship program, the contractor or subcontractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the comparable work performed by regular employees until an acceptable program is approved.

b. Trainees:

1. 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 DOL, Employment and Training Administration.

2. The ratio of trainees to journeyman-level employees on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. 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.

3. Every trainee must be paid at not less than the rate specified in the approved program for his/her level of progress, expressed as a percentage of the journeyman-level 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-level wage rate on the wage determination which provides for less than full fringe benefits for apprentices, in which case such trainees shall receive the same fringe benefits as apprentices.
4. In the event the Employment and Training Administration withdraws approval of a training program, the contractor or subcontractor 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. Helpers:

Helpers will be permitted to work on a project if the helper classification is specified and defined on the applicable wage determination or is approved pursuant to the conformance procedure set forth in Section IV.2. Any worker listed on a payroll at a helper wage rate, who is not a helper under a approved definition, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed.

5. 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.

6. Withholding:

The SHA shall upon its own action or upon written request of an authorized representative of the DOL withheld, or cause to be withheld, from the contractor or subcontractor 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, as much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the SHA contracting officer 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.

7. Overtime Requirements:

No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers, mechanics, watchmen, or guards (including apprentices, trainees, and helpers described in paragraphs 4 and 5 above) shall require or permit any laborer, mechanic, watchman, or guard in any workweek in which he/she is employed on such work, to work in excess of 40 hours in such workweek unless such laborer, mechanic, watchman, or guard receives compensation at a rate not less than one-and-one-half times his/her basic rate of pay for all hours worked in excess of 40 hours in such workweek.
8. **Violation:**

   Liability for Unpaid Wages; Liquidated Damages: In the event of any violation of the clause set forth in paragraph 7 above, the contractor and any subcontractor responsible thereof shall be liable to the affected employee for his/her 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, mechanic, watchman, or guard employed in violation of the clause set forth in paragraph 7, in the sum of $10 for each calendar day on which such employee was required or permitted to work in excess of the standard work week of 40 hours without payment of the overtime wages required by the clause set forth in paragraph 7.

9. **Withholding for Unpaid Wages and Liquidated Damages:**

   The SHA shall upon its own action or upon written request of any authorized representative of the DOL withhold, or cause to be withheld, from any monies 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 8 above.

V. **STATEMENTS AND PAYROLLS**

(Applicable to all Federal-aid construction contracts exceeding $2,000 and to all related subcontracts, except for projects located on roadways classified as local roads or rural collectors, which are exempt.)

1. **Compliance with Copeland Regulations (29 CFR 3):**

   The contractor shall comply with the Copeland Regulations of the Secretary of Labor which are herein incorporated by reference.

2. **Payrolls and Payroll Records:**

   a. Payrolls and basic records relating thereto shall be maintained by the contractor and each subcontractor during the course of the work and preserved for a period of 3 years from the date of completion of the contract for all laborers, mechanics, apprentices, trainees, watchmen, helpers, and guards working at the site of the work.

   b. The payroll records shall contain the name, social security number, and address of each such employee; his or her correct classification; hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalent thereof the types described in Section 1(b)(2)(B) of the Davis Bacon Act); daily and weekly number of hours worked; deductions made; and actual wages paid. In addition, for Appalachian contracts, the payroll records shall contain a notation indicating whether the employee does, or does not, normally reside in the
labor area as defined in Attachment A, paragraph 1. Whenever the Secretary of Labor, pursuant to Section IV, paragraph 3b, has found that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in Section 1(b)(2)(B) of the Davis Bacon Act, the contractor and each subcontractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, that the plan or program has been communicated in writing to the laborers or mechanics affected, and show the cost anticipated or the actual cost incurred in providing benefits. Contractors or subcontractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprentices and trainees, and ratios and wage rates prescribed in the applicable programs.

c. Each contractor and subcontractor shall furnish, each week in which any contract work is performed, to the SHA resident engineer a payroll of wages paid each of its employees (including apprentices, trainees, and helpers, described in Section IV, paragraphs 4 and 5, and watchmen and guards engaged on work during the preceding weekly payroll period). The payroll submitted shall set out accurately and completely all of the information required to be maintained under paragraph 2b of this Section V. This information may be submitted in any form desired. Optional Form WH-347 is available for this purpose and may be purchased from the Superintendent of Documents (Federal stock number 029-005-0014-1), U.S. Government Printing Office, Washington, D.C. 20402. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors.

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

1. that the payroll for the payroll period contains the information required to be maintained under paragraph 2b of this Section V and that such information is correct and complete;

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

3. that each laborer or mechanic has been paid not less that the applicable wage rate and fringe benefits or cash equivalent for the classification of worked performed, as specified in the applicable wage determination incorporated into the contract.

e. 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 2d of this Section V.
f. The falsification of any of the above certifications may subject the contractor to civil or criminal prosecution under 18 U.S.C. 1001 and 31 U.S.C. 231.

g. The contractor or subcontractor shall make the records required under paragraph 2b of this Section V available for inspection, copying, or transcription by authorized representatives of the SHA, the FHWA, or the DOL, 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 SHA, the FHWA, the DOL, or all may, after written notice to the contractor, sponsor, applicant, or owner, take such actions 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.

VI. RECORD OF MATERIALS, SUPPLIES, AND LABOR

1. On all Federal-aid contracts on the National Highway System, except those which provide solely for the installation of protective devices at railroad grade crossings, those which are constructed on a force account or direct labor basis, highway beautification contracts, and contracts for which the total final construction cost for roadway and bridge is less than $1,000,000 (23 CFR 635) the contractor shall:

   a. Become familiar with the list of specific materials and supplies contained in Form FHWA-47, "Statement of Materials and Labor Used by Contractor of Highway Construction Involving Federal Funds," prior to the commencement of work under this contract.

   b. Maintain a record of the total cost of all materials and supplies purchased for and incorporated in the work, and also of the quantities of those specific materials and supplies listed on Form FHWA-47, and in the units shown on Form FHWA-47.

   c. furnish, upon the completion of the contract, to the SHA resident engineer on Form FHWA-47 together with the data required in paragraph 1b relative to materials and supplies, a final labor summary of all contract work indicating the total hours worked and the total amount earned.

2. At the prime contractor’s option, either a single report covering all contract work or separate reports for the contractor and for each subcontract shall be submitted.

VII. SUBLETTING OR ASSIGNING THE CONTRACT

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 State. 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).
a. "Its own organization" shall be construed to include only workers employed and paid directly 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, assignee, or agent of the prime contractor.

b. "Specialty 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 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 VII 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 superintendent 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 SHA 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 SHA contracting officer, or authorized representative, and such consent when 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 SHA has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

VIII. SAFETY: ACCIDENT PREVENTION

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 SHA 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. 333).
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. 333).

IX. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

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, the following notice 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:

NOTICE TO ALL PERSONNEL ENGAGED ON FEDERAL-AID HIGHWAY PROJECTS

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 not more that $10,000 or imprisoned not more than 5 years or both."
X. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

(Applicable to all Federal-aid construction contracts and to all related subcontracts of $100,000 or more.)

By submission of this bid or the execution of this contract, or subcontract, as appropriate, the bidder, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any facility that is or will be utilized in the performance of this contract, unless such contract is exempt under the Clean Air Act, as amended (42 U.S.C. 1857 et seq., as amended by Pub.L. 91-504), and under the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et seq., as amended by Pub.L. 92-500), Executive Order 11738, and regulations in implementation thereof (40 CFR 15) is not listed, on the date of contract award, on the U.S. Environmental Protection Agency (EPA) List of Violating Facilities pursuant to 40 CFR 15.20.

2. That the firm agrees to comply and remain in compliance with all the requirements of Section 114 of the Clean Air Act and Section 308 of the Federal Water Pollution Control Act and all regulations and guidelines listed thereunder.

3. That the firm shall promptly notify the SHA of the receipt of any communication from the Director, Office of Federal Activities, EPA, indicating that a facility that is or will be utilized for the contract is under consideration to be listed on the EPA List of Violating Facilities.

4. That the firm agrees to include or cause to be included the requirements of paragraph 1 through 4 of this Section X in every nonexempt subcontract, and further agrees to take such action as the government may direct as a means of enforcing such requirements.

XI. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

1. Instructions for Certification - Primary Covered Transactions:

(Applicable to all Federal-aid contracts - 49 CFR 29)

a. By signing and submitting this proposal, the prospective primary 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 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 primary 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 department or agency determined to enter into this transaction. If it is later determined that the prospective primary participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause of default.

d. The prospective primary participant shall provide immediate written notice to the department or agency to whom this proposal is submitted if any time the prospective primary 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," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the department or agency to which this proposal is submitted for assistance in obtaining a copy of those regulations.

f. The prospective primary 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 primary 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 Transaction," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.

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 may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the nonprocurement portion of the "Lists of Parties Excluded From Federal Procurement or Nonprocurement Programs" (Nonprocurement List) which is compiled by the General Services Administration.

i. 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.
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.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Primary Covered Transactions

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:

   a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;

   b. Have not within a 3-year period preceding this proposal been convicted of or had a civil judgement 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;

   c. 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 1b of this certification; and

   d. Have not within a 3-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

2. Where the prospective primary 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 Covered Transactions:

   (Applicable to all subcontracts, purchase orders and other lower tier transactions of $25,000 or more - 49 CFR 29)

   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," "primary covered transaction," "participant," "person," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations.

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.

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 may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List.

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 Covered Transactions:

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 participation in this transaction 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.

XII. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

(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 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 recipients shall certify and disclose accordingly.
ATTACHMENT A - EMPLOYMENT PREFERENCE FOR APPALACHIAN CONTRACTS
(Applicable to Appalachian contracts only.)

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 he 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, he 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 1 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 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.
AMENDMENT
REQUIRED CONTRACT PROVISIONS
FEDERAL-AID CONSTRUCTION CONTRACTS
(Exclusive of Appalachian Contracts)

Section I, General, is supplemented with the following:

7. Section 902 of the American Recovery and Reinvestment Act (ARRA) of 2009 requires that each contract awarded using ARRA funds must include a provision that provides the U.S. Comptroller General and his representatives with the authority to:

"(1) to examine any records of the contractor or any of its subcontractors, or any State or local agency administering such contract, that directly pertain to, and involve transactions relating to, the contract or subcontract; and

(2) to interview any officer or employee of the contractor or any of its subcontractors, or of any State or local government agency administering the contract, regarding such transactions."

The Contractor shall include the following provision in all contracts, subcontracts, and other contracts for services for an ARRA funded project:

"Accordingly, the Comptroller General and his representatives shall have the authority and rights as provided under Section 902 of the ARRA with respect to this contract, which is funded with funds made available under the ARRA. Section 902 further states that nothing in this section shall be interpreted to limit or restrict in any way any existing authority of the Comptroller General."

"Section 1515(a) of the ARRA provides authority for any representatives of the Inspector General to examine any records or interview any employee or officers working on this contract. The contractor is advised that representatives of the inspector general have the authority to examine any record and interview any employee or officer of the contractor, its subcontractors or other firms working on this contract. Section 1515(b) further provides that nothing in this section shall be interpreted to limit or restrict in any way any existing authority of an inspector general."

Under Section II, Paragraph 8b is revised as follows:

The reference to 49 CFR 23 is revised to read 49 CFR 26.

Under Section II, Paragraph 8b is supplemented with the following:

The contractor, sub-recipient 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 26 in the award and administration of USDOT-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 recipient deems appropriate.

Amendment to Form FHWA 1273
Revised March 26, 2009
Under Section II, in accordance with standard specification 1-08.1(1) and applicable RCWs a new paragraph 8d is added as follows:

The contractor or subcontractor agrees to pay each subcontractor under this prime contract for satisfactory performance of its contract and/or agreement no later than ten (10) days from the receipt of each payment the prime contractor receives from WSDOT or its sub-recipient. The prime contractor agrees further to return retainage payments to each subcontractor within ten (10) days after the subcontractor’s work is satisfactorily completed. Any delay or postponement of payment from the above referenced time frame may occur only for good cause following written approval of the WSDOT. This clause covers both DBE and non-DBE contractors.

Under Section IV, the applicability statement is supplemented with the following:

(Applicable to all ARRA funded construction contracts and related subcontracts regardless of location, including projects on local roads or rural minor collectors, and Transportation Enhancement projects outside the highway right-of-way.)

Under Section IV, Paragraph 2b(4) is deleted.

Under Section IV, Paragraph 4, "and helpers" is deleted from the title.

Under Section IV, Paragraph 4a(1), add:

The provisions in this section allowing apprentices to work at less than the predetermined rate when they are registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, or with the Bureau of Apprenticeship and Training, does not preclude a requirement for the Contractor to pay apprentices the full applicable predetermined rate in the event a State Apprenticeship Agency, recognized by the Bureau, has not approved, or withdraws approval, of an apprenticeship program.

Under Section IV, Paragraph 4c is deleted.

Under Section IV, Paragraph 6 is revised by deleting "helpers" and "helper".

Under Section IV, Paragraph 7 is revised by deleting "helpers".

Under Section V, the applicability statement is supplemented with the following:

(Applicable to all ARRA funded construction contracts and related subcontracts regardless of location, including projects on local roads or rural minor collectors, and Transportation Enhancement projects outside the highway right-of-way.)

Under Section V, Paragraph 2a is revised by deleting "helpers".

Amendment to Form FHWA 1273
Revised March 26, 2009
Under Section V, Paragraph 2b, the first sentence is revised to read:

"The payroll records shall contain the name and an individually identifying number (e.g., the last four digits of the employees social security number) for each such employee; his or her correct classification; hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalent thereof the types described in Section 1(b)(2)(B) of the Davis Bacon Act); daily and weekly number of hours worked; deductions made; and actual wages paid. Payrolls shall not include the full social security number and home address of covered workers. Contractors and subcontractors shall maintain the full social security number and home address of each covered worker and shall provide them to the SHA upon request."

Under Section V, Paragraph 2d(2) is revised by deleting "helper".

Section VI, Records Of Material, Supplies, And Labor, is deleted.
Prevailing Wage Rates
### Washington State Prevailing Wage Rates For Public Works Contracts

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.

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**YAKIMA COUNTY**

**EFFECTIVE 03-04-2009**

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## YAKIMA COUNTY

**EFFECTIVE 03-04-2009**

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## YAKIMA COUNTY
### EFFECTIVE 03-04-2009

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<th>Holiday Code</th>
<th>Note</th>
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### POWER EQUIPMENT OPERATORS- UNDERGROUND SEWER & WATER
(SEE POWER EQUIPMENT OPERATORS)

**POWER LINE CLEARANCE TREE TRIMMERS**
- JOURNEY LEVEL IN CHARGE: $39.29, 4A, 5A
- SPRAY PERSON: $37.21, 4A, 5A
- TREE EQUIPMENT OPERATOR: $37.81, 4A, 5A
- TREE TRIMMER: $35.18, 4A, 5A
- TREE TRIMMER GROUNDPERSON: $26.55, 4A, 5A

### REFRIGERATION & AIR CONDITIONING MECHANICS
- MECHANIC: $57.74, 1Q, 5A

### RESIDENTIAL BRICK & MARBLE MASONS
- JOURNEY LEVEL: $29.00, 1

### RESIDENTIAL CARPENTERS
- JOURNEY LEVEL: $14.58, 1

### RESIDENTIAL CEMENT MASONS
- JOURNEY LEVEL: $11.86, 1

### RESIDENTIAL DRYWALL TAPERS
- JOURNEY LEVEL: $19.08, 1

### RESIDENTIAL ELECTRICIANS
- JOURNEY LEVEL: $21.98, 1

### RESIDENTIAL GLAZIERS
- JOURNEY LEVEL: $22.43, 1B, 6I
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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.

   A. ALL HOURS WORKED ON SATURDAYS, SUNDAYS AND HOLIDAYS SHALL ALSO 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 WORKED SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.

   D. THE FIRST TWO (2) HOURS BEFORE OR AFTER A FIVE - EIGHT (8) HOUR WORKWEEK DAY OR A FOUR - TEN (10) HOUR WORKWEEK DAY AND THE FIRST EIGHT (8) HOURS WORKED THE NEXT DAY AFTER EITHER WORKWEEK 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 BE PAID AT 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.

   O. 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.

   P. 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.
1. **Q.** 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.

**R.** All hours worked on Sundays and holidays shall be paid at two times the hourly rate of wage.

**S.** 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 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.

**T.** 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 (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.

**U.** 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.

**V.** All hours worked on Saturdays, 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.

**W.** 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.

**X.** 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, Sundays and holidays shall be paid at double the hourly rate of wage. When holiday falls on Saturday or Sunday, the day before Saturday, Friday, and the day after Sunday, Monday, shall be considered the holiday and all work performed shall be paid at double the hourly rate of wage.

**Y.** 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-time rate 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.

**Z.** 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.

**A.** The first six (6) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of six (6) hours on Saturday and all hours worked on Sundays and holidays shall be paid at two 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.
D. ALL HOURS WORKED ON SATURDAYS AND SUNDAYS SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. THE FIRST EIGHT (8) HOURS WORKED ON HOLIDAYS SHALL BE PAID AT STRAIGHT TIME IN ADDITION TO THE HOLIDAY PAY. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS ON HOLIDAYS SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

E. ALL HOURS WORKED ON SATURDAYS OR HOLIDAYS (EXCEPT LABOR DAY) SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON SUNDAYS OR ON LABOR DAY 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 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.

I. ALL HOURS WORKED ON SATURDAYS AND HOLIDAYS (EXCEPT LABOR DAY) SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED ON SUNDAYS AND ON LABOR DAY SHALL BE PAID AT TWO TIMES THE HOURLY RATE OF WAGE.

J. ALL HOURS WORKED ON SUNDAYS 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 THE HOLIDAY PAY. ALL HOURS WORKED ON UNPAID HOLIDAYS SHALL BE PAID AT TWO 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.

L. ALL HOURS WORKED ON SATURDAYS (OR ON THE REGULAR DAY OFF DURING A WORK WEEK OTHER THAN MONDAY THROUGH FRIDAY) AND HOLIDAYS SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE, EXCEPT LABOR DAY WHICH SHALL BE PAID AT DOUBLE THE HOURLY RATE. ALL HOURS WORKED MONDAY THROUGH SATURDAY OVER TWELVE (12) HOURS AND ALL HOURS WORKED ON SUNDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.

M. ALL HOURS WORKED ON SATURDAYS, SUNDAYS AND HOLIDAYS SHALL BE PAID AT DOUBLE THE HOURLY RATE OF WAGE.

O. ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

P. THE FIRST EIGHT (8) HOURS ON SATURDAY SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS ON SATURDAY AND ALL HOURS WORKED ON SUNDAYS AND HOLIDAYS SHALL BE PAID AT TWO TIMES THE HOURLY RATE OF WAGE.

Q. ALL HOURS WORKED ON LABOR DAY SHALL BE PAID AT DOUBLE 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.

S. 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, EXCEPT THE DAY AFTER THANKSGIVING, THE DAY AFTER CHRISTMAS AND A FLOATING HOLIDAY, WHICH SHALL BE PAID AT THE STRAIGHT TIME RATE IF WORKED, IN ADDITION TO HOLIDAY PAY.

4A. 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.

**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).

E. HOLIDAYS: NEW YEAR'S DAY, PRESIDENTS' DAY, MEMORIAL DAY, INDEPENDENCE DAY, PRESIDENTIAL ELECTION DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, AND CHRISTMAS DAY (8).


G. HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE LAST WORK DAY BEFORE CHRISTMAS DAY, AND CHRISTMAS DAY (7).


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, CHRISTMAS EVE DAY, AND CHRISTMAS DAY (7).

K. HOLIDAYS: NEW YEAR'S DAY, PRESIDENTS' DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE DAY BEFORE CHRISTMAS, AND CHRISTMAS DAY (9).

L. 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).

M. HOLIDAYS: NEW YEAR'S DAY, MARTIN LUTHER KING JR. DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE DAY BEFORE CHRISTMAS AND CHRISTMAS DAY (9).

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, CHRISTMAS DAY, THE DAY BEFORE CHRISTMAS, AND CHRISTMAS DAY (9). IF A HOLIDAY FALLS ON SUNDAY, THE FOLLOWING MONDAY SHALL BE CONSIDERED AS A HOLIDAY.

Q. PAID HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, AND CHRISTMAS DAY (6).

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).

U. PAID HOLIDAYS: NEW YEAR'S DAY, MARTIN LUTHER KING JR. DAY, PRESIDENTS' DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, AND CHRISTMAS DAY (8).

V. PAID HOLIDAYS: SIX (6) PAID HOLIDAYS.

W. PAID HOLIDAYS: NINE (9) PAID HOLIDAYS.

X. HOLIDAYS: AFTER 520 HOURS - NEW YEAR'S DAY, THANKSGIVING DAY AND CHRISTMAS DAY. AFTER 2080 HOURS - NEW YEAR'S DAY, WASHINGTON'S BIRTHDAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, CHRISTMAS DAY AND A FLOATING HOLIDAY (8).
Y. HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, PRESIDENTIAL ELECTION DAY, THANKSGIVING DAY, THE FRIDAY FOLLOWING THANKSGIVING DAY, AND CHRISTMAS DAY (8).

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).


B. PAID HOLIDAYS: NEW YEAR'S EVE DAY, NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, THE FRIDAY AFTER THANKSGIVING DAY, CHRISTMAS EVE'S DAY, AND CHRISTMAS DAY (9).


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. (9/12).


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).


L. 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)

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, CHRISTMAS DAY, AND CHRISTMAS DAY (9).


V. PAID HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, DAY AFTER THANKSGIVING DAY, CHRISTMAS EVE DAY, CHRISTMAS DAY, AND ONE DAY OF THE EMPLOYEE'S CHOICE (9).

W. PAID HOLIDAYS: NEW YEAR'S DAY, DAY BEFORE NEW YEAR'S DAY, PRESIDENTS DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, DAY AFTER THANKSGIVING DAY, CHRISTMAS DAY, DAY BEFORE OR AFTER CHRISTMAS DAY (10).

X. 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, DAY BEFORE OR AFTER CHRISTMAS DAY, EMPLOYEE'S BIRTHDAY (11).

Y. PAID HOLIDAYS: NEW YEAR'S DAY, PRESIDENTS' DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, FRIDAY AFTER THANKSGIVING DAY, CHRISTMAS DAY, AND A FLOATING HOLIDAY (9).

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.
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.
WSDOT's
Predetermined List for
Suppliers - Manufactures - Fabricator

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>
<td></td>
<td>X</td>
</tr>
<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
</tr>
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<td>---------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>8. Anchor Bolts &amp; Nuts - Anchor Bolts and Nuts, for mounting sign structures,</td>
<td></td>
<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>
<td></td>
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<tr>
<td>9. Aluminum Pedestrian Handrail - Pedestrian handrail conforming to the type</td>
<td></td>
<td>X</td>
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<tr>
<td>and material specifications set forth in the contract plans. Welding of</td>
<td></td>
<td></td>
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<tr>
<td>aluminum shall be in accordance with Section 9-28.14(3).</td>
<td></td>
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<tr>
<td>10. Major Structural Steel Fabrication - Fabrication of major steel items</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>such as trusses, beams, girders, etc., for bridges.</td>
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<td></td>
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<tr>
<td>11. Minor Structural Steel Fabrication - Fabrication of minor steel items</td>
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<td>X</td>
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<tr>
<td>such as special hangers, brackets, access doors for structures, access</td>
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<td></td>
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<tr>
<td>ladders for irrigation boxes, bridge expansion joint systems, etc., involving</td>
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<tr>
<td>welding, cutting, punching and/or boring of holes. See Contact Plans for item</td>
<td></td>
<td></td>
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<tr>
<td>description and shop drawings.</td>
<td></td>
<td></td>
</tr>
<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>
</tr>
<tr>
<td>13. Concrete Piling - Precast-Prestressed concrete piling for use as 55 and</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>70 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>
</tr>
<tr>
<td>16. Precast Catch Basin - Catch Basin type 1, 1L, 1P, and 2 With adjustment</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>sections. See Std. Plans.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
</tr>
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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>
</tr>
<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>27. Precast Railroad Crossings - Concrete Crossing Structure Slabs.</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>28. 12, 18 and 26 inch Standard Precast Prestressed Girder – Standard Precast</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Prestressed Girder for use in structures. Fabricator plant has annual approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>of methods and materials to be used. Shop Drawing to be provided for approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>prior to casting girders. See Std. Spec. Section 6-02.3(25)A.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>29. Prestressed Concrete Girder Series 4-14 - Prestressed Concrete Girder for</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>use in structures. Fabricator plant has annual approval of methods and materials</td>
<td></td>
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<tr>
<td>to be 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>30. Prestressed Tri-Beam Girder - Prestressed Tri-Beam Girders for use in</td>
<td>X</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>
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<tr>
<td>See Std. Spec. Section 6-02.3(25)A.</td>
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<tr>
<td>31. Prestressed Precast Hollow-Core Slab - Precast Prestressed Hollow-core slab</td>
<td>X</td>
<td></td>
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<tr>
<td>for use in structures. Fabricator plant has annual approval of methods and</td>
<td></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>32. Prestressed-Bulb Tee Girder - Bulb Tee Prestressed Girder for use in</td>
<td>X</td>
<td></td>
</tr>
<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>
<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>
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<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>---------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>34. Cantilever Sign Structure - Cantilever Sign Structure</td>
<td></td>
<td>X</td>
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<tr>
<td>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>
<td></td>
</tr>
<tr>
<td>35. Mono-tube Sign Structures - Mono-tube Sign Bridge</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>fabricated to details shown in the Plans. Shop drawings for approval are required prior to fabrication.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>36. 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>X</td>
<td></td>
</tr>
<tr>
<td>37. 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>
<td>X</td>
</tr>
<tr>
<td>38. Light Standard-Prestressed - Spun, prestressed, hollow concrete poles.</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>39. 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>X</td>
<td></td>
</tr>
<tr>
<td>40. 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>X</td>
<td></td>
</tr>
<tr>
<td>41. Precast Concrete Sloped Mountable Curb (Single and DualFaced) See Std. Plans.</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>
<td>42. Traffic Signs - Prior to approval of a Fabricator of Traffic Signs, the sources of the following materials must be submitted and approved for reflective sheeling, legend material, and aluminum sheeling. NOTE: *** Fabrication inspection required. Only signs tagged &quot;Fabrication Approved&quot; by WSDOT Sign Fabrication Inspector to be installed</td>
<td>X</td>
<td>X</td>
</tr>
<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>46. Asphalt</td>
<td></td>
<td></td>
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<tr>
<td>47. Fiber fabrics</td>
<td></td>
<td>X</td>
</tr>
<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>
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<tr>
<td>52. Irrigation components</td>
<td></td>
<td>X</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>53. Fencing materials</td>
<td></td>
<td>X</td>
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<tr>
<td>54. Guide Posts</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>55. Traffic Buttons</td>
<td>X</td>
<td></td>
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<tr>
<td>56. Epoxy</td>
<td>X</td>
<td></td>
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<tr>
<td>57. Cribbing</td>
<td>X</td>
<td></td>
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<tr>
<td>58. Water distribution materials</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>59. Steel &quot;H&quot; piles</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>60. Steel pipe for concrete pile casings</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>61. Steel pile tips, standard</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>62. Steel pile tips, custom</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>
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 03/04/2009  
*******************************************************************************  
(See Benefit Code Key)  
<table>
<thead>
<tr>
<th>Classification Code</th>
<th>Prevailing Wage</th>
<th>Overtime Code</th>
<th>Holiday Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>FITTER/WELDER</td>
<td>$12.76</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>LABORER</td>
<td>$8.55</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>MACHINE OPERATOR</td>
<td>$12.66</td>
<td>1</td>
<td></td>
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<tr>
<td>PAINTER</td>
<td>$10.20</td>
<td>1</td>
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<tr>
<td>Counties Covered:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADAMS, ASOTIN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, KITTITAS LINCOLN, OKANOGAN, PEND OREILLE, STEVENS, WALLA WALLA AND WHITMAN</td>
<td></td>
<td></td>
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<tr>
<td>MACHINE OPERATOR</td>
<td>$10.53</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>PAINTER</td>
<td>$9.76</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>WELDER</td>
<td>$10.70</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Counties Covered:</td>
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</tr>
<tr>
<td>BENTON</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FITTER</td>
<td>$15.04</td>
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Supplemental to Wage Rates
## METAL FABRICATION (IN SHOP)
**EFFECTIVE 03/04/2009**

(See Benefit Code Key)

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<th>Holiday Code</th>
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**Counties Covered:**
- **CLARK**
- **GOWLITZ**
  - MACHINE OPERATOR: $24.65 1B 6V
  - FITTER: $24.65 1B 6V
  - WELDER: $24.65 1B 6V

**Counties Covered:**
- **GRANT**
  - FITTER/WELDER: $10.79 1
  - PAINTER: $8.55 1

**Counties Covered:**
- **KING**
  - FITTER: $15.88 1
  - LABORER: $9.78 1
  - MACHINE OPERATOR: $13.04 1
  - PAINTER: $11.10 1
  - WELDER: 15.48

**Counties Covered:**
- **KITSAP**
  - FITTER: $26.96 1
  - LABORER: $8.55 1
  - MACHINE OPERATOR: $13.83 1
  - WELDER: $13.83 1

---

Supplemental to Wage Rates
# METAL FABRICATION (IN SHOP)
**EFFECTIVE 03/04/2009**

(See Benefit Code Key)

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<th>Holiday Code</th>
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## Counties Covered:
**KLICKITAT, SKAMANIA, WAHGAKUM**

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## Counties Covered:
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## Counties Covered:
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# METAL FABRICATION (IN SHOP)
**EFFECTIVE 03/04/2009**

(See Benefit Code Key)

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**Counties Covered:**

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**Counties Covered:**

**WHATCOM**

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<td>PAINTER</td>
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<td>DOUGLAS, FERRY,</td>
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| ALL CLASSIFICATIONS | 8.61            | 1             |              |
| Counties Covered:   |                 |               |              |
| CHELAN, KITTITAS,   |                 |               |              |
| KLICKITAT AND SKAMANIA |           |               |              |

| ALL CLASSIFICATIONS | $13.50          | 1             |              |
| Counties Covered:   |                 |               |              |
| CLALLAM, CLARK,     |                 |               |              |
| COWLITZ, GRAYS      |                 |               |              |
| HARBOR, ISLAND,     |                 |               |              |
| JEFFERSON, KITSAP,  |                 |               |              |
| LEWIS, MASON, PACIFIC, |          |               |              |
| SAN JUAN, SKAGIT,   |                 |               |              |
| SNOHOMISH, THURSTON |                 |               |              |
| AND WAHIAKUM        |                 |               |              |

| ALL CLASSIFICATIONS | $11.50          | 1             |              |
| Counties Covered:   |                 |               |              |
| FAYETTE COUNTY      |                 |               |              |

| ALL CLASSIFICATIONS | $13.60          | 2K            | 5B           |
| Counties Covered:   |                 |               |              |
| BSDORF             |                 |               |              |

| ALL CLASSIFICATIONS | $9.28           | 1             |              |
| Counties Covered:   |                 |               |              |
| FAYETTE COUNTY      |                 |               |              |

| ALL CLASSIFICATIONS | $20.23          | 1             |              |
| Counties Covered:   |                 |               |              |
| WHATCOM             |                 |               |              |

| ALL CLASSIFICATIONS | $13.67          | 1             |              |
| Counties Covered:   |                 |               |              |
| YAKIMA              |                 |               |              |

| CRAFTSMAN           | $8.72           | 1             |              |
| LABORER             | $8.55           | 1             |              |

Supplemental to Wage Rates
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.
Washington State Department of Labor and Industries
Policy Statements
(Regarding Production and Delivery of Gravel, Concrete, Asphalt, etc.)

WAC 296-127-018 Agency filings affecting this section

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 material 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.]
General Decision Number: WA080001 03/20/2009 WA1
Superseded General Decision Number: WA20070001
State: Washington
Construction Types: Heavy (Heavy and Dredging) and Highway
Counties: Washington Statewide.

HEAVY AND HIGHWAY AND DREDGING CONSTRUCTION PROJECTS (Excludes D.O.E. Hanford Site in Benton and Franklin Counties)

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CARP00001-008 06/01/2007

Carpenters:
COLUMBIA RIVER AREA - ADAMS, BENTON, COLUMBIA, DOUGLAS (EAST OF THE 120™ MERIDIAN), FERRY, FRANKLIN, GRANT, OKANOGAN (EAST OF THE 120™ MERIDIAN) AND WALLA WALLA COUNTIES

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WA080001 Modification 25
Federal Wage Determination
SPOKANE AREA:
ASOTIN, ARFIELD, LINCOLN, PEND OREILLE, SPOKANE, STEVENS
AND WHITMAN COUNTIES
GROUP 1: $ 25.01 9.30
GROUP 2: $ 26.51 9.30
GROUP 3: $ 25.27 9.30
GROUP 4: $ 25.01 9.30
GROUP 5: $ 58.04 9.30
GROUP 6: $ 28.02 9.30
GROUP 7: $ 29.02 9.30
GROUP 8: $ 26.27 9.30
GROUP 9: $ 32.02 9.30

CARPENTER & DIVER CLASSIFICATIONS:

GROUP 1: Carpenter; Burner-Welder; Rigger and Signaler;
Insulators (all types), Acoustical, Drywall and Metal
Studs, Metal Panels and Partitions; Floor Layer, Sander,
Finisher and Astro Turf; Layout Carpenters; Form Builder;
Rough Framer; Outside or Inside Finisher, including doors,
windows, and jams; Sawfiler; Shingler (wood, composition)
Solar, Fiberglass, Aluminum or Metal; Scaffold Erecting and
Dismantling; Stationary Saw-Off Bearer; Wire, Wood and
Metal Lather Applicator

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, dock and wharf 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/MILLWORKS: PASCO (2819 W. SYLVESTER) or Main
Post Office of established residence of employee (Whichever
is closest to the worksite).
CARPENTERS/PILEDRIVER: 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).

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

ZONE 1:

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARPENTERS; ACOUSTICAL............$ 27.56</td>
<td>13.30</td>
</tr>
<tr>
<td>DIVERS TENDERS..................$ 30.28</td>
<td>13.30</td>
</tr>
<tr>
<td>DIVERS..........................$ 68.84</td>
<td>13.30</td>
</tr>
<tr>
<td>DRYWALL.........................$ 27.56</td>
<td>13.30</td>
</tr>
<tr>
<td>FLOOR LAYERS &amp; FLOOR FINISHERS (the laying of all hardwood floors nailed and mastic set, parquet and wood-type tiles, and block floors, the sanding and finishing of floors, the preparation of old and new floors when the materials mentioned above are to be installed); INSULATORS (fiberglass and similar irritating materials)...............$ 27.71</td>
<td>13.30</td>
</tr>
<tr>
<td>MILLWRIGHTS.....................$ 28.04</td>
<td>13.30</td>
</tr>
<tr>
<td>PILEDRIVERS....................$ 28.04</td>
<td>13.30</td>
</tr>
</tbody>
</table>

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  

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>$23.25</td>
<td>10.85</td>
</tr>
<tr>
<td>$32.49</td>
<td>10.85</td>
</tr>
<tr>
<td>$23.25</td>
<td>10.85</td>
</tr>
<tr>
<td>$33.29</td>
<td>10.93</td>
</tr>
<tr>
<td>$74.82</td>
<td>10.93</td>
</tr>
<tr>
<td>$23.25</td>
<td>10.85</td>
</tr>
<tr>
<td>$33.49</td>
<td>10.85</td>
</tr>
<tr>
<td>$32.69</td>
<td>10.85</td>
</tr>
<tr>
<td>$23.25</td>
<td>10.85</td>
</tr>
</tbody>
</table>

Carpenters:
CENTRAL WASHINGTON:
CHELAN, DOUGLAS (WEST OF  
THE 120TH MERIDIAN),  
KITTITAS, OKANOGAN (WEST  
OF THE 120TH MERIDIAN) AND  
YAKIMA COUNTIES  
ACCOUSTICAL WORKERS.......$ 23.25 | 10.85 |
BRIDGE, DOCK AND WHarf  
CARPENTERS AND HEavy &  
HIGHWAY....................$ 32.49 | 10.85 |
CARPENTERS AND DRYWALL  
APPLICATORS................$ 23.25 | 10.85 |
CARPENTERS ON CREOSOTE  
MATERIAL....................$ 23.25 | 10.85 |
DIVERS TENDER................$ 33.29 | 10.93 |
DIVERS......................$ 74.82 | 10.93 |
INSULATION APPLICATORS.....$ 23.25 | 10.85 |
MILLWRIGHT AND MACHINE  
ERECTORS....................$ 33.49 | 10.85 |
PILEDRIVER, DRIVING,  
PULLING, CUTTING, PLACING  
COLLARS, SETTING, WELDING  
OR CREOSOTE TREATED  
MATERIAL, ALL PILING.......$ 32.69 | 10.85 |
SAWFILERS, STATIONARY  
POWER SAW OPERATORS,  
FLOOR FINISHER, FLOOR  
LAYER, SHINGLER, FLOOR  
SANDER OPERATOR AND  
OPERATORS OF OTHER  
STATIONARY WOOD WORKING  
TOOLS........................$ 23.25 | 10.85 |
(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 
Auburn 
Renton 
Aberdeen-Hoquiam 
Ellensburg 
Centralia 
Chelan

Olympia 
Bremerton 
Shelton 
Tacoma 
Everett 
Mount Vernon 
Pt. Townsend

Bellingham 
Anacortes 
Yakima 
Wenatchee 
Port Angeles 
Sunnyside

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
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, SNOHOMISH, THURSTON AND
WHATCOM COUNTIES

<table>
<thead>
<tr>
<th>Description</th>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACOUSTICAL WORKERS</td>
<td>$32.62</td>
<td>11.26</td>
</tr>
<tr>
<td>BRIDGE, DOCK &amp; WHARF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CARPENTERS</td>
<td>$32.49</td>
<td>11.26</td>
</tr>
<tr>
<td>CARPENTERS AND DRYWALL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>APPLICATORS</td>
<td>$32.49</td>
<td>11.26</td>
</tr>
<tr>
<td>CARPENTERS ON CREOSOTE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL</td>
<td>$32.59</td>
<td>11.26</td>
</tr>
<tr>
<td>DIVERS TENDER</td>
<td>$33.29</td>
<td>10.93</td>
</tr>
<tr>
<td>DIVERS</td>
<td>$74.82</td>
<td>10.93</td>
</tr>
<tr>
<td>INSULATION APPLICATORS</td>
<td>$32.49</td>
<td>11.26</td>
</tr>
<tr>
<td>MILLWRIGHT AND MACHINE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ERECTORS</td>
<td>$33.49</td>
<td>11.26</td>
</tr>
<tr>
<td>PILEDRIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CREOSOTE TREATED MATERIAL, ALL PILING</td>
<td>$32.69</td>
<td>11.26</td>
</tr>
<tr>
<td>SAWFILERS, STATIONARY POWER SAW OPERATORS, FLOOR FINISHER, FLOOR LAYER, SHINGLER, FLOOR SANDER OPERATOR AND OPERATORS OF OTHER STATIONARY WOOD WORKING TOOLS</td>
<td>$32.62</td>
<td>11.26</td>
</tr>
</tbody>
</table>

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - ALL CLASSIFICATIONS EXCEPT MILLWRIGHTS AND PILEDIVERS)

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
- Auburn
- Renton
- Aberdeen-Hoquiam
- Ellensburg
- Centralia
- Chelan
- Olympia
- Bremerton
- Shelton
- Tacoma
- Everett
- Mount Vernon
- Bellingham
- Anacortes
- Yakima
- Wenatchee
- Port Angeles
- Sunnyside
- Pt. Townsend

WA080001 Modification 25
Federal Wage Determination
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

ELEC0046-001 07/02/2007

CALLAM, JEFFERSON, KING AND KITSAP COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CABLE SPLICER...$ 40.62</td>
<td>3%+13.21</td>
</tr>
<tr>
<td>ELECTRICIAN...$ 36.93</td>
<td>3%+13.21</td>
</tr>
</tbody>
</table>

* ELEC0048-003 01/01/2009

CLARK, KLICKITAT AND SKAMANIA COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
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</thead>
<tbody>
<tr>
<td>CABLE SPLICER...$ 34.40</td>
<td>3%+$14.85</td>
</tr>
<tr>
<td>ELECTRICIAN...$ 35.65</td>
<td>3%+$15.35</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 Delorme Street Atlas USA 2006 plus.
ADAMS, FERRY, LINCOLN, PEND OREILLE, SPOKANE, STEVENS, WHITMAN COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CABLE SPLICER</td>
<td>$ 28.22</td>
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<tr>
<td>ELECTRICIAN</td>
<td>$ 27.82</td>
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ELEC0076-002 03/01/2007

GRAYS HARBOR, LEWIS, MASON, PACIFIC, FIERCE, AND THURSTON COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
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<tbody>
<tr>
<td>CABLE SPLICER</td>
<td>$ 36.31</td>
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<tr>
<td>ELECTRICIAN</td>
<td>$ 32.71</td>
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ELEC0077-002 02/01/2007

<table>
<thead>
<tr>
<th>Rates</th>
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<tbody>
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<td>Line Construction:</td>
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<tr>
<td>CABLE SPLICERS</td>
<td>$ 42.09</td>
</tr>
<tr>
<td>GROUNDEN</td>
<td>$ 26.31</td>
</tr>
<tr>
<td>LINE EQUIPMENT MEN</td>
<td>$ 32.32</td>
</tr>
<tr>
<td>LINEMEN, POLE SPRAYERS,</td>
<td></td>
</tr>
<tr>
<td>HEAVY LINE EQUIPMENT MAN</td>
<td>$ 37.58</td>
</tr>
<tr>
<td>POWDERMEN, JACKHAMMERMEN</td>
<td>$ 28.19</td>
</tr>
<tr>
<td>TREE TRIMMER</td>
<td>$ 22.65</td>
</tr>
</tbody>
</table>

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ELEC0112-005 12/01/2008

ASOTIN, BENTON, COLUMBIA, FRANKLIN, GARFIELD, KITITAS, WALLA WALLA, YAKIMA COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
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</thead>
<tbody>
<tr>
<td>CABLE SPLICER</td>
<td>$ 35.39</td>
</tr>
<tr>
<td>ELECTRICIAN</td>
<td>$ 33.70</td>
</tr>
</tbody>
</table>

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ELEC0191-003 03/01/2008

ISLAND, SAN JUAN, SNOHOMISH, SKAGIT AND WHATCOM COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
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</thead>
<tbody>
<tr>
<td>CABLE SPLICER</td>
<td>$ 36.86</td>
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<tr>
<td>ELECTRICIAN</td>
<td>$ 33.51</td>
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WA080001 Modification 25
Federal Wage Determination
ELEC0191-004 03/01/2008

CHELAN, DOUGLAS, GRANT AND OKANOGAN COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
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</thead>
<tbody>
<tr>
<td>CABLE SPLICER</td>
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<tr>
<td>ELECTRICIAN</td>
<td>$29.51</td>
</tr>
</tbody>
</table>

ELEC0970-001 01/01/2009

COWLITZ AND WAHKIAKUM COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
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</thead>
<tbody>
<tr>
<td>CABLE SPLICER</td>
<td>$34.68</td>
</tr>
<tr>
<td>ELECTRICIAN</td>
<td>$31.53</td>
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</tbody>
</table>

ENGI0302-003 06/01/2008

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>
</tr>
</thead>
<tbody>
<tr>
<td>Power equipment operators:</td>
<td></td>
</tr>
<tr>
<td>Group 1A</td>
<td>$34.51</td>
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<tr>
<td>Group 1AA</td>
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</tr>
<tr>
<td>Group 1AAA</td>
<td>$35.64</td>
</tr>
<tr>
<td>Group 1</td>
<td>$33.96</td>
</tr>
<tr>
<td>Group 2</td>
<td>$33.47</td>
</tr>
<tr>
<td>Group 3</td>
<td>$33.05</td>
</tr>
<tr>
<td>Group 4</td>
<td>$30.69</td>
</tr>
</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

WA080001 Modification 25
Federal Wage Determination
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; Transporters, all truck or track type

GROUP 2 - Barrier machine (zipper); Batch Plant Operaor-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; 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 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; Scrappers-concrete and carry-all; Service engine-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.
CHELAN (WEST OF THE 120TH MERIDIAN), CLALLAM, DOUGLAS (WEST OF THE 120TH MERIDIAN), GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, KITITAS, MASON, OKANogan (WEST OF THE 120TH MERIDIAN), SAN JUNA, SKAGIT, SNOHOMISH, WHATCOM AND YAKIMA (WEST OF THE 120TH MERIDIAN) COUNTIES

ON PROJECTS DESCRIBED IN FOOTNOTE A BELOW, THE RATE FOR EACH GROUP SHALL BE 95% OF THE BASE RATE PLUS FULL FRINGE BENEFITS. ON ALL OTHER WORK, THE FOLLOWING RATES APPLY.

WORK PERFORMED ON HYDRAULIC DREDGES:
Zone 1 (0-25 radius miles):

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power equipment operators:</td>
<td></td>
</tr>
<tr>
<td>GROUP 1</td>
<td></td>
</tr>
<tr>
<td>TOTAL PROJECT COST</td>
<td></td>
</tr>
<tr>
<td>$300,000 AND OVER..............$ 31.33  &amp; 12.75</td>
<td></td>
</tr>
<tr>
<td>TOTAL PROJECT COST UNDER</td>
<td></td>
</tr>
<tr>
<td>$300,000.................$ 26.96  &amp; 8.40</td>
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</tr>
<tr>
<td>GROUP 2</td>
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<tr>
<td>TOTAL PROJECT COST</td>
<td></td>
</tr>
<tr>
<td>$300,000 AND OVER..............$ 31.46  &amp; 12.75</td>
<td></td>
</tr>
<tr>
<td>TOTAL PROJECT COST UNDER</td>
<td></td>
</tr>
<tr>
<td>$300,000.................$ 27.06  &amp; 8.40</td>
<td></td>
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</tr>
<tr>
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<td></td>
</tr>
<tr>
<td>$300,000 AND OVER..............$ 31.89  &amp; 12.75</td>
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<td>TOTAL PROJECT COST UNDER</td>
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<td>GROUP 5</td>
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<td>TOTAL PROJECT COST</td>
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<tr>
<td>$300,000 AND OVER..............$ 33.46  &amp; 12.75</td>
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<td>TOTAL PROJECT COST UNDER</td>
<td></td>
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<tr>
<td>$300,000.................$ 28.75  &amp; 8.40</td>
<td></td>
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<td>GROUP 6</td>
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<td>TOTAL PROJECT COST</td>
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<tr>
<td>$300,000 AND OVER..............$ 31.33  &amp; 12.75</td>
<td></td>
</tr>
<tr>
<td>TOTAL PROJECT COST UNDER</td>
<td></td>
</tr>
<tr>
<td>$300,000.................$ 26.96  &amp; 8.40</td>
<td></td>
</tr>
</tbody>
</table>

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

WA080001 Modification 25
Federal Wage Determination
POWER EQUIPMENT OPERATORS CLASSIFICATIONS:

GROUP 1: Assistant Mate (Deckhand
GROUP 2: Oiler
GROUP 3: Assistant Engineer (Electric, Diesel, Steam or Booster Pump); Mates and Boatmen
GROUP 4: Craneman, Engineer Welder
GROUP 5: Leverman, Hydraulic
GROUP 6: Maintenance

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.

Heavy Wage rates (Category A) Applies to clam shell dredge, hoe and dipper, shovels and shovel attachments, cranes and bulldozers.

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.
ENGI0370-002 06/01/2008

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>Power equipment operators:</th>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>GROUP 1A..................</td>
<td>$23.21</td>
<td>9.80</td>
</tr>
<tr>
<td>GROUP 1....................</td>
<td>$23.76</td>
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<td>GROUP 2....................</td>
<td>$24.08</td>
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<td>GROUP 3....................</td>
<td>$24.69</td>
<td>9.80</td>
</tr>
<tr>
<td>GROUP 4....................</td>
<td>$24.85</td>
<td>9.80</td>
</tr>
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<td>GROUP 5....................</td>
<td>$25.01</td>
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<td>GROUP 6....................</td>
<td>$25.29</td>
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<td>GROUP 7....................</td>
<td>$25.56</td>
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</tr>
<tr>
<td>GROUP 8....................</td>
<td>$26.66</td>
<td>9.80</td>
</tr>
</tbody>
</table>

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, Nozzleman; Oiler 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 Oiler-Driver (CLD required) & Cable Tender, Mucking Machine

WA080001 Modification 25
Federal Wage Determination
GROUP 2: A-frame Truck (single drum); Assistant Refrigeration Plant (under 1000 ton); Assistant Plant Operator, Fireman or Pugmiller (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, pumpcrete, 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; Piledriving 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 wire); 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, 384 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 Vactor guzzler, super sucker; Lime Batch Tank Operator (RBcycle 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 and dragline; Derricks & Stiffleys (65 tons & over); Elevating Belt (Holland type); Heavy equipment robotics operator; Loader (360 degrees revolving Kohring 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 (Goldhofer, Shauerly 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.

ENGI0370-006 06/01/2008

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

WORK PERFORMED ON HYDRAULIC DREDGES

<table>
<thead>
<tr>
<th>Hydraulic Dredge</th>
<th>Rates</th>
<th>Fringes</th>
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<tbody>
<tr>
<td>GROUP 1:</td>
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<td>13.53</td>
</tr>
<tr>
<td>GROUP 2:</td>
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<td>13.53</td>
</tr>
<tr>
<td>GROUP 3:</td>
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<td>GROUP 4:</td>
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<td>13.53</td>
</tr>
<tr>
<td>GROUP 7:</td>
<td>$ 32.36</td>
<td>13.53</td>
</tr>
</tbody>
</table>

GROUP 1: Assistant Mate (Deckhand)
GROUP 2: Assistant Engineer (Electric, Diesel, Steam, or Booster Pump)
GROUP 3: Engineer Welder
GROUP 4: Leverman, Hydraulic
GROUP 5: Maintenance
GROUP 6: Oiler
GROUP 7: Mates & Boatman

HEAVY WAGE RATES APPLIES TO CLAM SHELL DREDGE, HOE AND DIPPER, SHOVELS AND SHOVEL ATTACHMENTS, CRANES AND BULLDOZERS.

WA080001 Modification 25
Federal Wage Determination
LEWIS, PIERCE, PACIFIC (THAT PORTION WHICH LIES NORTH OF A PARALLEL LINE EXTENDED WEST FROM THE NORTHERN BOUNDARY OF WAHKAUKUM COUNTY TO THE SEA IN THE STATE OF WASHINGTON) AND THURSTON COUNTIES

PROJECTS:
CATEGORY A PROJECTS (excludes Category B projects, as shown below)

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
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<tbody>
<tr>
<td>$31.33</td>
<td>12.75</td>
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<td>$31.46</td>
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<td>$31.89</td>
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<td>12.75</td>
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<td>$31.33</td>
<td>12.75</td>
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Power equipment operators:
WORK PERFORMED ON HYDRAULIC DREDGES: Total Project cost $300,000 and over

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
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<tbody>
<tr>
<td>$26.96</td>
<td>8.40</td>
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<tr>
<td>$27.38</td>
<td>8.40</td>
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<tr>
<td>$27.43</td>
<td>8.40</td>
</tr>
<tr>
<td>$28.75</td>
<td>8.40</td>
</tr>
<tr>
<td>$26.96</td>
<td>8.40</td>
</tr>
</tbody>
</table>

ZONE 2 (26-45 radius miles) - Add $.70 to Zone 1 rates
ZONE 3 (Over 45 radius miles) - Add $1.00 to Zone 1 rates

BASEPOINTS: Tacoma, Olympia, and Centralia

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 structures 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 (docts, wharfs, etc.) less than $150,000

WORK PERFORMED ON HYDRAULIC DREDGES:

GROUP 1: Assistant Mate (Deckhand
GROUP 2: Oiler

GROUP 3: Assistant Engineer (Electric, Diesel, Steam or
Booster Pump); Mates and Boatmen
GROUP 4: Cranesman, Engineer Welder
GROUP 5: Leverman, Hydraulic
GROUP 6: Maintenance

HEAVY WAGE RATES APPLIES TO CLAM SHEEL DREDGE, HOE AND
DIPPER, SHOVELS AND SHOVEL ATTACHMENTS, CRANES AND
BULLDOZERS

HANDLING OF HAZARDOUS WASTE MATERIALS

H-1 - When not outfitted with protective clothing of level D
   equipment - Base wage rate
H-2 - Class "C" Suit - Base wage rate + $.25 per hour
H-3 - Class "B" Suit - Base wage rate + $.50 per hour
H-4 - Class "A" Suit - Base wage rate +$.75 per hour

------------------------------------------------------------------

ENGI0612-002 06/01/2008

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>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power equipment operators:</td>
<td></td>
</tr>
<tr>
<td>GROUP 1A             $ 34.51</td>
<td>13.95</td>
</tr>
<tr>
<td>GROUP 1AA            $ 35.08</td>
<td>13.95</td>
</tr>
<tr>
<td>GROUP 1AAA           $ 35.65</td>
<td>13.95</td>
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<tr>
<td>GROUP 1               $ 33.96</td>
<td>13.95</td>
</tr>
<tr>
<td>GROUP 2              $ 33.47</td>
<td>13.95</td>
</tr>
<tr>
<td>GROUP 3              $ 33.05</td>
<td>13.95</td>
</tr>
<tr>
<td>GROUP 4              $ 30.69</td>
<td>13.95</td>
</tr>
</tbody>
</table>

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

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; Transporters, all track or truck 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-3 yards and under; Finishing machine, Bidwell, Gamaco and similar equipment; Guardrail punch; 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, 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/guniting 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.

ENGINEERED ENVIRONMENTAL SOLUTIONS:

CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHKIUKUM COUNTIES

POWER EQUIPMENT OPERATORS: ZONE 1

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>GROUP 1.................$ 36.22</td>
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</tr>
<tr>
<td>GROUP 1A................$ 38.03</td>
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<tr>
<td>GROUP 1B................$ 39.84</td>
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<td>GROUP 2..................$ 34.65</td>
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</tr>
<tr>
<td>GROUP 6..................$ 28.82</td>
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</tr>
</tbody>
</table>

WA080001 Modification 25
Federal Wage Determination
Zone Differential (add to Zone 1 rates):
Zone 2 - $2.50
Zone 3 - $5.00

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 projects 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 Canal 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, SKOPER 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: Scrapper Operator, with tandem scrapers; Self-loading, paddle wheel, auger type, finish and/or 2 or more units; SHOVEL, DRAGLINE, CLAMSHELL, SKOPER OPERATOR: Shovel, Dragline, Clamshell operators 3 cu. yds. but less than 5 cu yds.
GROUP 4: ASPHALT: Screed Operator; Asphalt Paver operator (screeman 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-Plow 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 HOES 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; PILEDRIVERS: Hammer
Operator; Piledriver Operator (not crane type); PIPELINE, SEWER WATER: Pipe Cleaning Machine Operator; Pipe Doping Machine Operator; Pipe Bending 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/mechanic; 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-ull 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, ClamsheI, Operator under 300 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 Pactor 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 Grindcr 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: Churum 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 DJSs 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 Oilier; 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 Oilier, 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: Oilier; Fireman, all equipment; Truck Crane Oilier Driver; A-frame Truck Operator, single drum; Tugger or Coffin Type Hoist Operator; CRUSHER: Crusher Oilier; Crusher Feederman; CRUSHER: Crusher oilier; Crusher feederman; DRILLING: Drill Tender; Auger Oilier; 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: Oilier; Auger Oilier; Oilier, combination guardrail machines; Guardrail Punch Oilier; HEATING PLANT: Temporary Heating Plant Operator; LOADERS: Bobcat, skid steer (less than 1 cu yd.); Bucket Elevator Loader Operator, BarberGreene and similar types; OILERS: Oilier; Guardrail Punch Oilier; Truck Crane Oilier-Driver; Auger Oilier; Grade Oilier, 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

* ENGI0701-003 01/01/2009

CLARK, COWLITZ, Klickitat, Pacific (South), Skamania, and Wahkiakum Counties

DREDGING:

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ZONE DESCRIPTION FOR DREDGING:

ZONE A - All jobs or projects located within 30 road miles of Portland City Hall.
ZONE B - Over 30-60 road miles from Portland City Hall.
ZONE C - Over 60 road miles from Portland City Hall.

*All jobs or projects shall be computed from the city hall by the shortest route to the geographical center of the project.
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<th>Region Description</th>
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<td>ADAMS, ASOTIN, BENTON, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND ORIELLE, SPOKANE, STEVENS, WALLA WALLA AND WHITMAN COUNTIES</td>
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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 WAHKIAKUM
COUNTY WEST TO THE PACIFIC
OCEAN), PIERCE, SAN JUAN,
SKAGIT, SNOHOMISH,
THURSTON AND WHATCOM
COUNTIES
GROUP 1..........................$ 21.19 8.46
GROUP 2..........................$ 24.01 8.46
GROUP 3..........................$ 29.66 8.46
GROUP 4..........................$ 30.37 8.46
GROUP 5..........................$ 30.85 8.46
CHELAN, DOUGLAS (WEST OF
THE 120TH MERIDIAN),
KITTITAS AND YAKIMA
COUNTIES
GROUP 1..........................$ 17.45 8.46
GROUP 2..........................$ 19.97 8.46
GROUP 3..........................$ 21.85 8.46
GROUP 4..........................$ 22.37 8.46
GROUP 5..........................$ 22.76 8.46

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):
ZONE 2 - $ .70
ZONE 3 - $1.00

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

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

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
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); 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, airtrac); Faller and Bucker Chain Saw; Grade Checker and Transit Person; Groutmen (pressure) including post tension beams; Hazardous Waste Worker (Level B); High Scaler; Jackhammer; Laserbeam Operator; Manhole Builder-Mudman; Nozzlemen (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).
LAB00238-004 06/01/2008

ADAMS, ASOTIN, BENTON, COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND OREILLE, STEVENS, SPOKANE, WALLA WALLA AND WHITMAN COUNTIES

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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, pumpcrete machine, signaling, handling the nozzle of squeezcrete 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 pumpcrete crewman, including distributing pipe, assembly & dismantle, and nipper); Nipper; Riprap Man; Sandblast Tailhosemans; Scaffold Erector (wood or steel); Stake Jumper; Structural Mover (to include separating foundation, preparation, cribbing, shoring, jacking and unloading of structures); Tailhosemans (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

WA080001 Modification 25

Federal Wage Determination
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); Nozzleman (to include squeeze and flo-crete nozzle); Nozzleman, 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 spiker 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, noozleman for concrete, laser beam operator and rigger on tunnels); Monitor Operator (air track or similar mounting); Mortar Mixer; Nozzleman (to include jet blasting noozleman, over 1,200 lbs., jet blast machine power propelled, sandblast nozzle); Pavement Breaker (90 lbs. and over); Pipelayer (to include working topman, caulker, collarman, jointer, mortaran, 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 raises and shafts)

GROUP 6 - Powderman
COUNTIES EAST OF THE 120TH MERIDIAN: ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND OREILLE, STEVENS, SPOKANE, WALLA WALLA, WHITMAN

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</thead>
<tbody>
<tr>
<td>Hod Carrier</td>
<td>$24.10</td>
</tr>
</tbody>
</table>

LAB00335-001 06/01/2008

CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHGIKUM COUNTY WEST TO THE PACIFIC OCEAN), SKAMANIA AND WAHGIKUM COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laborers:</td>
<td></td>
</tr>
<tr>
<td>ZONE 1:</td>
<td></td>
</tr>
<tr>
<td>GROUP 1</td>
<td>$27.46</td>
</tr>
<tr>
<td>GROUP 2</td>
<td>$28.06</td>
</tr>
<tr>
<td>GROUP 3</td>
<td>$28.50</td>
</tr>
<tr>
<td>GROUP 4</td>
<td>$28.88</td>
</tr>
<tr>
<td>GROUP 5</td>
<td>$24.96</td>
</tr>
<tr>
<td>GROUP 6</td>
<td>$22.54</td>
</tr>
<tr>
<td>GROUP 7</td>
<td>$19.34</td>
</tr>
</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: 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; Dumpmen (for grading crew); Elevator Feeders; Guard Rail, Median Rail Reference Post, Guide Post, Right of Way Marker; Fine Graders; Fire Watch; Form Strippers (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; Spraymen; 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); Burners; 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)

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 Nozzleman; 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; Powdermen; Power Saw Operators (Bucking and Falling); Pumpcrete Nozzlemen; Sand Blasting (Dry); Sewer Timberman; Track Liners, Anchor Machines, Ballast Regulators, Multiple Tamperers, Power Jacks, Tugger Operator; Tunnel-Chuck Tenders, Nippers and Timermen; 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>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hod Carrier.......................$ 29.58</td>
<td>8.40</td>
</tr>
<tr>
<td>PAIN0005-002 06/01/2008</td>
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</tr>
</tbody>
</table>

STATEWIDE EXCEPT CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHHIKAUM COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Painters: STRIPERS..................$ 26.50</td>
<td>11.40</td>
</tr>
<tr>
<td>PAIN0005-004 07/01/2007</td>
<td></td>
</tr>
</tbody>
</table>

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAINTER.........................$ 19.91</td>
<td>6.85</td>
</tr>
<tr>
<td>PAIN0005-004 07/01/2007</td>
<td></td>
</tr>
</tbody>
</table>
Rates | Fringes
--- | ---
Application of Cold Tar Products, Epoxies, Polyure thanes, Acids, Radiation Resistant Material, Water and Sandblasting, Bridges, Towers, Tanks, Stacks, Steeples | $20.84 | 7.88
Over 30' Swing Stage Work | $21.54 | 7.88
Brush, Roller, Striping, Steam-cleaning and Spray | $15.09 | 6.68
Lead Abatement, Asbestos Abatement | $20.84 | 7.88
TV Radio, Electrical Transmission Towers | $21.59 | 7.88
Over 30' Swing Stage Work | $22.29 | 7.88

*$.70 shall be paid over and above the basic wage rates listed for work on swing stages and high work of over 30 feet.

---

Rates | Fringes
--- | ---
Brush & Roller | $19.69 | 7.14
High work - All work 60 ft. or higher | $20.44 | 7.14
Spray and Sandblasting | $20.29 | 7.14

---

Rates | Fringes
--- | ---
HIGHWAY & PARKING LOT STRIPER | $28.27 | 8.27
PLAS0072-004 06/01/2007

ADAMS, ASOTIN, BENTON, CHelan, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, KITITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEMENT MASON/CONCRETE FINISHER</td>
<td></td>
</tr>
<tr>
<td>ZONE 1: $24.68</td>
<td>7.98</td>
</tr>
</tbody>
</table>

Zone Differential (Add to Zone 1 rate): Zone 2 - $2.00

BASE POINTS: Spokane, Pasco, Moses Lake, Lewiston
Zone 1: 0 - 45 radius miles from the main post office
Zone 2: Over 45 radius miles from the main post office

PLAS0528-001 06/01/2008

CLALLAM, COWLITZ, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC, PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON, WAHkiAKUM AND WHATCOM COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cement Masons:</td>
<td></td>
</tr>
<tr>
<td>CEMENT MASON $34.68</td>
<td>12.13</td>
</tr>
<tr>
<td>COMPOSITION, COLOR MASTIC,</td>
<td></td>
</tr>
<tr>
<td>TROWEL MACHINE, GRINDER,</td>
<td></td>
</tr>
<tr>
<td>POWER TOOLS, GUNNITE NOZZLE $35.18</td>
<td>12.13</td>
</tr>
<tr>
<td>TROWLING MACHINE OPERATOR</td>
<td></td>
</tr>
<tr>
<td>ON COLORED SLABS,</td>
<td></td>
</tr>
<tr>
<td>COMPOSITION OR KALMAN</td>
<td></td>
</tr>
<tr>
<td>FLOORS $36.18</td>
<td>12.13</td>
</tr>
</tbody>
</table>

PLAS0555-002 06/01/2008

CLARK, KLICKITAT AND SKAMANIA COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cement Masons:</td>
<td></td>
</tr>
<tr>
<td>CEMENT MASONs DOING BOTH</td>
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</tr>
<tr>
<td>COMPOSITION/POWER</td>
<td></td>
</tr>
<tr>
<td>MACHINERY AND</td>
<td></td>
</tr>
<tr>
<td>SUSPENDED/HANGING SCAFFOLD $27.87</td>
<td>14.83</td>
</tr>
<tr>
<td>CEMENT MASONs ON</td>
<td></td>
</tr>
<tr>
<td>SUSPENDED, SWinging AND/OR</td>
<td></td>
</tr>
<tr>
<td>HANGING SCAFFOLD $27.34</td>
<td>14.83</td>
</tr>
<tr>
<td>CEMENT MASONs $26.80</td>
<td>14.83</td>
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<tr>
<td>COMPOSITION WORKERS AND</td>
<td></td>
</tr>
<tr>
<td>POWER MACHINERY OPERATORS $27.34</td>
<td>14.83</td>
</tr>
</tbody>
</table>

WA080001 Modification 25
Federal Wage Determination
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

* PLUM0032-002 01/01/2009

CLALLAM, KING AND JEFFERSON COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plumbers and Pipefitters...........$ 43.68</td>
<td>18.06</td>
</tr>
</tbody>
</table>

* PLUM0032-003 01/01/2009

CHELAN, KITTITAS (NORTHERN TIP), DOUGLAS (NORTH), AND OKANOGAN (NORTH) COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plumbers and Pipefitters...........$ 31.46</td>
<td>14.61</td>
</tr>
</tbody>
</table>

PLUM0044-003 06/01/2007

ADAMS (NORTHERN PART), ASOTIN (CLARKSTON ONLY), FERRY (EASTERN PART), LINCOLN, PEND ORIELLE, STEVENS, SPOKANE, AND WHITMAN COUNTIES

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plumbers and Pipefitters ADAMS (NORTHERN PART), ASOTIN (CLARKSTON ONLY), FERRY (EASTERN PART), LINCOLN, PEND ORIELLE AND STEVENS AND SPOKANE COUNTIES..........................$ 30.14</td>
<td>12.81</td>
</tr>
<tr>
<td>WHITMAN COUNTY........................$ 36.24</td>
<td>12.81</td>
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</table>

WA080001 Modification 25
Federal Wage Determination
<table>
<thead>
<tr>
<th></th>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plumbers and Pipefitters</td>
<td>$35.55</td>
<td>15.32</td>
</tr>
<tr>
<td></td>
<td></td>
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</tr>
<tr>
<td>ISLAND, SKAGIT, SNOHOMISH, SAN JUAN AND WHATCOM COUNTIES</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rates</td>
<td>Fringes</td>
</tr>
<tr>
<td></td>
<td>$35.55</td>
<td>15.32</td>
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<td></td>
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<td>---------</td>
</tr>
<tr>
<td>CLARK (ALL EXCLUDING NORTHERN TIP INCLUDING CITY OF WOODLAND)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rates</td>
<td>Fringes</td>
</tr>
<tr>
<td></td>
<td>$35.69</td>
<td>16.99</td>
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<td></td>
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<td></td>
<td></td>
<td>---------</td>
</tr>
<tr>
<td>ADAMS (SOUTHERN PART), ASOTIN (EXCLUDING THE CITY OF CLARKSTON), BENTON, COLUMBIA, DOUGLAS (EASTERN HALF), FERRY (WESTERN PART), FRANKLIN, GARFIELD, GRANT, KITTITAS (ALL BUT NORTHERN TIP), Klickitat, Lincoln (Western Part), Okanogan (Eastern), Walla Walla and Yakima Counties</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rates</td>
<td>Fringes</td>
</tr>
<tr>
<td></td>
<td>$38.64</td>
<td>19.10</td>
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<tr>
<td></td>
<td></td>
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</tbody>
</table>
PLUM0631-001 06/01/2007

MASSON (NE SECTION), AND KITSAP COUNTRIES

Plumbers and Pipefitters

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>$100,000</td>
<td>$27.39</td>
</tr>
</tbody>
</table>

All other work where the plumbing and mechanical cost of the project is less than $100,000.

All other work where the plumbing and mechanical cost of the project is $100,000 and over.

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 WAHKEYAKUM COUNTRIES

Truck drivers:

<table>
<thead>
<tr>
<th>Rates</th>
<th>Fringes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZONE 1</td>
<td></td>
</tr>
<tr>
<td>GROUP 1</td>
<td>$26.40</td>
</tr>
<tr>
<td>GROUP 2</td>
<td>$26.52</td>
</tr>
<tr>
<td>GROUP 3</td>
<td>$26.65</td>
</tr>
<tr>
<td>GROUP 4</td>
<td>$26.91</td>
</tr>
<tr>
<td>GROUP 5</td>
<td>$27.13</td>
</tr>
<tr>
<td>GROUP 6</td>
<td>$27.29</td>
</tr>
<tr>
<td>GROUP 7</td>
<td>$27.49</td>
</tr>
</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.

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; Dumpsters 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 of 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 06/01/2008

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: $ 31.37 12.88
GROUP 2: $ 30.57 12.88
GROUP 3: $ 27.90 12.88
GROUP 4: $ 23.17 12.88
GROUP 5: $ 30.95 12.88

ZONE B (25-45 miles from center of listed cities*): Add $.70 per hour to Zone A rates.
ZONE C (over 45 miles from center 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:

WA080001 Modification 25
Federal Wage Determination 43
TRUCK DRIVERS CLASSIFICATIONS

GROUP 1 - "A-frame or Hydralift" trucks and Boom trucks or similar equipment when "A" frame or "Hydralift" and Boom truck or similar equipment is used; Buggymobile; Bulk Cement Tanker; Dumpsters and similar equipment, Tournorockers, Tournowagon, Tournorailer, 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

GROUP 2 - Bulllifts, or similar equipment used in loading or unloading trucks, transporting materials on job site; Dumpsters, and similar equipment, Tournorockers, Tournowagon, Tournorailer, 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.

TEAM0760-002 06/01/2008

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

Truck drivers: (ANYONE WORKING ON HAZMAT JOBS SEE FOOTNOTE A BELOW)
ZONE 1:
GROUP 1.................$ 20.02     11.05
GROUP 2.................$ 22.29     11.05
GROUP 3.................$ 22.79     11.05
GROUP 4.................$ 23.12     11.05
GROUP 5.................$ 23.23     11.05
GROUP 6.................$ 23.40     11.05
GROUP 7.................$ 23.93     11.05
GROUP 8.................$ 24.26     11.05

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

WA080001 Modification 25
Federal Wage Determination
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: Dumptor (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 Stringer 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)).

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

WAGE DETERMINATION APPEALS PROCESS

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

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

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.
With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, 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 1.6 and 29 CFR Part 7). Write to:

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

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

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

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

4.) All decisions by the Administrative Review Board are final.

===================================================================
END OF GENERAL DECISION
Permits
HYDRAULIC PROJECT APPROVAL

Issue Date: March 10, 2008
Project Expiration Date: December 31, 2008

Project Name: Nile Road Improvements
Project Description: This project includes improving two stream crossings along existing Nile Road-Nile Creek and Dry Creek. The existing concrete box culvert at the Nile Creek crossing will be removed and replaced with a 36' span CON-SPAN bridge structure. A channel matching the upstream geometry of Nile Creek will be constructed underneath the bridge. The channel and bridge abutments will be stabilized with riprap protection from a distance of 5 LF upstream of the crossing to a distance of 5 LF downstream of the crossing.

The downstream channel stabilization for the Nile Creek crossing will encroach upon the 100-year flood area of the Naches River, as the exiting Nile Road acts as the western boundary of the 100-year flood plain for Naches River at the crossing location.

The existing box culvert at the Dry Creek crossing will be removed and replaced with a 12' wide by 8.5' tall arch pipe culvert. An existing 3' vertical drop on the downstream side of the culvert crossing will be filled in, regraded, and made fish-passable using a series of rock weirs to match the existing downstream profile. The channel and culvert invert will be stabilized with riprap protection from a distance of 5 LF upstream of the crossing to a distance of 5 LF downstream of the crossing.

There are also several irrigation crossings that will be reconstructed and existing culvert crossings will be extended.

PROVISIONS

1. TIMING LIMITATIONS: The project may begin June 01, 2008 and shall be completed by November 15, 2008.

NOTIFICATION REQUIREMENT
2. The permittee or contractor shall notify the Department office, phone (509) 575-2740 or FAX (509) 575-2474, at least 72 hours prior to starting the in-stream work portion of this project. Leave message for Habitat Biologist Eric Bartrand. The notification shall include the Permittee's name, project location, starting date for work, and the log number for this Hydraulic Project Approval.
GENERAL
3. Work shall be accomplished per typical installation drawings, plans entitled 'Nile Road Improvement Project' Beginning of BST to end of BST', dated 2006, 2007, and JARPA submitted to Washington Department of Fish and Wildlife with Hydraulic Project application and WAC 220-110-070, except as modified by this Approval. A copy of the drawings and plans and shall be available on-site during construction.

4. Fill associated with bridge approaches and the road prism, where adjacent to the creek, shall be structurally stable and be composed of material that, if eroded into the stream, shall not be toxic to fish or aquatic life. Fill shall be protected from erosion to the 100-year peak flow.

DESIGN/CONSTRUCTION CRITERIA
5. Water crossing structures shall be designed and constructed to maintain structural integrity to the 100-year peak flow with consideration of the debris and bedload likely to be encountered.

6. The new water crossing structures shall not constrict the flow and cause any appreciable increase (not to exceed 0.2 feet) in backwater elevation (calculated at the 100-year flood) or cause channel-wide scour.

WORKSITE AND EQUIPMENT LIMITATIONS
7. All in-channel work shall be done during a period of low stream flow.

8. Bridge replacement shall be done in the dry using a temporary stream bypass culvert or pump bypass through the work site.

9. Structures used to divert, bypass or contain flow or isolate the work area shall be made of clean materials such as sand bags, concrete "ecology blocks" washed "spawning gravel", plastic sheeting, etc.

10. Placement of rip-rap and large woody debris shall be done with a trackhoe equipped with a 'thumb', or equivalent piece of equipment, capable of individually placing large rocks and habitat features.

11. Except as noted in Provision 12. below, equipment shall work from the bank or roadway. Equipment shall be maintained in good working conditions such that petroleum products or other harmful chemicals are not leaked into the creek or its banks or bed.

12. If necessary to gain working position, a trackhoe or equivalent machine may enter and operate within de-watered (bypassed) sections of the creek channels, provided equipment is clean and maintained in good working condition. Care shall be taken to minimize damage to the streambed, bank and woody vegetation.

TEMPORARY BYPASS
13. Prior to initiation of work in the channel, a temporary pump, culvert or flume shall be installed to
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TEMPORARY BYPASS
13. Prior to initiation of work in the channel, a temporary pump, culvert or flume shall be installed to
bypass stream flow around or through the work area. The bypass shall effectively isolate the work area from the flowing water and pass flows to the channel immediately downstream. The bypass shall be only as long as necessary to prevent seepage or backwatering of the work area. The temporary bypass shall be of sufficient size to pass flow and debris occurring during the project.

14. Bypass devices must be clean, non-toxic to fish, and be sufficiently watertight to prevent leakage that can erode soil into the stream.

15. If pumps are used to bypass the stream around the work area, the inlet shall be screened to prevent entrainment of fish, and the outlet positioned in such a manner that will prevent streambed scouring.

16. Upon completion of the project, all temporary bypass facilities shall be removed. If washed stream gravel was used for containment dams, it shall be redistributed in the channel so as to not block flows. All other materials used for temporary diversion and containment structures shall be removed from the site.

CROSSING REMOVAL AND CONSTRUCTION

17. An 9" layer of washed stream gravel shall be distributed over all disturbed creek beds before water is allowed to resume flow upon them.

18. The bridge deck shall be cleaned of earth and fine sediment prior to removal. The bridge deck shall then be removed and a temporary bypass shall be installed. The existing bridge footings and abutments shall be removed and the new footings and abutments constructed in isolation from the stream. The temporary bypass shall remain in place until the new abutments are backfilled and the washed stream gravel has been installed in the disturbed streambed areas (see Provision 22.).

19. Wastewater from dewatering of the work area and other project activities shall be routed to an upland location to allow removal of fine sediment and other contaminants. Care shall be taken to ensure that neither raw concrete nor wastewater contaminated with raw concrete, petroleum products, fine sediment or other harmful materials are discharged to the creek. (Note that raw concrete is very toxic to fish and other aquatic life.)

20. Washing of concrete trucks, chutes, tools, etc. shall be done at a location where wash water will not be discharged to the stream or wetlands.

21. Structures containing concrete shall be sufficiently cured prior to contact with water to avoid leaching.

22. A bed of clean, washed, rounded stream gravel shall be placed throughout the length of the disturbed channel areas to a depth of nine (9) inches. Streambed gravel shall be well mixed, uniformly graded gravel ranging in size from 0.25 inches to 5.0 inches, or otherwise sized so that the D50 of the gradation becomes mobile at the dominant discharge event.

23. Large, angular boulders may be placed along the bases of abutment walls of the bridge to
deflect/break up flow adjacent to the walls. Any boulders shall be clean and of sufficient size to withstand the 100-year peak flow. Minimum dimension of each boulder shall be not less than 18 inches. Single large boulders should be placed against the walls in a staggered pattern in each structure.

24. The protection of bridge abutment and culvert footings (using rip-rap, etc.) shall be installed at or below the existing grade and deeply as possible to avoid lateral constriction of stream flows. Future regrading of streambed must be considered in meeting the requirement.

CULVERT OUTFALL REPLACEMENT FOR DRAINS
25. Road drainage shall be routed through vegetated areas prior to discharge to any stream.

26. Drainage culverts and outfalls shall be replaced in the dry. Temporary erosion control measures shall be taken as necessary to prevent discharge of sediment to streams.

27. The open channels between the new culverts and any stream shall be planted to suitable grasses and protected with erosion control matting. The outfall of any channel that carries flows with velocities in excess of 4 feet per second shall be armored at the stream bank with large rock to prevent bank erosion. Affected stream bank areas shall be restored to stable and natural-like configuration.

RELOCATION OF WDFW WETLAND TO NILE CREEK CRITICAL AREA
28. Road realignment impacts to functioning wetlands on or adjacent to WDFW property shall be mitigated by the physical relocation of those wetland soils and plants to a strategically located, built receiving site designed and constructed with appropriate expert consultations of Yakima County staff. The receiving location must intercept the excessive road drainage just east of the new Nile Creek crossing before it discharges to waters of the state. Addition of the relocated and enhanced wetlands is intended to enhance the filtration and bio-processing of the road drainage prior to its discharge to Nile Creek.

SITE RESTORATION
29. All waste from demolition of the existing bridges shall be disposed of at an approved upland site where it will not affect floodplains or streams. All earth areas adjacent to the watercourse which have been disturbed by this project are to be seeded with a suitable erosion control seed mix and protected from erosion with a straw mulch or equivalent.

30. Native woody plants adapted to stream sides shall be established along all banks disturbed by this project. Plants shall be established immediately above the ordinary high water mark and spaced not more than three feet apart. Cuttings, nursery stock or transplants may be used. Plants shall be maintained as necessary for three years to ensure 80% survival.

MAINTENANCE
31. The bridges shall be maintained by the owners to ensure continued, unimpeded fish passage. If any structure becomes a hindrance to fish passage, the owner shall be responsible for obtaining an HPA and providing prompt repair. Financial responsibility for maintenance and repairs shall be
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## PROJECT LOCATIONS

### Location #1 Dry Creek

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<tr>
<th>WORK START:</th>
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<th>WORK END:</th>
<th>December 31, 2008</th>
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<td>WRIA:</td>
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*Location #1 Driving Directions*

### Location #2 Nile Creek

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*Location #2 Driving Directions*

## APPLY TO ALL HYDRAULIC PROJECT APPROVALS

This Hydraulic Project Approval pertains only to those requirements of the Washington State Hydraulic Code, specifically Chapter 77.55 RCW (formerly RCW 77.20). Additional authorization from other public agencies may be necessary for this project. The person(s) to whom this Hydraulic Project Approval is issued is responsible for applying for and obtaining any additional authorization from other public agencies (local, state and/or federal) that may be necessary for this project.

This Hydraulic Project Approval shall be available on the job site at all times and all its provisions followed by the person(s) to whom this Hydraulic Project Approval is issued and operator(s) performing the work.

This Hydraulic Project Approval does not authorize trespass.

The person(s) to whom this Hydraulic Project Approval is issued and operator(s) performing the work may be held liable for any loss or damage to fish life or fish habitat that results from failure to comply with the provisions of this Hydraulic Project Approval.
Failure to comply with the provisions of this Hydraulic Project Approval could result in a civil penalty of up to one hundred dollars per day and/or a gross misdemeanor charge, possibly punishable by fine and/or imprisonment.

All Hydraulic Project Approvals issued pursuant to RCW 77.55.021 (EXCEPT agricultural irrigation, stock watering or bank stabilization projects) or 77.55.141 are subject to additional restrictions, conditions or revocation if the Department of Fish and Wildlife determines that new biological or physical information indicates the need for such action. The person(s) to whom this Hydraulic Project Approval is issued has the right pursuant to Chapter 34.04 RCW to appeal such decisions. All agricultural irrigation, stock watering or bank stabilization Hydraulic Project Approvals issued pursuant to RCW 77.55.021 may be modified by the Department of Fish and Wildlife due to changed conditions after consultation with the person(s) to whom this Hydraulic Project Approval is issued. PROVIDED HOWEVER, that such modifications shall be subject to appeal to the Hydraulic Appeals Board established in RCW 77.55.301.

APEALS INFORMATION

If you wish to appeal the issuance or denial of, or conditions provided in a Hydraulic Project Approval, there are informal and formal appeal processes available.

A. INFORMAL APPEALS (WAC 220-110-340) OF DEPARTMENT ACTIONS TAKEN PURSUANT TO RCW 77.55.021, 77.55.141, 77.55.181, and 77.55.291: A person who is aggrieved or adversely affected by the following Department actions may request an informal review of:
(A) The denial or issuance of a Hydraulic Project Approval, or the conditions or provisions made part of a Hydraulic Project Approval;
(B) An order imposing civil penalties. A request for an INFORMAL REVIEW shall be in WRITING to the Department of Fish and Wildlife HPA Appeals Coordinator, 600 Capitol Way North, Olympia, Washington 98501-1091 and shall be RECEIVED by the Department within 30 days of the denial or issuance of a Hydraulic Project Approval or receipt of an order imposing civil penalties. If agreed to by the aggrieved party, and the aggrieved party is the Hydraulic Project Approval applicant, resolution of the concerns will be facilitated through discussions with the Area Habitat Biologist and his/her supervisor. If resolution is not reached, or the aggrieved party is not the Hydraulic Project Approval applicant, the Habitat Technical Services Division Manager or his/her designee shall conduct a review and recommend a decision to the Director or his/her designee. If you are not satisfied with the results of this informal appeal, a formal appeal may be filed.

B. FORMAL APPEALS (WAC 220-110-350) OF DEPARTMENT ACTIONS TAKEN PURSUANT TO RCW 77.55.021 (EXCEPT agricultural irrigation, stock watering or bank stabilization projects) or 77.55.291: A person who is aggrieved or adversely affected by the following Department actions may request a formal review of:
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(B) An order imposing civil penalties; or
(C) Any other 'agency action' for which an adjudicative proceeding is required under the Administrative Procedure Act, Chapter 34.05 RCW.
A request for a FORMAL APPEAL shall be in WRITING to the Department of Fish and Wildlife HPA Appeals Coordinator, shall be plainly labeled as 'REQUEST FOR FORMAL APPEAL' and shall be RECEIVED DURING OFFICE HOURS by the Department at 600 Capitol Way North, Olympia, Washington 98501-1091, within 30 days of the Department action that is being challenged. The time period for requesting a formal appeal is suspended during consideration of a timely informal appeal. If there has been an informal appeal, the deadline for requesting a formal appeal shall be within 30 days of the date of the Department's written decision in response to the informal appeal.

C. FORMAL APPEALS OF DEPARTMENT ACTIONS TAKEN PURSUANT TO RCW 77.55.021 (agricultural irrigation, stock watering or bank stabilization only), 77.55.141, 77.55.181, or 77.55.241: A person who is aggrieved or adversely affected by the denial or issuance of a Hydraulic Project Approval, or the conditions or provisions made part of a Hydraulic Project Approval may request a formal appeal. The request for FORMAL APPEAL shall be in WRITING to the Hydraulic Appeals Board per WAC 259-04 at Environmental Hearings Office, 4224 Sixth Avenue SE, Building Two - Rowe Six, Lacey, Washington 98504; telephone 360/459-6327.
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E. FAILURE TO APPEAL WITHIN THE REQUIRED TIME PERIODS results in forfeiture of all appeal rights. If there is no timely request for an appeal, the department action shall be final and unappealable.

ENFORCEMENT: Sergeant Sprecher (30) P2

<table>
<thead>
<tr>
<th>Habitat Biologist</th>
<th>509-457-9310</th>
<th>for Director</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eric Bartramd</td>
<td></td>
<td>WDFW</td>
</tr>
</tbody>
</table>

CC: Lennard Jordan, Yakima County Planning Div.
    John McGowan, WDFW Oak Creek WRA
DEPARTMENT OF THE ARMY
SEATTLE DISTRICT, CORPS OF ENGINEERS
P.O. BOX 3755
SEATTLE, WASHINGTON 98124-3755

AUG 18 2008

Public Services (L)

AUG 20 2008

Vern  Gary  Don  Steve
Bill  Dave  Lisa  Carmen

Reference: 200600802
Yakima, County of
(Yakima County)

Dear Mr. Brzoska:

We have reviewed your application to modify a 2.5-mile stretch of Nile Road, including replacing stream crossings in Dry and Nile Creeks; stream bank contouring, placing riprap; installing large woody debris structures; installing rock grade control structures and baffles; placing streambed gravel; and placing fill in 0.078 acres of wetlands, at Nile, Yakima County, Washington. Based on the information you provided to us, Nationwide Permit 14, Linear Transportation Projects (Federal Register, March 12, 2007 Vol. 72, No. 47), authorizes your proposal as depicted on the enclosed drawings dated April 10, 2008. In order for this NWP authorization to be valid, you must ensure that the work is performed in accordance with the enclosed Nationwide Permit 14, Terms and Conditions and the following special conditions:

a. You must implement the ESA requirements and/or agreements set forth in the Habitat Management Plan, Nile Road Construction Project, dated February 2006 and the Addendum, Biological Assessment, dated February 2, 2007, in their entirety. The U.S. Fish and Wildlife Service concurred with a finding of “may affect, not likely to adversely affect based on this document on October 24, 2007 (USFWS Reference No. 13260-2008-I-0010). The National Marine Fisheries Service concurred with a finding of May affect, not likely to adversely affect based on these documents on July 24, 2008 (NMFS Reference No. 2007/06487).

b. In order to protect Middle Columbia River steelhead, the permittee may conduct the authorized in-water activities only between August 1 and September 15 in any year the permit is valid. The permittee shall not conduct in-water work authorized by this permit from September 16 through July 31 in any year this permit is valid.

We are unable to determine whether or not your project requires individual Water Quality Certification from the Washington State Department of Ecology (Ecology). Before you may proceed with the work authorized by this NWP, you must contact the following Ecology office regarding these requirements: Washington State Department of Ecology, Central Regional

If more than 180 days pass without Ecology responding to your individual WQC request, your requirement to obtain an individual WQC becomes waived. You may then proceed to construction.

We have reviewed your project pursuant to the requirements of the Endangered Species Act (ESA) and the Magnuson-Stevens Fishery Conservation and Management Act in regards to Essential Fish Habitat (EFH). We have determined that this project complies with the requirements of NWP National General Condition regarding ESA and will not adversely affect EFH.

Our verification of this NWP authorization is valid for 2 years from the date of this letter unless the NWP is modified, reissued, or revoked prior to that date. If the authorized work has not been completed by that date, please contact us to discuss the status of your authorization. Failure to comply with all terms and conditions of this NWP verification invalidates this authorization and could result in a violation of Section 404 of the Clean Water Act and/or Section 10 of the 1899 Rivers and Harbors Act. Also, you must obtain all State and local permits that apply to this project.

Upon completing the authorized work, you must fill out and return the enclosed Certificate of Compliance with Department of the Army Permit form. Thank you for your cooperation during the permit process. We are interested in your experience with our Regulatory Program and encourage you to complete a customer service survey form. This form and information about our program is available on our website.

If you have any questions about this letter, please contact me at (206) 764-3262 or via email at Alisa.A.Ralph@usace.army.mil.

Sincerely,

Alisa Ralph, Project Manager
Regulatory Branch

Enclosures
Standard Plans
CONCRETE AND DUCTILE IRON PIPE

THERMOPLASTIC PIPE

METAL PIPE

NOTES
1. See Standard Specifications Section 7-08.3(3) for Pipe Zone Backfill.
2. See Standard Specifications Section 8-03.12(2) for Gravel Backfill for Pipe Zone Bedding.
4. For sanitary sewer installation, concrete pipe shall be bedded to spring line.

CLEARANCE BETWEEN PIPES FOR MULTIPLE INSTALLATIONS

<table>
<thead>
<tr>
<th>PIPE</th>
<th>SIZE</th>
<th>MINIMUM DISTANCE BETWEEN BARRELS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIRCULAR PIPE (DIAMETER)</td>
<td>12&quot; to 24&quot;</td>
<td>12&quot;</td>
</tr>
<tr>
<td></td>
<td>30&quot; to 99&quot;</td>
<td>DIA. /2</td>
</tr>
<tr>
<td></td>
<td>102&quot; to 160&quot;</td>
<td>48&quot;</td>
</tr>
<tr>
<td>PIPE ARCH (SPAN)</td>
<td>18&quot; to 36&quot;</td>
<td>12&quot; /3</td>
</tr>
<tr>
<td>METAL ONLY</td>
<td>43&quot; to 142&quot;</td>
<td>12&quot; /3</td>
</tr>
<tr>
<td></td>
<td>148&quot; to 200&quot;</td>
<td>48&quot;</td>
</tr>
</tbody>
</table>
CONCRETE COLLAR OPTION

STEEL WELDED WIRE FABRIC - SEE NOTE 2

CAST-IN-PLACE CONCRETE COLLAR

NOTE 1

CONCRETE PIPE - SEE NOTE 3

24" WIDE, 1" THICK RUBBER GASKET
IN ACCORDANCE WITH STD. SPEC. 9-04.4(3)

RUBBER GASKETS - SEE NOTE 4

TYPE "K" COUPLING BAND - SEE NOTE 5

CORRUGATED METAL PIPE

CONNECTION DETAILS FOR DISSIMILAR CULVERT PIPE

STANDARD PLAN B-60.20-00

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
Harold J. Petereso 06-08-06
Washington State Department of Transportation

NOTES

1. The Concrete Collar width shall be one half of the outside pipe diameter of the largest pipe. The minimum Concrete Collar width shall be 12". Concrete Collars may be used with all pipe materials and diameters. The Concrete Collar option shall only be used to extend existing pipes.

2. Steel Welded Wire Fabric shall be in accordance with Standard Specification 9-07.7. Install two wraps for size 6 = 6 W1.4 × W1.4 (10 Gage) Steel Welded Wire Fabric or one wrap for any of the following sizes:
   - 6 × 6 W2.1 × W2.1 (8 Gage)
   - 6 × 6 W2.0 × W2.0 (Gage)
   - 4 × 4 W2.0 × W2.0 (8 Gage)
   - 4 × 4 W4.0 × W4.0 (4 Gage)

3. When a Coupling Band connection requires attachment to the bell end of a concrete pipe, the bell end of the pipe shall be removed before the connection is installed.

4. Increase the outside diameter of the metal pipe to match the outside diameter of the concrete pipe by installing 12" wide rubber gaskets, thickness as required (Coupling Band only). The rubber gaskets shall be in accordance with Standard Specification 9-04.4(3).

5. Use a flat Type K Coupling Band. Type K Coupling Bands with dimples are not allowed for the installation detail shown. The Coupling Band option shall only be used for extending existing pipes that have an inside diameter of 36" or less.
NOTES
1. Span and rise dimensions are nominal and are measured to the inside crests of corrugations.
2. Allowable heights of cover shall be within the limits indicated in the table included heron. Minimums and maximums are shown.
3. Unless indicated otherwise a 10" depth (over the inside crests of corrugations) of earth shall be placed in the invert of the Structural plate Underpass. Design 1, for its full width and length. The earth shall consist of naturally occurring materials available in the vicinity of the structural plate underpass installation. See Standard Specification 7-03.3(4).
4. Designed for H-20 live load and maximum allowable soil pressure of 6 kips per square foot.

ALLOWABLE HEIGHTS OF COVER

<table>
<thead>
<tr>
<th>SPAN</th>
<th>RISE</th>
<th>12 GAGE THICK CORRUGATED METAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>COVER</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MIN.</td>
</tr>
<tr>
<td>0'-0&quot;</td>
<td>7'-1&quot;</td>
<td>4&quot;</td>
</tr>
<tr>
<td>0'-10&quot;</td>
<td>8'-2&quot;</td>
<td>5&quot;</td>
</tr>
</tbody>
</table>
NOTES

1. The culvert ends shall be beveled to match the embankment or ditch slope and shall not be beveled flatter than 4H:1V. When slopes are between 4H:1V and 6H:1V, shape the slope in the vicinity of the culvert end to ensure that no part of the culvert protrudes more than 4" above the ground line.

2. Field cutting of culvert ends is permitted when approved by the Engineer. All field-cut culvert pipe shall be treated with treatment as shown in the Standard Specifications or General Special Provisions.

FOR CULVERTS 30" DIAMETER OR LESS

BEVELED END SECTIONS

STANDARD PLAN B-70.20-00

APPROVED FOR PUBLICATION

Harold J. Peterfeso 06-01-06
STATE DESIGN ENGINEER
Washington State Department of Transportation
NOTES

1. When required by the Contract, a Snow Load Post Washer shall be used on the backside of the post (in lieu of the 1 3/4" 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 installations except as called for in Note 1. Unnecessary Rail washers need not be removed from existing installations, except those on posts 2 through 6 of a BCT installation shall be removed.

3. Beam Guardrail post spacing for Types 1 through 4 shall be 6'-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 1 - 8' Long Post" is specified in the Contract, the post length shall be stamped with numbers, 1 1/2" min, high and 1/4" deep, at the location where the letter "H" is shown in the ASSEMBLY DETAIL. After installing a Long Post, it shall be the Contractor's responsibility to ensure that the stamped numbers are still legible and 1/4" deep.

7. Existing posts shall not be raised. Replace posts as necessary to achieve required guardrail height.
NOTES

1. Wood posts for all guardrail placement plans shall be 6 x 3 except where noted otherwise.

2. Lower hole is for rub rail of Type 2 or Type 3 Beam Guardrail.

3. 6 x 9 steel posts and timber block are alternates for 6 x 5 timber posts and blocks. 6 x 10 steel posts and timber blocks are alternates for 6 x 10 timber posts and blocks.

4. Holes shall be located on the approaching traffic side of web.

5. When contract requires "Beam Guardrail Type E... Foot Long Post," the steel post length shall be marked with numbers to ensure permanent identification of the location where the letter "E" is shown on the detail. The marking shall be 1 1/2" MIN height.

6. Soil plate may be welded to foundation tube, if so, holes in soil plate and foundation tube may be omitted.
NOTES

1. See Standard Plan C-1b for additional details.

2. One-way traffic layouts are identical to the two-way layout with the exception that only the posts trailing the span need to be CRT's with double blocks.

CASE 21

ONE-WAY TRAFFIC

CRT POSTS WITH TWO BLOCKS (SEE NOTE 2)

OBSTRUCTION

ONE-WAY TRAFFIC LAYOUT

W 7 6 5 4 3 2 1

G U A R D R A I L   P L A C E M E N T

25' SPAN

S T A N D A R D   P L A N   C-2a

APPROVED FOR PUBLICATION
Clifford E. Mansfield 07-13-01

Washington State Department of Transportation
NOTES
1. See Contract for transition and connection type.
2. The slope from the edge of the shoulder into the face of the guardrail should not be steeper than 10:1.
3. Guardrail installation shall be Beam Guardrail Type I with standard post and block.
4. First letter at case designation indicates and treatment on side road. Second letter indicates treatment on main road. For instance a terminal on the side road and bridge connection on the main road would be Case 22 BC.
5. For terminal type and details, see Contract and applicable Standard Plans.
6. Radius dimensions shall be etched into plate replacing the letters 'HH' shown on the Identification Plate Detail. Digits shall be 1/2" high height and 3/8" width.
7. Plate shall be galvanized after etching.
8. The guardrail Identification Plate shall be mounted at the lower splice bolt on the back side of the rail element at the PC of the guardrail railing.

GUARDRAIL PLACEMENT
STONG POST
INTERSECTION DESIGN
STANDARD PLAN C-2p

Sheet 1 of 1 SHEET
APPROVED FOR PUBLICATION
Harold J. Petereso 10-31-03
Washington State Department of Transportation
NOTES

1. Unless otherwise indicated in the contract, the SRT-350 (12.5, 8 Post) as manufactured by Trinity Industries, Inc., or a FLEAT 350 as manufactured by Road Systems Inc., shall be installed per manufacturer's recommendations. If specified in the Contract, the FLEAT TL2 as manufactured by Road Systems, Inc. shall be installed per manufacturers recommendations.

2. Where terminal is placed on a curve, and post offsets would result in the rail encroaching onto the shoulder (e.g., the inside of a curve), the posts shall be installed so that the face of the rail is at the edge of the shoulder.

3. When snow load post washers and snow load rail washers are called for in the contract, the snow load rail washers must be omitted within the terminal limits.

4. Offset distances:
   - FLEAT 350 ........................................ 4'-0"  
   - FLEAT TL2 ...................................... 1'-0" minimum

BEAM GUARDRAIL  
FLARED TERMINAL  
STANDARD PLAN C-4b
NOTES

1. Anchor plate may be constructed from 5/8" plates welded to equal strength and dimensions as shown.

2. For end section details see Standard Plan "Beam Guardrail End Sections".

3. For post details, see Standard Plan "Beam Guardrail Posts and Blocks".

4. Eight 7/8" x 1-3/4" machine bolts with hex. nut and washer. Place hex. washer on face side of rail.

5. Outside nut shall be torqued against inside nut a minimum of 20 ft-lbs.

6. Transom bearing plate with 103 rail at corners to prevent running.

7. Anchor post limit does not apply when anchor is included in a Beam Guardrail Terminal.

BEAM GUARDRAIL ANCHOR
TYPE 1

STANDARD PLAN C-6

APPROVED FOR PUBLICATION

Donald K. Nelson 05/30/97
STATE DESIGN ENGINEER
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

Sheet 1 of 2 Sheets
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 high strength bolts (Standard Specification 9-08-04(4)) with thin slab female inserts or resin bonded anchors. See the Contract Plans.

3. A single piece having similar dimensional shape to Design G end musing with the W-beam guardrail is an alternate.

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. Refer to the Sign Specification Sheet of the Contract for the "V" and "W" distances.
2. The minimum vertical distance from the bottom of the sign to the ground shall not be less than 7" for signs located within the Design Clear Zone.
1. Notch is only required with multiple post installations.

2. 6"x10, 8"x10, and 6"x12 Timber Sign Posts cannot be made breakaway and do not have holes or notches. These posts shall not be installed within the Design Clear Zone. They may be installed behind traffic barrier.

3. Signs with a width less than 12 feet and supported on three 6"x6 or 6"x8 posts shall not be installed within the Design Clear Zone. They may be installed behind traffic barrier.

4. Signs with a width less than 17 feet and supported on four 6"x6 or 6"x8 posts shall not be installed within the Design Clear Zone. They may be installed behind traffic barrier.


6. For 6"x6 posts and larger, 7 feet minimum spacing is required between posts.

### POST INSTALLATION TABLE

<table>
<thead>
<tr>
<th>POST SIZE (CM)</th>
<th>DEPTH</th>
<th>HOLE DIAMETER</th>
<th>NOTCH DEPTH (SEE NOTE 1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4x4</td>
<td>3&quot;</td>
<td>3/4&quot;</td>
<td>NOT REQ'D</td>
</tr>
<tr>
<td>4x8</td>
<td>4&quot;</td>
<td>1 1/4&quot;</td>
<td>1&quot;</td>
</tr>
<tr>
<td>6x8</td>
<td>4&quot;</td>
<td>2&quot;</td>
<td>2&quot;</td>
</tr>
<tr>
<td>8x8</td>
<td>5&quot;</td>
<td>SEE NOTE 3 &amp; 4</td>
<td>SEE NOTE 3 &amp; 4</td>
</tr>
<tr>
<td>8x10</td>
<td>6&quot;</td>
<td>SEE NOTE 2</td>
<td>SEE NOTE 2</td>
</tr>
<tr>
<td>8x12</td>
<td>7&quot;</td>
<td>SEE NOTE 2</td>
<td>SEE NOTE 2</td>
</tr>
</tbody>
</table>

**NOTES**

- Timber Sign Support
- Standard Plan G-22.10-01
- Sheet 1 of 3 sheets
- Approved for publication
- Pasco Bakotich III 07-03-08
- Washington State Department of Transportation
Manufactured Home Moving Permit
- MHP (placement) Permit
- New or Used MHP
  Tax Certificate for Used MHP
  Orange Decal
- MHP dimensions
- Transporter identified
  Transporter’s credentials
  Annual Permit
- Route – County Roads
  DOT permit
- Date of Transport
  Weather conditions

Military
- County Roads
- DOT permit
- Date of Transport
- Dimensions
- Information for each vehicle
- Number of permits required

Equipment
- Transporter identified
- Route – County Roads
  DOT permit
- Overweight
- Dimensions of equipment

House/Buildings
- Building Permit (Project/Case #’s)
  Attach to BLD
NOTES
1. See Plant Material List for size and type of live stake.
2. Do not use axe or sledge for driving stakes.
3. In hard ground use an iron bar or star drill to prepare the holes for the stake.
4. Avoid stripping bark or bruising stakes during installation.
5. Fill void around cutting with soil.

LIVE STAKE INSTALLATION IN RIPRAP

TYPICAL LIVE STAKE INSTALLATION

LIVE STAKE INSTALLATION IN QUARRY SPALLS

LIVE STAKE INSTALLATION ON SLOPES

STATE OF WASHINGTON
LICENSED LANDSCAPE ARCHITECT
SALLY A. ANDERSON
CERTIFICATE NO. 000372

LIVE STAKE INSTALLATIONS
STANDARD PLAN H-10.15-00
SHEET 1 OF 1 SHEET
APPROVED FOR PUBLICATION
Pasco Bakotich III 07-03-08
Washington State Department of Transportation
NOTES

1. The anchoring system shall meet NCHRP 350 crash test criteria. Use a socket and wedge system, or the anchoring system supplied by or recommended by the Type 2 Support manufacturer.

2. A maximum of 5 mailboxs may be installed on a Type 2 Support.

3. The Platform design shown in this plan is detailed in the PLATFORM DETAIL. Standard Plan H-70.10, Sheet 2. The design 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 platform design. Adjustable platforms must fit the 1 7/8" M-Clamp.

4. 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). 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.

5. Attach a newspaper box to a Type 2 Support with two 1 7/8" Muffler Clamps spaced 4" apart. Field drill 7/16" holes in the newspaper box to fit. Newspaper boxes must not extend beyond the front of the mailbox when the mailbox door is closed.
1. Maximize detention of stormwater by placing fence as far away from toe of slope as possible without encroaching on sensitive areas or outside of the clearing boundaries.

2. Install silt fencing along contours whenever possible.

3. Install the ends of the silt fence to point slightly up-slope to prevent sediment from flowing around the ends of the fence.

4. Perform maintenance in accordance with Standard Specifications 8.01.3(9)A and 8.01.3(15).

SILT FENCE

STANDARD PLAN I-30.10-00

APPROVED FOR PUBLICATION
Pacso Bakotich III 09-26-07
Washington State Department of Transportation
NOTE
Perform maintenance in accordance with Standard Specification 8-01.3(9A) and 8-01.3(15).

SILT FENCE DESIGN

PLACE SAND BAGS AS REQUIRED AROUND CULVERT TO PROVIDE SUPPORT FOR SILT FENCE

CULVERT, BOX CULVERT, OR PIPE ARCH - END TREATMENT VARIES

SILT FENCE - SEE STD. PLAN I-30.10

GEOTEXTILE FOR TEMPORARY SILT FENCE - SEE STD. SPEC. 9-33 2(1), TABLE 8

POST - SEE STD. SPEC. 8-01.3(9A)

EMBED POSTS INTO SAND BAGS AS REQUIRED

SECTION A

FLOW

EDGE OF GEOTEXTILE

COMPOST BERM DESIGN

DISTURBED AREA

PROTECTED AREA

COMPOST BERM - SEE STD. PLAN I-30.10

CULVERT, BOX CULVERT, OR PIPE ARCH - END TREATMENT VARIES
1. Geotextile encased Check Dams shall meet the requirements of Standard Specifications 8-01.3(8)A and 8-14.5(4).

2. Install the sloped ends of the Check Dam a minimum of 3' higher than the top of the check dam in the channel to ensure that water flows over the dam and not around it.

3. Flat bottom ditch design shown. Check Dam installation details are similar for "V" bottom ditches.

4. Perform maintenance in accordance with Standard Specifications 8-01.3(19).
NOTE
ROCK CHECK DAMS SHALL BE PLACED OUTSIDE OF THE CLEAR ZONE, OR BEING TRAFFIC BARRIER.

ROCK CHECK DAM

SACKS SHALL BE #10 BURLAP OR APPROVED ALTERNATE FILLED WITH 45 TO 55 LBS. OF GRAVEL/BACKFILL FOR DRAINS.

SANDBAG CHECK DAM

PLACE SACKS FIRMLY AGAINST GROUND LINE AND ADJACENT SACKS.
1. More than the minimum of one fastener per square yard may be required due to conditions such as blanket composition, soil type, surface uniformity, and slope steepness.

2. See Standard Specification 6-01.3(3).
NOTES

1. A Protective Vehicle is recommended regardless if a Truck Mounted Alternator (TMA) is available, a work vehicle may be used. When no TMA is used, the Protective Vehicle shall be strategically located to shield workers, with no specific Roll Ahead distance.

2. Night work requires additional roadway lighting at flagging stations. See WSDOT Standard Specifications for additional details.

3. Extend Channelizing Device taper across shoulder - recommended.

4. Sign sequence is the same for both directions of travel on the roadway.

5. Channelizing Device spacing for the downstream taper option shall be 20' O.C.

6. For sign size refer to Manual on Uniform Traffic Control Devices (MUTCD) and WSDOT Sign Fabrication Manual M55-05.

---

\[\text{LONGITUDINAL BUFFER SPACE} = B\]

<table>
<thead>
<tr>
<th>POSTED SPEED (MPH)</th>
<th>15</th>
<th>20</th>
<th>25</th>
<th>30</th>
<th>35</th>
<th>40</th>
<th>45</th>
<th>50</th>
<th>55</th>
<th>60</th>
<th>65</th>
</tr>
</thead>
<tbody>
<tr>
<td>LENGTH B (FEET)</td>
<td>156</td>
<td>200</td>
<td>250</td>
<td>305</td>
<td>360</td>
<td>420</td>
<td>495</td>
<td>570</td>
<td>648</td>
<td>648</td>
<td>648</td>
</tr>
</tbody>
</table>

---

\[\text{BUFFER DATA}\]

\[\text{TYPICAL PROTECTIVE VEHICLE WITH TMA (SEE NOTE 1)}\]

<table>
<thead>
<tr>
<th>VEHICLE TYPE, LOADED WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 YARD DUMP TRUCK, SERVICE TRUCK, FLAT BED, ETC.</td>
</tr>
</tbody>
</table>

\[\text{ROLL AHEAD STOPPING DISTANCE} = 30\text{ FEET MIN.} (\text{DRY PAVEMENT ASSUMED})\]

---

\[\text{SIGN SPACING} = X (1)\]

<table>
<thead>
<tr>
<th>RURAL HIGHWAYS</th>
<th>60 / 75 MPH</th>
<th>507 ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>RURAL ROADS</td>
<td>40 / 56 MPH</td>
<td>507 ft</td>
</tr>
<tr>
<td>RURAL ROADS &amp; URBAN ARTERIALS</td>
<td>30 / 40 MPH</td>
<td>357 ft</td>
</tr>
<tr>
<td>RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL &amp; BUSINESS DISTRICTS</td>
<td>25 / 30 MPH</td>
<td>202 ft</td>
</tr>
<tr>
<td>URBAN STREETS</td>
<td>25 MPH OR LESS</td>
<td>107 ft</td>
</tr>
</tbody>
</table>

**ALL SIGNS ARE BLACK ON ORANGE UNLESS DESIGNATED OTHERWISE**

**NOTE:**

1) All sign spacing may be adjusted to accommodate interchange ramps, at-grade intersections, and driveways.

2) This sign spacing may be reduced in urban areas to fit roadway conditions.

---

\[\text{FOR LOCAL AGENCY USE ONLY NOT FOR USE ON STATE ROUTES}\]

---

\[\text{LAYER CLOSURE WITH FLAGGER CONTROL}\]

\[\text{STANDARD PLAN K-20.40-00}\]

---

\[\text{Kendall L. Smith 02-15-07}\]

**Washington State Department of Transportation**
NOTES

2. MOTORCYCLES USE EXTREME CAUTION signs shall be installed when the following roadway conditions exist:
   - grooved pavement
   - abrupt lane edge
   - steel plates
   - loose gravel of earth

   Specific signs for each of the conditions noted shall be installed along with MOTORCYCLES USE EXTREME CAUTION signs.

3. For sign size refer to Manual on Uniform Traffic Control Devices (MUTCD) and WSDOT Sign Fabrication Manual M52-05.

MOTORCYCLE
SUPPLEMENTAL SIGNING
STANDARD PLAN K-60.40-00

FOR LOCAL AGENCY USE ONLY
NOT FOR USE ON STATE ROUTES

LEGEND
X  SIGN LOCATION
O O O  CHANNELIZING DEVICES
DDD  ARROW PANEL

MOTORCYCLE WARNING SIGN (W21-1701) SHOULD BE INSTALLED AT 1 MILE SPACING, THROUGHOUT THE WORK ZONE WHERE THE CONDITION EXISTS, AS PART OF THE SEQUENCE OF OTHER APPROPRIATE STANDARD WARNING SIGNS ON 1 MILE SPACING
NOTES

1. For sign installation details, see Std. Plan G-series.

2. In rural areas, the "V" height can be a minimum of 7 feet for primary signs and 6 feet for the supplemental plaques for greater visibility, as directed by the engineer.

3. The "V" height for signs, with an area of more than 50 square feet and two or more sign supports, is 7 feet in both rural and urban areas.

| HEIGHT V TO BOTTOM OF SIGN TO BOTTOM OF SUPPLEMENTAL PLAQUE (WHEN REQUIRED) |
|-------------------------------|-----------------------------|
| TO BOTTOM OF SIGN (NO SUPPLEMENTAL PLAQUE) | TO BOTTOM OF SUPPLEMENTAL PLAQUE |
| RURAL | 6 MINIMUM | 6 MINIMUM |
| URBAN | 7 MINIMUM | 7 MINIMUM |

CLASS A CONSTRUCTION SIGNING INSTALLATION
STANDARD PLAN K-80.10-00

APPROVED FOR PUBLICATION
Ken L. Smith 02-21-07
WASHTINGTON STATE DEPARTMENT OF TRANSPORTATION
NOTES

1. All fasteners may be zinc plated, galvanized or stainless steel. All steel angle and tubular steel shall be hot-rolled, light carbon steel, painted or galvanized.

2. Install one lightweight Type A Low-Intensity flashing warning light on the traffic side of the barricade. Install two Type A Low-Intensity flashing warning lights per barricade when the barricades are used to close a roadway. Attach the light to the barricade according to the light manufacturer’s recommendations or use the details shown on this plan.

3. Stripes on barricade rails shall be alternating orange and white retro-reflective stripes (sloping downward at an angle of 45 degrees in the direction traffic is to pass).

4. The Type 3 barricade design shown on this plan meets the standards for Type 2 barricade specified in NCHRP 350. Alternative designs may be approved if they conform to the NCHRP 350 crash test criteria and the MUTCD.

5. When a sign is mounted on the barricade, it shall be securely bolted to at least two plywood panels. The top of the sign shall not be higher than the top panel of the barricade.

6. When sandbags are used in freezing weather, urea fertilizer shall be mixed with the sand in a quantity to prevent the sand from freezing.
USEABLE TRAFFIC LANE 2" MIN
AREA CLOSED TO TRAFFIC

TYPE 3L BARRICADE

STRIPES ON THE BARRICADES SHALL SLOPE DOWNWARD IN THE DIRECTION TRAFFIC IS TO PASS

AREA CLOSED TO TRAFFIC 2" MIN USEABLE TRAFFIC LANE

TYPE 3R BARRICADE

ROAD CLOSURE AT INTERSECTION

TYPE 3L BARRICADE

TYPE 3R BARRICADE

ROAD CLOSURE AT OTHER LOCATIONS

TYPE 3L BARRICADE

TYPE 3R BARRICADE

BARRICADE PLACEMENT
Improvement Plans
### SUMMARY OF QUANTITIES

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>TOTAL QUANTITY</th>
<th>UNIT</th>
<th>ITEM DESCRIPTION</th>
<th>MAIN LINE</th>
<th>SPECIAL ADD.</th>
<th>SUBTOTAL</th>
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<tr>
<td></td>
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<td></td>
<td>PREPARATION</td>
<td>GROUP 1</td>
<td>GROUP 2</td>
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<td>1</td>
<td>7722.00</td>
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<td>MOWING</td>
<td>10</td>
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<td>CLEARING AND ERENZING</td>
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<tr>
<td>12</td>
<td>12</td>
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<td>QUARRY SPILLS (TRUCK MEASURED)</td>
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<td>1023</td>
<td>L.F.</td>
<td>SCHEDULE A APPROACH PIPE 12 IN. DIAM.</td>
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<td>14</td>
<td>566</td>
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<tr>
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<td>85</td>
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<td>L.B.</td>
<td>ST, REINF. BAR FOR HEADWALL</td>
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<td>21</td>
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<td>C.Y.</td>
<td>CONG. CLASS 3500 FOR HEADWALL</td>
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<td>22</td>
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<td>PRECAST BEAM, CONG. THREE BORE STRUCTURE NO. 32</td>
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<td>23</td>
<td>10,204</td>
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<td>CRUSHED SURFACING TOP COURSE</td>
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<td>24</td>
<td>24,000</td>
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<td>26</td>
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<td>HMA CL. 1/2 IN. PG 64-26</td>
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## Summary of Quantities

**Erosion Control and Planting**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Total Quantity</th>
<th>Unit</th>
<th>Item</th>
<th>MAN Line</th>
<th>FEDERAL AD</th>
<th>NA AMER (85)</th>
<th>GROUP 1</th>
<th>GROUP 2</th>
</tr>
</thead>
</table>
29  | 30  | DAY  | EROSION CONTROL AND PLANTING | 21x13.00 | 15  | 15  |  |
30  | 9,740  | L.F.  | 6 FT FENCE | 8,795  | 975  |  |
31  | 5,000  | EST. | EROSION/SPILLWAY CONTROL | ESTIMATED | ESTIMATED |  |  |
32  | 4  | ACRE | SEEDING, PERFORATED, AND MULCHING | 3  | 1  |  |  |
34  | 46  | EACH | PUMP MONITOR AND D.E.E. | 46  |  |  |  |
35  | 1,000  | EACH | FLOOD_INDICATOR_MOTOR 5 FT. STAKE | 1,100  |  |  |  |
36  | 2  | EACH | LOG WITH BOAT RAM STRUCTURE | 2  |  |  |  |
37  | 1  | EACH | CABLE ANCHORED NATIVE PIPE | 1  |  |  |  |
38  | 3  | EACH | COLUMNAR BASED BARKER | 3  |  |  |  |
39  | 15  | C.Y. | NATIVE STREAMBED CORDS (TRUCK MEASURE) | 15  |  |  |  |

**Traffic**

| Item No. | Total Quantity | Unit | Item                          | MAN Line | FEDERAL AD | NA AMER (85) | GROUP 1 | GROUP 2 |
40  | 44  | L.F.  | BEAM GUARDIAN TYPE 1 | 44  |  |  |  |  |
41  | 1  | EACH | BEAM GUARDIAN PLACED TERMINAL | 7  |  |  |  |  |
42  | 2  | EACH | BEAM GUARDIAN, PLACEMENT - 20' SPAN | 2  |  |  |  |  |
43  | 1  | EACH | BEAM GUARDIAN, ANCHOR TYPE 1 | 1  |  |  |  |  |
44  | 40,560  | L.F.  | PAINT LINE | 40,560  |  |  |  |  |
45  | 1  | LMP SUM  | L.S.  | PERMANENT SIGNING | 100%  |  |  |  |
46  | 1  | LMP SUM  | L.S.  | OTHER TEMPORARY TRAFFIC CONTROL | 20%  |  |  |  |
47  | 800  | HD  | FLAGGED AND SPOTTED | 800  |  |  |  |  |
48  | 1  | LMP SUM  | L.S.  | TRAFFIC CONTROL SUPERVISION | 10%  |  |  |  |
49  | 0  | S.F.  | CONSTRUCTION SIGNS CLASS A | 0.9  | 655  |  |  |  |

**Other Items**

| Item No. | Total Quantity | Unit | Item                    | MAN Line | FEDERAL AD | NA AMER (85) | GROUP 1 | GROUP 2 |
50  | 1  | EST.  | MAJOR CHANGES | ESTIMATED | 90%  | 10%  |  |  |
51  | 150  | L.P.  | SPCC PLAN | 150  |  |  |  |  |
52  | 340  | S.Y.  | CONSTRUCTION GEOTEXTILE FOR SOIL SEPARATION | 340  |  |  |  |  |
53  | 340  | S.Y.  | CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION | 340  |  |  |  |  |
54  | 20  | EACH | MAILBOX SUPPORT TYPE 1 | .19  |  |  |  |  |
55  | 20  | EACH | MAILBOX SUPPORT TYPE 2 | 22  |  |  |  |  |

---

**Summary of Quantities**

**Sheet 3 of 49**
TYPICAL ROADWAY SECTION

DRIVEWAY EXTENSIONS

CROSS DRAIN PIPE OUTLET
SLOPE PROTECTION ELEVATION

CROSS DRAIN PIPE OUTLET
SLOPE PROTECTION
RIPRAP SECTION @ PIPE OUTLET
SEE CROSS DRAIN CULVERT PIPE FOR SCHEDULE
## DRIVeway/CULvert PIPE SCHEDULE

### DRIVEWAY AND FIELD ENTRANCE

<table>
<thead>
<tr>
<th>STATION</th>
<th>PIPE SIZE</th>
<th>GRADE</th>
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<tbody>
<tr>
<td>76+00 LT.</td>
<td>12&quot;x42&quot;</td>
<td>DITCH GRADE BOTH ENDS</td>
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<tr>
<td>81+85 LT.</td>
<td>12&quot;x42&quot;</td>
<td>DITCH GRADE BOTH ENDS</td>
</tr>
<tr>
<td>86+55 LT.</td>
<td>12&quot;x42&quot;</td>
<td>DITCH GRADE BOTH ENDS</td>
</tr>
<tr>
<td>91+83 LT.</td>
<td>12&quot;x42&quot;</td>
<td>DITCH GRADE BOTH ENDS</td>
</tr>
<tr>
<td>94+93 ST.</td>
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<td>DITCH GRADE BOTH ENDS</td>
</tr>
<tr>
<td>96+00 LT.</td>
<td>12&quot;x42&quot;</td>
<td>DITCH GRADE BOTH ENDS</td>
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<tr>
<td>99+32 ST.</td>
<td>12&quot;x42&quot;</td>
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<tr>
<td>100+42 LT.</td>
<td>12&quot;x42&quot;</td>
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<td>107+45 LT.</td>
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<td>110+51 LT.</td>
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<td>114+34 LT.</td>
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<tr>
<td>123+73 ST.</td>
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<tr>
<td>124+81 LT.</td>
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<tr>
<td>125+95 LT.</td>
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<tr>
<td>126+00 ST.</td>
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<tr>
<td>127+47 LT.</td>
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<td>191+78 LT.</td>
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<tr>
<td>207+29 LT.</td>
<td>12&quot;x42&quot;</td>
<td>DITCH GRADE BOTH ENDS</td>
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## CROSS DRAIN CULVERT PIPES

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<tr>
<th>STATION</th>
<th>PIPE SIZE</th>
<th>INLET INV.</th>
<th>OUTLET INV.</th>
<th>SKEW</th>
<th>PROTECTION</th>
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<td>103+39</td>
<td>12&quot;x42&quot;</td>
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<td>2034.23 LT</td>
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### NILE ROAD IMPROVEMENT PROJECT END OF BST TO BEGINNING OF BST C 2892
PLN

YAKIMA COUNTY CULVERT NO. 1234
EXISTING PRECAST CONCRETE BOX CULVERT
SCALE: 1"=1'-0"

NILE ROAD CULVERT BRIDGE EXTENSION

ELEVATION

SCALE: 3'/0"=1'-0"
('FOR FULL SIZE PRINT')

NOTES:
1. SEE SPECIAL PROVISIONS FOR TECHNICAL SPECIFICATIONS.
2. CONCRETE SLUMP FOR C.I.P. BASE - 10"
3. INTERNAL DIMENSION OF NEW PRECAST SECTION THAT ACHIEVES ALIGNED DIAMETER AND IS DOWEL PLACED.
4. PRECAST CONCRETE BOX CULVERT SCAFFOLDS AND ARMATURE MATERIAL TO BE SHOWN FOR BID EDGING.
5. NEW FLOW LINE SHALL MATCH EXISTING FLOW LINE.
6. DRAIN AND EJECT D.O.C. INTO EXISTING CONCRETE. CONTRACTOR MAY EJECT D.O.C. INTO EROSION BARRIER OR EROSION CONCRETE.
LAYOUT
N.T.S.

SECTION A-A
N.T.S.

V-GRAGE CHECK DAMS

SECTION B-B
N.T.S.

BAFFLE LAYOUT
N.T.S.

COLUMNAR BASALT DETAIL
N.T.S.

COLUMNAR BASALT BAFFLES
TYPICAL SIGN INSTALLATION

NOTE: CONTRACTOR IS RESPONSIBLE FOR SUBMITTING SITE SPECIFIC TRAFFIC CONTROL PLANS TO THE PROJECT ENGINEER FOR REVIEW AND APPROVAL.
# TRAFFIC CONTROL SIGN SPECIFICATIONS

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<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>
<th>CLEARANCE</th>
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<td>620-22</td>
<td>NILE ROAD, 1500' EAST OF B.O.P.</td>
<td>36'' x 18''</td>
<td>I</td>
<td>WOOD</td>
<td>4''x4''</td>
<td>16'</td>
<td>T</td>
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<tr>
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<td>48'' x 18''</td>
<td>I</td>
<td>WOOD</td>
<td>4''x4''</td>
<td>16'</td>
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<tr>
<td>3</td>
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<td>NILE ROAD, 1000' EAST OF B.O.P.</td>
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<td>I</td>
<td>WOOD</td>
<td>4''x4''</td>
<td>16'</td>
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<tr>
<td>4</td>
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<td>48'' x 18''</td>
<td>I</td>
<td>WOOD</td>
<td>4''x4''</td>
<td>16'</td>
<td>T</td>
</tr>
<tr>
<td>5</td>
<td>620-1</td>
<td>BETHEL RIDGE ROAD, 500' WEST OF NILE ROAD</td>
<td>48'' x 18''</td>
<td>I</td>
<td>WOOD</td>
<td>4''x4''</td>
<td>16'</td>
<td>T</td>
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<tr>
<td>6</td>
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<td>48'' x 18''</td>
<td>I</td>
<td>WOOD</td>
<td>4''x4''</td>
<td>16'</td>
<td>T</td>
</tr>
<tr>
<td>7</td>
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<td>CLOVER SPRINGS ROAD, 1000' WEST OF NILE ROAD</td>
<td>48'' x 18''</td>
<td>I</td>
<td>WOOD</td>
<td>4''x4''</td>
<td>16'</td>
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<tr>
<td>8</td>
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<td>CAYMOUNT LANE, 150' WEST OF NILE ROAD</td>
<td>48'' x 18''</td>
<td>I</td>
<td>WOOD</td>
<td>4''x4''</td>
<td>16'</td>
<td>T</td>
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<td>9</td>
<td>620-1</td>
<td>NILE ROAD, 500' NORTH OF E.O.P.</td>
<td>48'' x 18''</td>
<td>I</td>
<td>WOOD</td>
<td>4''x4''</td>
<td>16'</td>
<td>T</td>
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<tr>
<td>10</td>
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<td>NILE ROAD, 1000' NORTH OF E.O.P.</td>
<td>48'' x 18''</td>
<td>I</td>
<td>WOOD</td>
<td>4''x4''</td>
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<tr>
<td>11</td>
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<td>NILE ROAD, 1500' NORTH OF E.O.P.</td>
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<td>WOOD</td>
<td>4''x4''</td>
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<td>WOOD</td>
<td>4''x4''</td>
<td>16'</td>
<td>T</td>
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**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 SIGN BOOK.
4. POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
5. WIDTH DISTANCE FROM THE EXISTING SHOULDER, OR FACE OF CURB, TO THE SIGN POST.
6. ALL SIGNS, POSTS AND ANY OTHER TRAFFIC CONTROL DEVICES SHALL BE SUPPLIED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
7. THE POSTS SHALL NOT PROTRUDE ABOVE THE SIGNS.
# SIGN REMOVAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>SIGN NO.</th>
<th>MUTCD SIGN #</th>
<th>LOCATION</th>
<th>SIGN SIZE</th>
<th>POST MATERIAL</th>
<th>POST SIZE</th>
<th>REMARKS</th>
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<td>W1-1R</td>
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<td>2 EACH OM-3R X OM-3L</td>
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<td>WOOD</td>
<td>4&quot; x 4&quot;</td>
<td>4 SIGNS, 1 EACH CORNER OF BRIDGE</td>
<td></td>
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</table>

### NOTES:
1. MUTCD (Manual on Uniform Traffic Control Devices).
2. FOR CODE REFERENCES AND STANDARD SIGN LAYOUT DETAILS, SEE STANDARD HIGHWAY SIGN BOOK.
3. THE SIGNS AND POSTS SHALL BE DISASSEMBLED AND DELIVERED TO THE YAKIMA COUNTY PUBLIC WORKS DEPARTMENT MAINTENANCE SHOP AT

---

C 2892
PREPARED UNDER THE DIRECTION OF:
COUNTY ENGINEER
DATE: 9/6/07

PROJECT ENGINEER: M. KEEDAN
CHECKED BY: E. MULLERY

SIGN REMOVAL PLAN SPECIFICATIONS

SHEET 74 OF 15
TYPICAL SIGN INSTALLATION

NOTE: ROAD NAME ON BOTH SIDES.

YAKIMA COUNTY PUBLIC WORKS
ROAD NAME SIGN
09-01-2018

1/0038

NOTE: ROAD NAME ON BOTH SIDES.

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NOTE: ROAD NAME ON BOTH SIDES.
# PERMANENT SIGNING SPECIFICATIONS

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<th>LOCATION (FT)</th>
<th>SIGN SIZE (IN)</th>
<th>SHEETING TYPE</th>
<th>POST MATERIAL</th>
<th>POST SIZE (IN)</th>
<th>POST EXT END</th>
<th>CLEARANCE (FT)</th>
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## 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 Sign Book.
4. Post lengths shown are approximate. Final values shall be determined in the field by the contractor.
5. W = Distance from the existing shoulder, or face of curb, to the sign post.
6. All signs, posts and any other traffic control devices shall be supplied, erected and maintained by the contractor.
7. The posts shall not protrude above the signs.
### ROAD CLOSURE SIGN SPECIFICATIONS

<table>
<thead>
<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>
<th>CLEARANCE</th>
<th>NOTES</th>
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<tbody>
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<td>SAME</td>
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5. DISTANCE FROM THE EXITING SHOULDER, OR FACE OF CURB, TO THE SIGN POST.
6. ALL SIGNS, POSTS AND ANY OTHER TRAFFIC CONTROL DEVICES SHALL BE SUPPLIED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
7. THE POSTS SHALL NOT PROTRUDE ABOVE THE SIGNS.
## ROAD CLOSURE SIGN SPECIFICATIONS

<table>
<thead>
<tr>
<th>SIGN NO.</th>
<th>MUTCD SIGN #</th>
<th>LOCATION</th>
<th>SIGN SIZE</th>
<th>SHEET SIZE</th>
<th>POST MATERIAL</th>
<th>POST SIZE</th>
<th>POST LENGTH</th>
<th>CLEARANCE</th>
<th>NOTES</th>
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<td>W2-3</td>
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7. THE POSTS SHALL NOT PROTRUDE ABOVE THE SIGNS.
NOTES:
1. A minimum of three (3) Type III barricades shall be placed across the roadway, from outside edge of shoulder to outside edge of shoulder, in order to block the entire roadway.

TYPICAL SIGN INSTALLATION

EDGE OF TRAVELED WAY

EDGE OF SHOULDER

ROAD WORK AHEAD
# ROAD CLOSURE SIGN SPECIFICATIONS

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<th>SIGN NO.</th>
<th>MUTCD SIGN #</th>
<th>LOCATION</th>
<th>SIGN SIZE</th>
<th>SHEET TYPE</th>
<th>POST MATERIAL</th>
<th>POST SIZE</th>
<th>POST LENGTH</th>
<th>CLEARANCE</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>W02-1</td>
<td>S.R. 410, 1000' SOUTH OF NILE ROAD SOUTH ENTRANCE</td>
<td>48&quot; x 48&quot;</td>
<td>WOOD</td>
<td>4&quot; x 4&quot;</td>
<td>6&quot; H</td>
<td>7' V</td>
<td>10' W</td>
<td><em>NILE RD</em> MOUNTED ABOVE SIGN NO. 2</td>
</tr>
<tr>
<td>2</td>
<td>E02-2</td>
<td>S.R. 410, 1000' SOUTH OF NILE ROAD SOUTH ENTRANCE</td>
<td>36&quot; x 18&quot;</td>
<td>WOOD</td>
<td>4&quot; x 4&quot;</td>
<td>6&quot; H</td>
<td>7' V</td>
<td>10' W</td>
<td><em>2 MILES AHEAD</em></td>
</tr>
<tr>
<td>3</td>
<td>M4-RL</td>
<td>NILE ROAD, 200' WEST OF S.R. 410</td>
<td>30&quot; x 24&quot;</td>
<td>WOOD</td>
<td>4&quot; x 4&quot;</td>
<td>6&quot; H</td>
<td>7' V</td>
<td>10' W</td>
<td><em>NILE RD</em> MOUNTED ABOVE SIGN NO. 6</td>
</tr>
<tr>
<td>4</td>
<td>D3-201(M)O3</td>
<td>SAME</td>
<td>24&quot; x 6&quot;</td>
<td>SAME</td>
<td>SAME</td>
<td>SAME</td>
<td>7' V</td>
<td>10' W</td>
<td><em>NILE RD</em> MOUNTED ABOVE SIGN NO. 10</td>
</tr>
</tbody>
</table>

**NOTES:**

1. MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES).
2. FOR STRUCTURE AND MOUNTING DETAILS, SEE STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION, SERIES G.
3. FOR CODE REFERENCES AND STANDARD SIGN LAYOUT DETAILS, SEE STANDARD HIGHWAY SIGN BOOK.
4. POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
5. W-DISTANCE FROM THE EXISTING SHOULDER, OR FACE OF CURB, TO THE SIGN POST.
6. ALL SIGNS, POSTS AND ANY OTHER TRAFFIC CONTROL DEVICES SHALL BE SUPPLIED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
7. THE POSTS SHALL NOT PROTRUDE ABOVE THE SIGNS.
## ROAD CLOSURE SIGN SPECIFICATIONS

<table>
<thead>
<tr>
<th>SIGN NO.</th>
<th>MUTCD SIGN #</th>
<th>LOCATION</th>
<th>SIGN SIZE</th>
<th>SHEET TYPE</th>
<th>POST MATERIAL</th>
<th>POST SIZE</th>
<th>POST LENGTH</th>
<th>CLEARANCE</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>(30)</td>
<td>N20-3</td>
<td>Nile Road, 500' North of Closure</td>
<td>48&quot; x 48&quot;</td>
<td>I WOOD</td>
<td>4.5&quot;x4&quot;</td>
<td>16&quot;</td>
<td>7&quot;</td>
<td>10&quot;</td>
<td></td>
</tr>
<tr>
<td>(31)</td>
<td>N20-1</td>
<td>Nile Road, 1000' North of Closure</td>
<td>48&quot; x 48&quot;</td>
<td>I WOOD</td>
<td>4.5&quot;x4&quot;</td>
<td>16&quot;</td>
<td>7&quot;</td>
<td>10&quot;</td>
<td></td>
</tr>
<tr>
<td>(32)</td>
<td>N20-1</td>
<td>Clover Springs Road, 200' West of Nile Road</td>
<td>48&quot; x 48&quot;</td>
<td>I WOOD</td>
<td>4.5&quot;x4&quot;</td>
<td>16&quot;</td>
<td>7&quot;</td>
<td>10&quot;</td>
<td></td>
</tr>
<tr>
<td>(33)</td>
<td>N20-2</td>
<td>Nile Road, 500' North of Clover Springs Road</td>
<td>36&quot; x 18&quot;</td>
<td>I WOOD</td>
<td>4.5&quot;x4&quot;</td>
<td>16&quot;</td>
<td>7&quot;</td>
<td>10&quot;</td>
<td></td>
</tr>
<tr>
<td>(34)</td>
<td>N20-3</td>
<td>Nile Road, 2500' North of Closure</td>
<td>60&quot; x 30&quot;</td>
<td>I WOOD</td>
<td>4.5&quot;x4&quot;</td>
<td>16&quot;</td>
<td>7&quot;</td>
<td>10&quot;</td>
<td>&quot;1/2 MILE AHEAD&quot;</td>
</tr>
<tr>
<td>(35)</td>
<td>M4-RU</td>
<td>S.R. 410, 2000' South of Nile Road North Entrance</td>
<td>30&quot; x 24&quot;</td>
<td>I WOOD</td>
<td>4.5&quot;x4&quot;</td>
<td>16&quot;</td>
<td>6&quot;</td>
<td>10&quot;</td>
<td></td>
</tr>
<tr>
<td>(36)</td>
<td>M4-RL</td>
<td>S.R. 410, 1200' South of Nile Road North Entrance</td>
<td>30&quot; x 24&quot;</td>
<td>I WOOD</td>
<td>4.5&quot;x4&quot;</td>
<td>16&quot;</td>
<td>7&quot;</td>
<td>10&quot;</td>
<td></td>
</tr>
<tr>
<td>(37)</td>
<td>M4-RL</td>
<td>S.R. 410, 1200' South of Nile Road North Entrance</td>
<td>30&quot; x 24&quot;</td>
<td>I WOOD</td>
<td>4.5&quot;x4&quot;</td>
<td>16&quot;</td>
<td>7&quot;</td>
<td>10&quot;</td>
<td></td>
</tr>
<tr>
<td>(38)</td>
<td>M4-RL</td>
<td>S.R. 410, 500' South of Nile Road North Entrance</td>
<td>30&quot; x 24&quot;</td>
<td>I WOOD</td>
<td>4.5&quot;x4&quot;</td>
<td>16&quot;</td>
<td>8&quot;</td>
<td>10&quot;</td>
<td></td>
</tr>
<tr>
<td>(39)</td>
<td>M4-RL</td>
<td>S.R. 410, 500' West of S.R. 410</td>
<td>30&quot; x 24&quot;</td>
<td>I WOOD</td>
<td>4.5&quot;x4&quot;</td>
<td>16&quot;</td>
<td>8&quot;</td>
<td>10&quot;</td>
<td></td>
</tr>
</tbody>
</table>

### 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 sign book.
4. Post Lengths shown are approximate. Final values shall be determined in the field by the contractor.
5. W-distance from the existing shoulder, or face of curb, to the sign post.
6. All signs, posts and any other traffic control devices shall be supplied, erected and maintained by the contractor.
7. The posts shall not protrude above the signs.
NOTE: A MINIMUM OF THREE (3) TYPE III BARRICADES SHALL BE PLACED ACROSS THE ROADWAY, FROM OUTSIDE EDGE OF SHOULDER TO OUTSIDE EDGE OF SHOULDER, IN ORDER TO BLOCK THE ENTIRE ROADWAY.

EDGE OF TRAVELED WAY

EDGE OF SHOULDER

ROAD WORK AHEAD

TYPICAL SIGN INSTALLATION