CONTRACT
SPECIFICATIONS

For The Construction Of:
LAMPE ROAD
IMPROVEMENT PROJECT
(N. WENAS ROAD TO NAGLER ROAD)
C 3203
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
STATE OF WASHINGTON
27388
REGISTERED PROFESSIONAL ENGINEER

COUNTY ENGINEER

DATE: 2/6/13
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INFORMATIONAL
BID DOCUMENTS
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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 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 February 20, 2013.

The bids shall be publicly 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 N. 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.

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 projects:

C 3203 – LAMPE ROAD IMPROVEMENTS: N. WENAS ROAD TO NAGLER ROAD

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. 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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</thead>
<tbody>
<tr>
<td>1</td>
<td>MOBILIZATION</td>
<td>1</td>
<td>L.S.</td>
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<td>CLEARING AND GRUBBING</td>
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<td>3</td>
<td>REMOVAL OF STRUCTURE AND OBSTRUCTION</td>
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<td>REMOVING FENCE</td>
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<td>5</td>
<td>POT HOLING</td>
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<td></td>
<td>GRADING</td>
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<td>6</td>
<td>ROADWAY EXCAVATION INCL. HAUL</td>
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<td>7</td>
<td>POND EXCAVATION INCL. HAUL</td>
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<td>TONS</td>
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<td>8</td>
<td>QUARRY SPALLS</td>
<td>72</td>
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<td>9</td>
<td>UNDERDRAIN PIPE 36 IN. DIAM.</td>
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<td>SCHEDULE A APPROACH PIPE 12 IN. DIAM.</td>
<td>30</td>
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<td>11</td>
<td>SCHEDULE A CULV. PIPE 12 IN. DIAM.</td>
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<td>STORM SEWER</td>
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<td>12</td>
<td>CATCH BASIN TYPE 1</td>
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<td>CATCH BASIN TYPE 2 48 IN. DIAM.</td>
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<td>15</td>
<td>SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.</td>
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<td>CL. II REINF. CONC. CULVERT PIPE 12 IN. DIAM. (COUNTY FURNISHED)</td>
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## PROPOSAL – Continued

<table>
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<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>CRUSHED SURFACING BASE COURSE</td>
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<td>CRUSHED SURFACING TOP COURSE</td>
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<td><strong>HOT MIX ASPHALT</strong></td>
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<td><strong>EROSION CONTROL AND PLANTING</strong></td>
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<td>22</td>
<td>ESC LEAD</td>
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<td>DAY</td>
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<td>24</td>
<td>MULCHING WITH PAM</td>
<td>1</td>
<td>ACRE</td>
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<td>25</td>
<td>SEEDING, FERTILIZING, AND MULCHING</td>
<td>1</td>
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<td>26</td>
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<td>27</td>
<td>TOP SOIL TYPE B</td>
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<tr>
<td><strong>TRAFFIC</strong></td>
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<td>28</td>
<td>CEMENT CONC. TRAFFIC Curb AND Gutter</td>
<td>7,400</td>
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<td>PAINT LINE</td>
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<td>PERMANENT SIGNING</td>
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<td>OTHER TEMPORARY TRAFFIC CONTROL</td>
<td>1</td>
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<td>FLAGGERS AND SPOTTERS</td>
<td>400</td>
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<td>TRAFFIC CONTROL SUPERVISOR</td>
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<td>CONSTRUCTION SIGNS CLASS A</td>
<td>185</td>
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<td><strong>OTHER ITEMS</strong></td>
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<td>SHORING OR EXTRA EXCAVATION CLASS B</td>
<td>3,565</td>
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<td>36</td>
<td>GRAVEL BACKFILL FOR PIPE ZONE BEDDING AND TRENCH</td>
<td>1,576</td>
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<td>37</td>
<td>GRAVEL BACKFILL FOR DRYWELLS</td>
<td>162</td>
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<td>$</td>
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<td>38</td>
<td>MONUMENT CASE AND COVER (COUNTY FURNISHED)</td>
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<td>MINOR CHANGES</td>
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<td>$15,000.00</td>
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<td>41</td>
<td>PRIVATE PIPE CONNECTIONS AND RELOCATION</td>
<td>1</td>
<td>F.A.</td>
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<td>$1,000.00</td>
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<td>42</td>
<td>SPCC PLAN</td>
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<tr>
<td>Item No.</td>
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<tr>
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<td>43</td>
<td>MAIL BOX SUPPORT TYPE 1</td>
<td>11</td>
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<tr>
<td>44</td>
<td>MAILBOX SUPPORT TYPE 2</td>
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<td>EACH</td>
<td>$</td>
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</tr>
</tbody>
</table>

**BID AMOUNT C 3203**

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

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

CASH [ ] IN THE AMOUNT OF __________________________

CASHIER'S CHECK [ ] ______________________________ DOLLARS

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

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

Bidder acknowledges receipt of the following Addendums:

No. Date

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

SIGNATURE 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

__________________________
(Seal and Stamp)

NOTARY PUBLIC

My appointment expires ____________________________

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" or "Article 4" of the Instruction to Bidders for building construction jobs.

(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 3203.
LETTER OF RESPONSIBILITY

Date: ____________________________
County Road Project No.: C 3203

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 3203 – Lampe Roadway Improvements: N. Wenas Road to Miller Road

I have the following equipment available for this work:

________________________________________________________________________
________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

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________________________________________________________________________

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

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

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

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

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

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

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

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

NON-COLLUSION DECLARATION

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

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

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

This certification is also applicable to violations to prevailing wage law (chapter 39.12 RCW), registration law (chapter 18.27 RCW), or industrial insurance law (chapter 51.48 RCW).

________________________________________
Name and Title of Authorized Representative

_____________________________  _________________
Signature                          Date
CONTRACT

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

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

I. The CONTRACTOR shall do all work and furnish all tools and equipment for C 3203 – Lampe Road Improvements: N. Wenal Road to Nagler Road, and shall perform any changes in the work in accordance with the Contract Documents, which include the Contract Form, Bidder’s completed Proposal Form, Scope of Work, Contract Plans, Contract Provisions, Standard Specifications, Standard Plans, Addenda, various certifications and affidavits, supplemental agreements, and any change orders.

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

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

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

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

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

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

CONTRACTOR:
Signed: ________________, 2013

______________

Signature for

Print or Type Name of Person Signing

Title

Foregoing Contract approved and ratified
________________________, 20__

Surety

Attorney in fact

BOARD OF YAKIMA COUNTY COMMISSIONERS

Signed: ________________, 2013

________________________
Michael D. Leita, Chairman

________________________
Kevin J. Bouchey, Commissioner

________________________
J. Rand Elliott, Commissioner

ATTEST: Clerk of the Board

________________________
Tiera Girard

Approved as to form:

________________________
Deputy Prosecuting Attorney
PERFORMANCE BOND

(RCW 39.08)

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

THE CONDITION of this bond is such that WHEREAS, on _________________, 20___, the PRINCIPAL executed a certain Contract with the County, by the terms of which PRINCIPAL agrees to furnish all material and labor and will undertake and complete the construction of for C 3203 – Lampe Road Improvements; N. Wenon Road to Nagler Road 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 __________________, 2013.

PRINCIPAL

By: __________________________

Title: __________________________

SURETY

By: __________________________

Attorney-in-Fact

Name of Local Office of Agent

Address of Local Office Agent

BOND NUMBER

APPROVED: YAKIMA COUNTY

Chair of the Board of
Yakima County Commissioners

Date: _______________ 2013

Approved as to form:

Deputy Prosecuting Attorney

INFORMATIONAL BID DOCUMENTS

C 3203

11
AMENDMENTS TO THE STANDARD SPECIFICATIONS
INTRODUCTION

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

AMENDMENTS TO THE STANDARD SPECIFICATIONS

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

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

DIVISION 1
GENERAL REQUIREMENTS

SECTION 1-01, DEFINITION AND TERMS
August 6, 2012

1-01.3 Definitions
The definition for “Bid Documents” is revised to read:

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

The definition for “Superstructures” is revised to read:

The part of the Structure above:

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

Longitudinal limits of the Superstructure extend from end to end of the Structure in accordance with the following criteria:
1. From the face of end diaphragm abutting the bridge approach embankment for end piers without expansion joints, or

2. From the end pier expansion joint for bridges with end pier expansion joints.

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

Superstructures do not include endwalls, wingwalls, barrier and railing attached to the wingwalls, and cantilever barriers and railings unless supported by the Superstructure.

SECTION 1-02, BID PROCEDURES AND CONDITIONS
January 2, 2012

1-02.4(2) Subsurface Information
The first two sentences in the first paragraph are revised to read:

If the Contracting Agency has made subsurface investigation of the site of the proposed work, the boring log data, soil sample test data, and geotechnical recommendations reports obtained by the Contracting Agency will be made available for inspection by the Bidders at the location specified in the Special Provisions. The Summary of Geotechnical Conditions, as an appendix to the Special Provisions, and the boring logs shall be considered as part of the Contract.

SECTION 1-03, AWARD AND EXECUTION OF CONTRACT
April 2, 2012

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

1-03.1(1) Identical Bid Totals

SECTION 1-05, CONTROL OF WORK
August 6, 2012

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

SECTION 1-06, CONTROL OF MATERIAL
January 7, 2013

1-06.1(4) Fabrication Inspection Expense
The first paragraph is revised to read:

In the event the Contractor elects to have items fabricated beyond 300 miles from Seattle, Washington, the Contracting Agency will deduct from payment due the Contractor costs to perform fabrication inspection on the following items:

- Bridge Bearings (Cylindrical, Disc, Fabric Pad, Pin, Pendulum, Rocker, and Spherical)
- Cantilever Sign Structures and Sign Bridges
- Epoxy-Coated Reinforcing Steel
- Metal Bridge Railing and Handrail
- Modular Expansion Joints
- Painted Piling and Casing
- Painted and Powder-Coated Luminaire and Signal Poles
- Precast Concrete Catch Basins, Manholes, Inlets, Drywells, and Risers
- Precast Concrete Drain, Perforated Underdrain, Culvert, Storm Sewer, and Sanitary Sewer Pipe
- Precast Concrete Three Sided Structures
- Precast Concrete Junction Boxes, Pull Boxes, Cable Vaults, Utility Vaults, and Box Culverts
- Precast Concrete Traffic Barrier
- Precast Concrete Marine Pier Deck Panels
- Precast Concrete Floor Panels
- Precast Concrete Structural Earth Walls, Noise Barrier Walls, and Wall Stem Panels
- Precast Concrete Retaining Walls, including Lagging Panels
- Prestressed Concrete Girders and Precast Bridge Components
- Prestressed Concrete Piles
- Seismic Retrofit Earthquake Restrainers
- Soldier Piles
- Steel Bridges and Steel Bridge Components
- Steel Column Jackets
- Structural Steel for Ferry Terminals, including items such as Dolphins, Wingwalls, and Transfer Spans
- Treated Timber and Lumber 6-inch by 6-inch or larger
- Timber
- Additional items as may be determined by the Engineer
The footnote below the table is revised to read:

* An inspection day includes any calendar day or portion of a calendar day spent by one inspector inspecting, on standby, or traveling to and from a place of fabrication. An additional cost per inspection day will be assessed for each additional inspector. Reimbursement will be assessed at $280.00 per day for weekends and holidays for each on site inspector in travel status, but not engaged in inspection or travel activities when fabrication activities are not taking place.

SECTION 1-07, LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC
January 7, 2013

1-07.1 Laws to be Observed
The following two sentences are inserted after the first sentence in the third paragraph:

In particular the Contractor’s attention is drawn to the requirements of WAC 296.800 which requires employers to provide a safe workplace. More specifically WAC 296.800.11025 prohibits alcohol and narcotics from the workplace.

1-07.9(2) Posting Notices
This section is revised to read:

Notices and posters shall be placed in areas readily accessible to read by employees. The Contractor shall ensure the following are posted:

2. FHWA-1022 (revised 11/11) - NOTICE Federal-Aid Project published by Federal Highway Administration (FHWA). Post for projects with federal-aid funding
3. WH 1321 (revised 04/09) - Employee Rights under the Davis-Bacon Act published by US Department of Labor. Post for projects with federal-aid funding
4. WHD 1088 (revised 07/09) - Employee Rights under the Fair Labor Standards Act published by US Department of Labor. Post on all projects
5. WHD - 1420 (revised 01/09) - Employee Rights and Responsibilities under The Family and Medical Leave Act published by US Department Of Labor. Post on all projects
6. WHD-1462 (revised 01/12) – Employee Polygraph Protection Act published by US Department of Labor. Post on all projects
7. F416-081-909 (revised 12/12) - Job Safety and Health Law published by Washington State Department of Labor and Industries. Post on all projects

8. F242-191-909 (revised 12/12) - Notice to Employees published by Washington State Department of Labor and Industries. Post on all projects

9. F700-074-909 (revised 12/12) - Your Rights as a Worker in Washington State by Washington State Department of Labor and Industries (L&I). Post on all projects

10. EMS 9874 (revised 04/12) - Unemployment Benefits published by Washington State Employee Security Department. Post on all projects

11. Post one copy of the approved “Statement of Intent to Pay Prevailing Wages” for the Contractor, each Subcontractor, each lower tier subcontractor, and any other firm (Supplier, Manufacturer, or Fabricator) that falls under the provisions of RCW 39.12 because of the definition of “Contractor” in WAC 296-127-010

12. Post one copy of the prevailing wage rates for the project

1-07.14 Responsibility for Damage

The fifth paragraph is revised to read:

Pursuant to RCW 4.24.115, if such claims, suits, or actions result from the concurrent negligence of (a) the indemnitee or the indemnitee’s agents or employees and (b) the Contractor or the Contractor’s agent or employees, the indemnity provisions provided in the preceding paragraphs of this Section shall be valid and enforceable only to the extent of the Contractor’s negligence or the negligence of its agents and employees.

1-07.15 Temporary Water Pollution/Erosion Control

The third paragraph is deleted.

SECTION 1-08, PROSECUTION AND PROGRESS

April 2, 2012

1-08.1 Subcontracting

In the eighth paragraph, “Contracting Agency” is revised to read “WSDOT”.

1-08.3(1) General Requirements

The following new paragraph is inserted after the first paragraph:

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

1-08.7 Maintenance During Suspension

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

SECTION 1-09, MEASUREMENT AND PAYMENT
August 6, 2012

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

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

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

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

DIVISION 3
AGGREGATE PRODUCTION AND ACCEPTANCE

SECTION 3-04, ACCEPTANCE OF AGGREGATE
April 2, 2012

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

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

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

| 9-03.14(4) | Gravel Borrow for Geosynthetic Retaining Wall | 4000 | 2000 | $30  | $60 |
DIVISION 5
SURFACE TREATMENTS AND PAVEMENTS

SECTION 5-04, HOT MIX ASPHALT
January 7, 2013

5-04.2 Materials
The fourth paragraph is revised to read:

The grade of asphalt binder shall be as required by the Contract. Blending of asphalt binder from different sources is not permitted.

5-04.3(7)A General
This section is supplemented with the following:

The Contractor shall include the brand and type of anti-stripping additive in the mix design submittal and provide certification from the asphalt binder manufacture that the anti-stripping additive is compatible with the crude source and formulation of asphalt binder proposed in mix design.

5-04.3(7)A3 Commercial Evaluation
The second sentence in the second paragraph is deleted.

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

5-04.3(10)B3 Vacant

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

5-04.3(20) Anti-Stripping Additive
This section is revised to read:

Anti-stripping additive shall be added to the liquid asphalt by the asphalt supplier prior to shipment to the asphalt mixing plant. For HMA accepted by statistical and nonstatistical evaluation the anti-stripping additive shall be added in the amount designated in the WSDOT mix design/anti-strip evaluation report provided by the Contracting Agency. For HMA accepted by commercial evaluation the Project Engineer will determine the amount of anti-strip to be added; paving shall not begin before the anti-strip requirements have been provided to the Contractor.
5-04.4 Measurement
The last paragraph is deleted.

5-04.5 Payment
The bid item “Longitudinal Joint Density Price Adjustment”, by calculation and paragraph
following bid item are deleted.

DIVISION 6
STRUCTURES

SECTION 6-02, CONCRETE STRUCTURES
January 7, 2013

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

****145

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

****Maximum of 200 pounds

The paragraph following the table “Cemenitious Requirements for Concrete” is revised to read:

When both ground granulated blast furnace slag and fly ash are included in the concrete
mix, the total weight of both these materials is limited to 40 percent by weight of the total
cemenitious material for concrete Class 4000D and 4000A, and 50 percent by weight of the
total cemenitious material for all other classes of concrete.

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

Where concrete Class 3000 is specified for items such as, culvert headwalls, plugging
culverts, concrete pipe collars, pipe anchors, monument cases, Type PPB, PS, I, FB and RM
signal standards, pedestals, cabinet bases, guardrail anchors, fence post footings, sidewalks,
curbs, and gutters, the Contractor may use commercial concrete. If commercial concrete is
used for sidewalks, curbs, and gutters, it shall have a minimum cemenitious material
content of 564 pounds per cubic yard of concrete, shall be air entrained, and the tolerances
of Section 6-02.3(5)C shall apply.
6-02.3(2)D Lean Concrete
This section is revised to read:

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

6-02.3(4)A Qualification of Concrete Suppliers
The first paragraph is revised to read:

Batch Plant Prequalification requires a certification by the National Ready Mix Concrete Association (NRMCA). Information concerning NRMCA certification may be obtained from the NRMCA at 900 Spring Street, Silver Springs, MD 20910 or online at www.nrmca.org. The NRMCA certification shall be valid for a 2-year period from the date of certificate. The following documentation shall be submitted to the Project Engineer; a copy of the current NRMCA Certificate of Conformance, the concrete mix design(s) (WSDOT Form 350-040), along with copies of the truck list, batch plant scale certification, admixture dispensing certification, and volumetric water batching devices (including water meters) verification.

6-02.3(5)G Sampling and Testing Frequency for Temperature, Consistency, and Air Control
The last sentence in the second paragraph is revised to read:

Sampling shall be performed in accordance with WSDOT FOP for WAQTC TM 2 and random samples shall be selected in accordance with WSDOT TM 716.

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

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

1. Surface preparation
2. Application methods
3. Requirements for concrete curing prior to sealer application
4. Temperature, humidity and precipitation limitations for application
5. Rate of application and number of coats to apply

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

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

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

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

6-02.3(16) Plans for Falsework and Formwork
Item No. 4 in the seventh paragraph is revised to read:

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

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

The following paragraph is inserted after the seventh paragraph:

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

1. Concrete placement rate is 4 feet per hour or less.
2. Facing is ¾-inch plywood with grades as specified per Section 6-02.3(17)I.
3. Studs, with plywood face grain perpendicular, are 2 by 4’s spaced at 12 inches.
4. Walers with 3,000 pound safe working load ties spaced at 24 inches are two 2 by 4’s spaced at 24 inches.

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

This section is supplemented with the following new sub-section:
6-02.3(17)F5 Temporary Bracing for Bridge Girders During Diaphragm and Bridge Deck Concrete Placement
Prestressed concrete girders shall be braced to resist forces that would cause rotation or torsion in the girders caused by the placing of precast concrete deck panels and concrete for the bridge deck.

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

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

6-02.3(17)E4 Temporary Bracing for Bridge Girders
This section including title is revised to read:

6-02.3(17)E4 Temporary Bracing for Bridge Girders During Erection
Steel girders shall be braced in accordance with Section 6-03.3(7)A.

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

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

6-02.3(17)H Formwork Accessories
The first paragraph is deleted and replaced with the following two new paragraphs:

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

Taper ties may be used provided the following conditions are met:
1. The structure is not designed to resist water pressure (pontoons, floating dolphins, detention vaults, etc.)

2. After the taper tie is removed, plugs designed and intended for plugging taper tie holes shall be installed at each face of concrete. The plug shall be installed a minimum of 1 ½” clear from the face of concrete.

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

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

**6-02.3(25)N Prestressed Concrete Girder Erection**

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

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

**6-02.3(26)E5 Leak Tightness Testing**

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

The Contractor shall test each completed duct assembly for leak tightness after placing concrete but prior to placing post tensioning reinforcement.

The second paragraph is revised to read:

Prior to testing, all grout caps shall be installed and 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. 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. If the pressure loss exceeds the allowable, locations of leakage shall be identified, repaired or reconstructed using methods approved by the Engineer. The repaired system shall then be 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.
DIVISION 7
DRAINAGE STRUCTURES, STORM SEWERS, SANITARY SEWERS,
WATER MAINS, AND CONDUITS

SECTION 7-02, CULVERTS
August 6, 2012

7-02.2 Materials
Note 3 in the table titled, “Culvert Pipe Schedules” is revised to read:

3Polypropylene pipe, 12 inch to 30 inch diameters approved for Schedule A and Schedule B, 36 inch to 60 inch diameters approved for Schedule A only.

7-02.5
The bid item “Steel Rib Reinforced Polyethylene Culvert Pipe _____ In. Diam.”, per linear foot is revised to read:

“St. Rib Reinf Polyethylene Culv. Pipe _____ In. Diam.”, per linear foot

SECTION 7-03, STRUCTURAL PLATE PIPE, PIPE ARCH, ARCH, AND UNDERPASS
August 6, 2012

7-03.3(1) Foundations, General
This section is supplemented with the following:

When aluminum pipe or pipe arch is in contact with cement concrete, two coats of paint shall be applied in accordance with Section 7-08.3(2)D.

7-03.3(5) Headwalls
This section is supplemented with the following:

When aluminum pipe or pipe arch is in contact with cement concrete, two coats of paint shall be applied in accordance with Section 7-08.3(2)D.

SECTION 7-04, STORM SEWERS
August 6, 2012

7-04.3(1)B Exfiltration Test – Storm Sewers
The fifth column title “PE4” is revised to read “PP4” from the table titled, “Storm Sewer Pipe Schedules”.

Note 4 in the table titled, “Storm Sewer Pipe Schedules” is revised to read:
PP = Polypropylene Pipe, 12 inch to 30 inch approved for Schedule A and Schedule B, 36 inch to 60 inch diameters approved for Schedule A only.

7-04.5
The bid item “Steel Rib Reinforced Polyethylene Storm Sewer Pipe _____ In Diam”, per linear foot is revised to read:

“St. Rib Reinfs Polyethylene Storm Sewer Pipe _____ In. Diam”, per linear foot

SECTION 7-05, MANHOLES, INLETS, CATCH BASINS, AND DRYWELLS
April 2, 2012

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

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

SECTION 7-08, GENERAL PIPE INSTALLATION REQUIREMENTS
August 6, 2012

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

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

DIVISION 8
MISCELLANEOUS CONSTRUCTION

SECTION 8-01, EROSION CONTROL AND WATER POLLUTION CONTROL
January 7, 2013

8-01.2 Materials
The first paragraph is revised to read:

Materials shall meet the requirements of the following sections:
8-01.3(2)D Mulching
The following two new paragraphs are inserted after the fourth paragraph:

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

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

8-01.3(2)E Soil Binders and Tackling Agents
This section including title is revised to read:

8-01.3(2)E Tackifiers
Tackifiers applied using a hydroseeder shall have a mulch tracer added to visibly aid uniform application. This tracer shall not be harmful to plant, aquatic, or animal life. A minimum of 125 pounds per acre and a maximum of 250 pounds per acre of Short-Term Mulch shall be used as a tracer. Tackifier shall be mixed and applied in accordance with the manufacturer’s recommendations.

Soil Binding Using Polyacrylamide (PAM) – The PAM shall be applied on bare soil completely dissolved and mixed in water or applied as a dry powder. Dissolved PAM shall be applied at a rate of not more than \( \frac{1}{8} \) pound per 1,000 gallons of water per acre. A minimum of 200 pounds per acre of Short-Term Mulch shall be applied with the dissolved PAM. Dry powder applications may be at a rate of 5 pounds per acre using a hand-held fertilizer spreader or a tractor-mounted spreader.

PAM shall be applied only to areas that drain to completed sedimentation control BMPs in accordance with the TESC Plan. PAM may be reapplied on actively worked areas after a 48-hour period.

PAM shall not be applied during rainfall or to saturated soils

8-01.3(2)F Dates for Application of Final Seed, Fertilizer, and Mulch
In the first paragraph, “Engineer” is revised to read “Project Engineer”.
Note 1 of the table in the first paragraph is revised to read:

Where Contract timing is appropriate, seeding, fertilizing, and mulching shall be accomplished during the fall period listed above.

The third paragraph is deleted.

### 8-01.3(3) Placing Erosion Control Blanket

This section including title is revised to read:

#### 8-01.3(3) Placing Biodegradable Erosion Control Blanket

Biodegradable Erosion Control Blankets are used as an erosion prevention device and to enhance the establishment of vegetation. Erosion control blankets shall be installed according to the manufacturer's recommendations.

Seeding and fertilizing shall be done prior to blanket installation.

Select erosion control blanket material for an area based on the intended function: slope or ditch stabilization, and site specific factors including soil, slope gradient, rainfall, and flow exposure. Erosion Control Blankets shall not be used on slopes or in ditches that exceed the manufacturer's recommendations.

### 8-01.3(4) Placing Compost Blanket

The first paragraph is revised to read:

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

### 8-01.3(5) Placing Plastic Covering

The second and third paragraphs are revised to read:

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

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

### 8-01.3(6) Check Dams

This section is revised to read:

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

8-01.3(6)A Geotextile-Encased Check Dam
This sections content including title is deleted.

8-01.3(6)B Quarry Spall Check Dam
This sections content including title is deleted.

8-01.3(6)C Sandbag Check Dam
This sections content including title is deleted.

8-01.3(6)D Wattle Check Dam
This sections content including title is deleted.

8-01.3(6)E Coir Log
This sections title is revised to read:

8-01.3(6)A Coir Log

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

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

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

Filter berms shall retain sediment and direct flows. The gravel filter berm shall be a minimum of 1 foot in height and shall be maintained at this height for the entire time they are in use. Rock material used for filter berms shall meet the grading requirements in Section 9-03.9(2), but shall not include any recycled materials as outlined in Section 9-03.21.
8-01.3(9)C Straw Bale Barrier
This section including title is revised to read:

8-01.3(9)C Vacant

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

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

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

Temporary curbs shall divert or redirect water around erodible soils.

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

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

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

The ninth paragraph is deleted.

The twelfth paragraph (after the preceding amendment is applied) is revised to read:

Seeding, fertilizing, liming, mulching, mowing, and tackifier will be measured by the acre by ground slope measurement or through the use of design data

This section is supplemented with the following:

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

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

The bid item “___Erosion Control Blanket”, per square yard is deleted.
The bid item "Soil Binder or Tackling Agent", per acre is deleted.

This section is supplemented with the following:

"Outlet Protection", per each.
The unit Contract price per each for "Outlet Protection" shall be full payment for all costs incurred to complete the Work.

"Tackifier", per acre.
The unit Contract price per acre for "Tackifier" shall be full payment for all costs incurred to complete the Work.

"Biodegradable Erosion Control Blanket", per square yard.
The unit Contract price per square yard for "Biodegradable Erosion Control Blanket" shall be full pay for all costs to complete the specified Work.

SECTION 8-04, CURBS, GUTTERS, AND SPILLWAYS
April 2, 2012

8-04.3(1) Cement Concrete Curbs, Gutters, and Spillways
This section is supplemented with the following new sub-section:

8-04.3(1)B Roundabout Cement Concrete Curb and Gutter
Roundabout cement concrete curb and gutter and roundabout splitter island nosing curb shall be shaped and finished to match the shape of the adjoining curb as shown in the Plans. All other requirements for cement concrete curb and cement concrete curb and gutter shall apply to roundabout cement concrete curb and gutter.

8-04.5 Payment
The bid item, "Roundabout Truck Apron Cement Concrete Curb", per linear foot is deleted.

This section is supplemented with the following:

"Roundabout Cement Concrete Curb and Gutter", per linear foot
The unit Contract price per linear foot for "Roundabout Cement Concrete Curb and Gutter" shall be full payment for all costs for the Work including transitioning the roundabout cement concrete curb and gutter to the adjoining curb shape.

"Roundabout Splitter Island Nosing Curb", per each.
The unit Contract price per each for “Roundabout Splitter Island Nosing Curb” shall be full payment for all costs for the Work including transitioning the roundabout splitter island nosing curb to the adjoining curb shape.

SECTION 8-21, PERMANENT SIGNING
January 7, 2013

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

Materials for sign mounting shall conform to Section 9-28.11.

8-21.3(9)A Fabrication of Steel Structures
The first sentence in the first paragraph is revised to read:

Fabrication shall conform to the applicable requirements of Section 6-03 and 9-06.

This section is supplemented with the following:

All fabrication, including repairs, adjustments or modifications of previously fabricated sign structure members and connection elements, shall be performed in the shop, under an Engineer approved shop drawing prepared and submitted by the Contractor for the original fabrication or the specific repair, adjustment or modification. Sign structure fabrication repair, adjustment or modification of any kind in the field is not permitted. If fabrication repair, adjustment or modification occurs after a sign structure member or connection element has been galvanized, the entire member or element shall be re-galvanized in accordance with AASHTO M 111.

8-21.3(9)B Vacant
This section including title is revised to read:

8-21.3(9)B Erection of Steel Structures
Erection shall conform to the applicable requirements of Sections 6-03 and 8-21.3(9)F. Section 8-21.3(9)F notwithstanding, the Contractor may erect a sign bridge prior to completion of the shaft cap portion of one foundation for one post provided the following conditions are satisfied:

1. The Contractor shall submit design calculations and working drawings of the temporary supports and falsework supporting the sign bridge near the location of the incomplete foundation to the Engineer for approval in accordance with Section 6-01.9. The submittal shall include the method of releasing and removing the temporary supports and falsework without inducing loads and stress into the sign bridge.
2. The Contractor shall submit the method used to secure the anchor bolt array in proper position with the sign bridge while casting the shaft cap concrete to complete the foundation.

3. The Contractor shall erect the sign bridge and temporary supports and falsework, complete the remaining portion of the incomplete foundation, and remove the temporary supports and falsework, in accordance with the working drawing submittals as approved by the Engineer.

8-21.3(9)F Foundations

The following new paragraph is inserted after the second paragraph:

Concrete placed into an excavation where water is present shall be placed using an approved tremie. If water is not present, the concrete shall be placed such that the free-fall is vertical down the center of the shaft without hitting the sides, the steel reinforcing bars, or the steel reinforcing bar cage bracing. The Section 6-02.3(6) restriction for 5-feet maximum free-fall shall not apply to placement of Class 4000P concrete into a shaft.

The ninth paragraph (after implementing the preceding Amendment) is replaced with the following three new paragraphs:

After construction of concrete foundations for sign bridge and cantilever sign structures, the Contractor shall survey the foundation locations and elevations, the anchor bolt array locations and lengths of exposed threads. The Contractor shall confirm that the survey conforms to the sign structure post, beam, span and foundation design geometry shown in the Plans, and shall identify any deviations from the design geometry shown in the Plans. When deviations are identified, the Contractor shall notify the Engineer, and such notice shall be accompanied by the Contractor’s proposed method(s) of addressing the deviations, including removal and reconstruction of the shaft cap portion of the affected concrete foundation as outlined in this Section, or fabrication repair, adjustment or modification, with associated shop drawings, in accordance with Section 8-21.3(9)A.

If the Contractor’s survey indicates that a concrete foundation has been constructed incorrectly for a sign structure that has already been fabricated, the Contractor may remove and reconstruct the shaft cap portion of the foundation, in accordance with Section 1-07.13, provided the following conditions are satisfied:

1. The Contractor shall submit the method and equipment to be used to remove the portion of the concrete foundation to be removed and reconstructed to the Engineer for approval in accordance with Section 1-05.3. The submittal shall include confirmation that the equipment and the method of operation is appropriate to ensure that the existing anchor bolt array and primary shaft vertical steel reinforcing bars will not be damaged.

2. All steel reinforcing bars, except for steel reinforcing bars extending from the bottom portion of the foundation to remain, shall be removed and disposed of in
accordance with Sections 2-02.3 and 2-03.3(7)C, and shall be replaced with new
steel reinforcing bars conforming to the size, dimensions and geometry shown in
the Plans. All concrete of the removed portion of the foundation shall be removed
and disposed of in accordance with Sections 2-02.3 and 2-03.3(7)C.

3. The Contractor shall adjust the primary shaft vertical steel reinforcing bars as
necessary in accordance with Section 6-02.3(24)C to provide clearance for the
anchor bolt array.

Sign structures shall not be erected on concrete foundations until the Contractor confirms
that the foundations and the fabricated sign structures are either compatible with each other
and the design geometry shown in the Plans, or have been modified in accordance with this
Section and as approved by the Engineer to be compatible with each other, and the
foundations have attained a compressive strength of 2,400-psi.

Item number 4 in the twelfth paragraph (after implemented the preceding Amendments) is
revised to read:

4. Concrete shall be Class 4000P, except as otherwise specified. The concrete for the shaft
cap (the portion containing the anchor bolt array assemblies above the construction
joint at the top of the shaft) shall be Class 4000.

Item number 3 in the thirteenth paragraph (after implemented the preceding Amendments) is
revised to read:

3. Unless otherwise shown in the Plans, concrete shall be Class 4000P.

8-21.5 Payment
This section is supplemented with the following:

All costs in connection with surveying completed concrete foundations for sign bridges and
cantilever sign structures shall be included in the lump sum contract price for “Structure
Surveying”, except that when no Bid item is included in the Proposal for “Structure
Surveying” then such costs shall be included in the lump sum contract price(s) for “Sign
Bridge No. ___” and “Cantilever Sign Structure No. ___”.

SECTION 8-22, PAVEMENT MARKING
January 7, 2013

8-22.3(3)D Line Applications
The last paragraph is supplemented with the following:

Grooved line pavement marking shall not be constructed on bridge decks or on bridge
approach slabs.
8.22.3(6) Removal of Pavement Markings
The following two new sentences are inserted after the first sentence:

Grinding to remove painted markings is not allowed. Grinding to remove plastic marking is allowed to a depth just above the pavement surface, then water blasting or shot blasting shall be required to remove the remaining markings.

8.22.4 Measurement
The items “Painted Wide Line” and “Plastic Wide Line” are deleted from the fourth paragraph.

The sixth paragraph is revised to read:

Diagonal lines used to delineate parking stalls that are constructed of painted or plastic 4-inch lines will be measured as “Paint Line” or “Plastic Line” by the linear foot of line installed. Crosswalk line will be measured by the square foot of marking installed.

The following two new paragraphs are inserted after the sixth paragraph:

Crosshatch markings used to delineate median and gore areas will be measured by the completed linear foot as “Painted Crosshatch Marking” or “Plastic Crosshatch Marking”.

The measurement for “Painted Crosshatch Marking” and for “Plastic Crosshatch Marking” will be based on the total length of each 8-inch or 12-inch wide line installed.

8.22.5 Payment
The bid items “Painted Wide Line”, per linear foot and “Plastic Wide Line”, per linear foot are deleted from this section.

This section is supplemented with the following two new bid items:

“Painted Crosshatch Marking”, per linear foot.
“Plastic Crosshatch Marking”, per linear foot.

The following new paragraph is inserted after the last bid item in this section:

The unit Contract price for the aforementioned Bid items shall be full payment for all costs to perform the Work as described in Section 8.22.

DIVISION 9
MATERIALS
SECTION 9-02, BITUMINOUS MATERIALS
January 7, 2013

9-02.4 Anti-Stripping Additive
This section is revised to read:

Anti-stripping additive shall be a product listed in the current WSDOT Qualified Products List (QPL).

SECTION 9-03, AGGREGATES
January 7, 2012

9-03.1(1) General Requirements
The eighth paragraph is deleted.

9-03.13 Backfill for Sand Drains
This section is supplemented with the following:

That portion of backfill retained on a No. 4 sieve shall not contain more than 0.05 percent by weight of wood waste.

9-03.13(1) Sand Drainage Blanket
The last paragraph is revised to read:

That portion of backfill retained on a No. 4 sieve shall not contain more than 0.05 percent by weight of wood waste.

9-03.14(1) Gravel Borrow
Note¹ is deleted, including the reference in the table.

9-03.14(2) Select Borrow
Note¹ is deleted.

Note² is re-numbered Note¹, including the reference in the table.

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

All backfill material for geosynthetic retaining walls shall consist of granular material, either naturally occurring or processed, and shall be free draining, free from organic or otherwise deleterious material. The material shall be substantially free of shale or other soft, poor durability particles, and shall not contain recycled materials, such as glass, shredded tires, portland cement concrete rubble, or asphaltic concrete rubble. The backfill material shall meet the following requirements for grading and quality:
<table>
<thead>
<tr>
<th>Sieve Size</th>
<th>Percent Passing</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/4 in</td>
<td>99-100</td>
</tr>
<tr>
<td>1 in</td>
<td>90-100</td>
</tr>
<tr>
<td>No. 4</td>
<td>50-80</td>
</tr>
<tr>
<td>No. 40</td>
<td>30 max.</td>
</tr>
<tr>
<td>No. 200</td>
<td>7.0 max.</td>
</tr>
<tr>
<td>Sand Equivalent</td>
<td>50 min.</td>
</tr>
</tbody>
</table>

All percentages are by weight

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

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

9-03.21(1) General Requirements

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

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

9-03.21(1)C Vacant

This section including title is revised to read:

9-03.21(1)C Recycled Glass (Glass Cullet)

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

9-03.21(1) E Table on Maximum Allowable Percent (By Weight) of Recycled Material

The column heading “Recycled Glass” is revised to read “Recycled Glass (Glass Cullet)” in the table.

In the column “Recycled Glass (Glass Cullet)” all amounts are revised to read “20” beginning with the item “Ballast” and continuing down until the last item in the table.
SECTION 9-05, DRAINAGE STRUCTURES, CULVERTS, AND CONDUITS
January 7, 2013

9-05.0 Acceptance by Manufacturer's Certification
This section including title is revised to read:

9-05.0 Acceptance and Approval of Drainage Structures, and Culverts
The Drainage Structure or Culvert may be selected from the Qualified Products List, or
submitted using a Request for Approval of Materials (RAM) in accordance with Section 1-
06.

Certain drainage materials may be accepted by the Engineer based on a modified acceptance
criteria when materials are selected from the Qualified Products List (QPL). The modified
acceptance criteria are defined in the QPL for each material.

9-05.1(6) Corrugated Polyethylene Drain Pipe, Couplings, and Fittings (Up to 10 Inch)
This section is supplemented with the following:

Corrugated polyethylene drain pipe manufacturers shall participate in the National
Transportation Product Evaluation Program (NTPEP) work plan for HDPE (High Density
Polyethylene) Thermoplastic Pipe and be listed on the NTPEP audit website displaying they
are NTPEP compliant.

9-05.1(7) Corrugated Polyethylene Drain Pipe, Couplings, and Fittings (12 Inch Through
60 Inch)
This section is supplemented with the following:

Corrugated polyethylene drain pipe manufacturers shall participate in the National
Transportation Product Evaluation Program (NTPEP) work plan for HDPE (High Density
Polyethylene) Thermoplastic Pipe and be listed on the NTPEP audit website displaying they
are NTPEP compliant.

9-05.2(7) Perforated Corrugated Polyethylene Underdrain Pipe (Up to 10 Inch)
This section is supplemented with the following:

Perforated corrugated polyethylene underdrain pipe manufacturers shall participate in the
National Transportation Product Evaluation Program (NTPEP) work plan for HDPE (High
Density Polyethylene) Thermoplastic Pipe and be listed on the NTPEP audit website
displaying they are NTPEP compliant.

9-05.2(8) Perforated Corrugated Polyethylene Underdrain Pipe (12-Inch Through 60 Inch
Diameter Maximum), Couplings, and Fittings
This section is supplemented with the following:

Perforated corrugated polyethylene underdrain pipe manufacturers shall participate in the
National Transportation Product Evaluation Program (NTPEP) work plan for HDPE (High
Density Polyethylene) Thermoplastic Pipe and be listed on the NTPEP audit website displaying they are NTPEP compliant.

9-05.19 Corrugated Polyethylene Culvert Pipe, Couplings, and Fittings
The word “producer” is revised to read “manufacturer”.

The second paragraph is revised to read:

Joints for corrugated polyethylene culvert pipe shall be made with either a bell/bell or bell and spigot coupling and shall incorporate the use of a gasket conforming to the requirements of ASTM D 1056 Type 2 Class B Grade 3 or ASTM F 477. All gaskets shall be factory installed on the coupling or on the pipe by the qualified manufacturer.

This section is supplemented with the following:

Corrugated polyethylene culvert pipe manufacturers shall participate in the National Transportation Product Evaluation Program (NTPEP) work plan for HDPE (High Density Polyethylene) Thermoplastic Pipe and be listed on the NTPEP audit website displaying they are NTPEP compliant.

9-05.20 Corrugated Polyethylene Storm Sewer Pipe, Couplings, and Fittings
The word “producer” is revised to read “manufacturer”.

The first paragraph is revised to read:

Corrugated polyethylene storm sewer pipe, couplings, and fittings shall meet the requirements of AASHTO M 294 Type S or D. The maximum pipe diameter for corrugated polyethylene storm sewer pipe shall be the diameter for which a manufacturer has submitted. Fittings shall be blow molded, rotational molded, or factory welded.

This section is supplemented with the following:

Corrugated polyethylene culvert pipe manufacturers shall participate in the National Transportation Product Evaluation Program (NTPEP) work plan for HDPE (High Density Polyethylene) Thermoplastic Pipe and be listed on the NTPEP audit website displaying they are NTPEP compliant.

9-05.24 Polypropylene Culvert Pipe, Polypropylene Storm Sewer Pipe, and Polypropylene Sanitary Sewer Pipe
This sections content is deleted and replaced with the following:

All joints for polypropylene pipe shall be made with a bell/bell or bell and spigot coupling and shall conform to ASTM D 3212 using elastomeric gaskets conforming to ASTM F 477. All gaskets shall be factory installed on the pipe in accordance with the producer’s recommendations.
Qualification for each producer of polypropylene storm sewer pipe requires joint system conformance to ASTM D 3212 using elastomeric gaskets conforming to ASTM F 477 and a formal quality control plan for each plant proposed for consideration.

A Manufacturer’s Certificate of Compliance shall be required and shall accompany the materials delivered to the project. The certificate shall clearly identify production lots for all materials represented. The Contracting Agency may conduct verification tests of pipe stiffness or other properties it deems appropriate.

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

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

1. For dual wall pipe sizes up to 30 inches: ASTM F2736.

2. For triple wall pipe sizes from 30 to 60 inches: ASTM F2764.

3. For dual wall profile pipe sizes 36 to 60 inches: AASHTO MP 21, Type S or Type D.

4. Fittings shall be factory welded, injection molded or PVC.

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

1. For pipe sizes up to 30 inches: ASTM F2736.

2. For pipe sizes from 30 to 60 inches: ASTM F2764.

3. Fittings shall be factory welded, injection molded or PVC.

**SECTION 9-06, STRUCTURAL STEEL AND RELATED MATERIALS**
**APRIL 2, 2012**

**9-06.5(2) High Strength Bolts**
In this section, “AASHTO M 291” is revised to read “ASTM A 563”.

**SECTION 9-14, EROSION CONTROL AND ROADSIDE PLANTING**
**January 7, 2013**

**9-14.3 Fertilizer**
The second sentence in the first paragraph is revised to read:
It may be separate or in a mixture containing the percentage of total nitrogen, available phosphoric acid, and water-soluble potash or sulfur in the amounts specified.

9-14.4(2) Hydraulically Applied Erosion Control Products (HECPs)
The first sentence in the third paragraph is revised to read:

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

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

| Heavy Metals | EPA 6020A Total Metals | Antimony – < 4 mg/kg  
|--------------|------------------------|----------------------
| Barium – < 80 mg/kg  
| Boron – < 160 mg/kg  
| Cadmium – < 2 mg/kg  
| Total Chromium – < 4 mg/kg  
| Copper – < 10 mg/kg  
| Lead – < 5 mg/kg  
| Mercury – < 2 mg/kg  
| Nickel – < 2 mg/kg  
| Selenium – < 10 mg/kg  
| Strontium – < 30 mg/kg  
| Zinc – < 30 mg/kg  
| Water Holding Capacity | ASTM D 7367 | 800 percent minimum |

9-14.4(2A) Long Term Mulch
In the first paragraph, the phrase “within 2 hours of application” is deleted.

9-14.4(4) Wood Strand Mulch
The last sentence in the second paragraph is deleted.

This section is supplemented with the following new paragraph:

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

9-14.4(8) Compost
The second paragraph is revised to read:

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

The third paragraph is to read:
Compost products shall meet the following physical criteria:

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

Fine compost shall meet the following gradation:

<table>
<thead>
<tr>
<th>Sieve Size</th>
<th>Percent Passing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Minimum</td>
</tr>
<tr>
<td>1”</td>
<td>100</td>
</tr>
<tr>
<td>5/8”</td>
<td>90</td>
</tr>
<tr>
<td>¼”</td>
<td>75</td>
</tr>
</tbody>
</table>

Note Maximum particle length of 4 inches.

Medium compost shall meet the following gradation:

<table>
<thead>
<tr>
<th>Sieve Size</th>
<th>Percent Passing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Minimum</td>
</tr>
<tr>
<td>1”</td>
<td>100</td>
</tr>
<tr>
<td>5/8”</td>
<td>85</td>
</tr>
<tr>
<td>¼”</td>
<td>70</td>
</tr>
</tbody>
</table>

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

Coarse compost shall meet the following gradation:

<table>
<thead>
<tr>
<th>Sieve Size</th>
<th>Percent Passing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Minimum</td>
</tr>
<tr>
<td>2”</td>
<td>100</td>
</tr>
<tr>
<td>1”</td>
<td>90</td>
</tr>
<tr>
<td>¾”</td>
<td>70</td>
</tr>
<tr>
<td>¼”</td>
<td>40</td>
</tr>
</tbody>
</table>

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

2. The pH shall be between 6.0 and 8.5 when tested in accordance with U.S. Composting Council TMECC 04.11-A, “1:5 Slurry pH”.
3. Manufactured inert material (plastic, concrete, ceramics, metal, etc.) shall be less than 1 percent by weight as determined by U.S. Composting Council TMECC 03.08-A “Classification of Inerts by Sieve Size”.

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

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

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

7. Stability shall be 7-mg CO₂-C/g OM/day or below in accordance with U.S. Composting Council TMECC 05.08-B “Carbon Dioxide Evolution Rate”.

8. The compost product shall originate from organic waste as defined in WAC 173 350 as “Type 1 Feedstocks”, “Type 2 Feedstocks”, and/or “Type 3 Feedstocks”. The Contractor shall provide a list of feedstock sources by percentage in the final compost product.

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

9-14.4(8)A Compost Approval

This section’s title is revised to read:

9-14.4(8)A Compost Submittal Requirements

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

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

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

2. A copy of the Solid Waste Handling Permit issued to the manufacturer by the Jurisdictional Health Department in accordance with WAC 173-350 (Minimum Functional Standards for Solid Waste Handling) or for biosolid composts a copy of the Coverage Under the General Permit for Biosolids Management issued to the manufacturer by the Department of Ecology in accordance with WAC 173-308 (Biosolids Management).
9-14.5(1) Polyacrylamide (PAM)
The third sentence is replaced with the following two new sentences:

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

9-14.5(2) Erosion Control Blanket
This section including title is deleted in its entirety and replaced with the following:

9-14.5(2) Biodegradable Erosion Control Blanket
Biodegradable erosion control blankets shall be made of natural plant fibers, and all netting
material, if present, shall biodegrade within a life span not to exceed 2 years.

The Contractor shall provide independent test results from the National Transportation
Product Evaluation Program (NTPEP) meeting the requirements of Section 9-14.5(2)B, 9-
14.5(2)C and 9-14.5(2)D.

9-14.5(2)A Approval and Acceptance of Biodegradable Erosion Control Blankets
The erosion control blanket may be selected from the Qualified Products List, or
submitted using a Request for Approval of Materials (RAM) in accordance with Section
1-06. Erosion control blankets may be accepted by the Engineer based on the modified
acceptance criteria when materials are selected from the QPL. The modified
acceptance criteria are defined in the QPL for each material.

9-14.5(2)B Biodegradable Erosion Control Blanket for Slopes Steeper than 3:1
(H:V)

Table 6

<table>
<thead>
<tr>
<th>Properties</th>
<th>ASTM Test Method</th>
<th>Requirements for Slopes Steeper than 3:1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protecting Slopes from Rainfall-Induced Erosion</td>
<td>ASTM D 6459</td>
<td>C factor = 0.04 maximum for cumulative R-Factor&lt;231</td>
</tr>
<tr>
<td>Soil tested shall be sandy loam as defined by the NRCS**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soil Texture Triangle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mass Per Unit Area</td>
<td>ASTM D 6475</td>
<td>7.6 oz./sq. yd. minimum</td>
</tr>
<tr>
<td>Light Penetration</td>
<td>ASTM D 6567</td>
<td>44 % maximum</td>
</tr>
<tr>
<td>Tensile Strength MD x XD*</td>
<td>ASTM D 6818</td>
<td>10.0 x 6.0 pounds/inch minimum</td>
</tr>
<tr>
<td>Properties</td>
<td>ASTM Test Method</td>
<td>Slope Flatter than 3:1 Requirements</td>
</tr>
<tr>
<td>------------</td>
<td>-----------------</td>
<td>------------------------------------</td>
</tr>
<tr>
<td>Protecting Slopes from Rainfall-Induced Erosion</td>
<td>ASTM D 6459 Soil tested shall be sandy loam as defined by the NRCS** Soil Texture Triangle</td>
<td>C factor = 0.15 maximum for cumulative R-Factor&lt;231</td>
</tr>
<tr>
<td>Mass Per Unit Area</td>
<td>ASTM D 6475</td>
<td>7.6 oz./sq. yd. minimum</td>
</tr>
<tr>
<td>Light Penetration</td>
<td>ASTM D 6567</td>
<td>40% maximum</td>
</tr>
<tr>
<td>Tensile Strength MD x XD*</td>
<td>ASTM D 6818</td>
<td>6.5 x 2.3 pounds/inch minimum</td>
</tr>
<tr>
<td>Tensile Elongation MD x XD*</td>
<td>ASTM D 6818</td>
<td>38% x 33% maximum</td>
</tr>
</tbody>
</table>

*MD is Machine Design and XD is Cross Direction
**Natural Resource Conservation Services

9-14.5(2)C Biodegradable Erosion Control Blanket for Slopes Flatter than 3:1(H:V)

Table 7

<table>
<thead>
<tr>
<th>Properties</th>
<th>Test Method</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Method</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Requirements</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

9-14.5(2)D Biodegradable Erosion Control Blanket for Ditches

Table 8
Performance in Protecting Earthen Channels from Stormwater-Induced Erosion

<table>
<thead>
<tr>
<th>Property</th>
<th>Reference</th>
<th>Limitation</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTM D 6460 Soil tested shall be sandy loam as defined by the NRCS** Soil Texture Triangle</td>
<td>Limiting Shear ($T_{\text{Limit}}$) = 2.0 psf minimum. Limiting Velocity ($V_{\text{Limit}}$) = 7.5 ft/sec flow minimum.</td>
<td></td>
</tr>
<tr>
<td>Mass per Unit Area</td>
<td>ASTM D 6475</td>
<td>7.4 oz./ sq. yd. minimum</td>
</tr>
<tr>
<td>Light Penetration</td>
<td>ASTM D 6567</td>
<td>65 % maximum</td>
</tr>
<tr>
<td>Tensile Strength MD x XD*</td>
<td>ASTM D 6818</td>
<td>9.6 x 3.2 lbs/inch minimum</td>
</tr>
<tr>
<td>Tensile Elongation MD x XD*</td>
<td>ASTM D 6818</td>
<td>38% x 33% maximum</td>
</tr>
</tbody>
</table>

*MD is Machine Design and XD is Cross Direction
**Natural Resource Conservation Services

9.14.5(4) Geotextile Encased Check Dam
This section including title is revised to read:

9.14.5(4) Check Dams
All materials used for check dams shall be non-toxic and not pose a threat to wildlife when installed.

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

9.14.5(4)A Biodegradable Check Dams
Biodegradable check dams shall meet the following requirements:

<table>
<thead>
<tr>
<th>Biodegradable Check Dams</th>
<th>Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wattle Check Dam</td>
<td>9-14.5(5)</td>
</tr>
<tr>
<td>Compost Sock Check Dam</td>
<td>9-14.5(6)</td>
</tr>
<tr>
<td>Coir Log Check Dam</td>
<td>9-14.5(7)</td>
</tr>
</tbody>
</table>

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

1. Made of natural plant fiber.
2. Netting if present shall be biodegradable.
9-14.5(4)B  Non-biodegradable Check Dams
Non-biodegradable check dams shall meet the following requirements:

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

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

9-14.6(1) Description
In item No. C in the fourth paragraph, “22-inch” is revised to read “2-inch”.

SECTION 9-16, FENCE AND GUARDRAIL
January 7, 2013

9-16.1(1)A  Post Material for Chain Link Fence
The first paragraph is revised to read:

Except as noted otherwise, post material shall conform to the requirements of AASHTO M 181, Type 1 (zinc-coated steel), Grade 1 or 2, and shall include all round and roll-formed material (line posts, brace posts, end posts, corner posts, and pull posts).

The last sentence in the fourth paragraph is deleted.

9-16.1(1)C  Tension Wire and Tension Cable
This section including title is revised to read:

9-16.1(1)C  Tension Wire
Tension wire shall meet the requirements of AASHTO M 181. Tension wire galvanizing shall be Class 1.

9-16.1(1)D  Fittings and Hardware
The second sentence in the first paragraph is deleted.

The last paragraph is deleted.

9-16.1(2) Approval
This section is deleted.

9-16.2(2) Approval
This section is deleted.

9-16.4(2) Wire Mesh
This section is revised to read:
The galvanized wire mesh shall be a Style 1 double-twisted hexagonal mesh conforming to ASTM A 975 with 8 by 10 opening, except when a colorized, polyvinyl chloride coating is required then the Style shall be a Style 3.

The longitudinal edges of the wire mesh fabric shall have knuckled selvedges with continuous selvedge wire as specified in ASTM A 975.

9-16.4(3) Wire Rope
This section is revised to read:

Wire rope shall be 3/4- inch-diameter, independent wire rope class (IWRC) 6x19, extra improved plow steel (EIP) wire rope galvanized in accordance with ASTM A1023. Each lot of wire rope shall be accompanied by a Manufacturer’s Certificate of Compliance, a mill certificate, and a test report showing the wire rope meets the minimum breaking force requirements of ASTM A 1023.

9-16.4(4) Hardware
This section is revised to read:

Weldless steel rings shall be drop-forged steel and heat treated after forging; have a single pull, working load limit of at least 10,000 lbs; and meet performance requirements of Federal Specification RR-C-271D Type VI.

Thimbles required for all wire rope loops shall be standard weight, galvanized, and meet performance requirements of Federal Specification FF-T-276b Type II.

Wire rope clips shall have drop-forged steel bases, be galvanized, and meet performance requirements of Federal Specification FF-C-450 Type I Class I.

9-16.4(5) Hog Rings and Tie Wire
This section including title is revised to read:

9-16.4(5) Fasteners and Lacing Wire
Fasteners shall consist of 11 gauge high tensile steel. Lacing wire shall consist of 9 gauge, zinc-coated steel wire conforming to ASTM A 641.

9-16.4(6) Grout
This section include title is deleted.

9-16.4(7) Anchor
This section including title and section number is revised to read:

9-16.4(6) Ground Anchors
Threaded bar ground anchors shall be deformed, continuously threaded, steel reinforcement bars conforming to either Section 9-07.2 or Section 9-07.11. Threaded bar ground anchors
shall be either epoxy-coated in accordance with Sections 6-02.3(24)H and 9-07.3 or galvanized after fabrication in accordance with ASTM A 767 Class I.

Hollow-core anchor bars shall have continuous threads/deformations and be fabricated from steel tubing conforming to ASTM A 519. Couplers and nuts shall provide 100% of the guaranteed minimum tensile strength of the hollow core anchor bars.

Bearing plates shall conform to ASTM A 572 Grade 50 and shall be galvanized after fabrication in accordance with AASHTO M 111. Nuts shall conform to either AASHTO M 291 Grade B, hexagonal, or Section 9-07.11. Nuts shall be galvanized after fabrication in accordance with AASHTO M 111 for plate washers and AASHTO M 232 for all other hardware.

Grout for ground anchors shall be Grout Type 2 for Nonshrink Applications, conforming to Section 9-20.3(2).

Concrete for soil anchor deadmen shall be either commercial concrete conforming to 8 Section 6-02.3(2)B or Class 3000 conforming to Section 6-02.

Steel reinforcing bars for soil anchor deadmen shall conform to Section 9-07.2, and shall be epoxy-coated in accordance with Sections 6-02.3(24)H and 9-07.3.

9-16.6(3) Posts
This section is revised to read:

Line posts for Types 1 and 2 glare screens shall be 2 inch inside diameter galvanized steel pipe with a nominal weight of 3.65 pounds per linear foot. End, corner, brace, and pull posts for Type 1 Design A and B and Type 2 shall be 2 ½ inch inside diameter galvanized steel pipe with a nominal weight of 5.79 pounds per linear foot. Intermediate pull posts (braced line posts) shall be as specified for line posts.

The base material for the manufacture of steel pipes used for posts shall conform to the requirements of ASTM A 53, except the weight tolerance on tubular posts shall be applied as provided below.

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

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

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

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

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

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

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

SECTION 9-20, CONCRETE PATCHING MATERIAL, GROUT, AND MORTAR
January 2, 2012

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

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

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

SECTION 9-23, CONCRETE CURING MATERIALS AND ADMIXTURES
April 2, 2012

9-23.2 Liquid Membrane-Forming Concrete Curing Compounds
In the first paragraph, “moisture loss” is revised to read “water retention”.

C 3203 Lampe Road Improvements A 38 AMENDMENTS
SECTION 9-28, SIGNING MATERIALS AND FABRICATION
September 17, 2012

9-28.14(2) Steel Structures and Posts
“AASHTO M 291” is revised to read “ASTM A 563”.

SECTION 9-34, PERMANENT MARKING MATERIAL
April 2, 2012

9-34.2 Paint
The second paragraph is revised to read:

Blue and black paint shall comply with the requirements for yellow paint in Section 9-34.2(4) and Section 9-34.2(5), with the exception that blue and black paints do not need to meet the requirements for titanium dioxide, directional reflectance, and contrast ration.
SPECIAL PROVISIONS
INTRODUCTION TO THE SPECIAL PROVISIONS

(July 31, 2007 APWA GSP)

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

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

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

(May 18, 2007 APWA GSP)
(August 7, 2006 WSDOT GSP)

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

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

DIVISION 1
GENERAL REQUIREMENTS

DESCRIPTION OF WORK

(******)

The work to be performed under this Contract consists of the improvement of approximately 0.75 miles of Lampe Road, from N. Wenas Road to Nagler Road. These improvements consist of grading, drainage, placing and compacting top and base course, placing HMA pavement, placing concrete curb and gutter, and other work, in accordance with the attached
Plans, these Special Provisions and the 2012 Standard Specifications and Amendments thereto.

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 are involved in the construction of these improvements.

**SECTION 1-01, DEFINITION AND TERMS**

1-01.3 Definitions

*(March 13, 2012 AFWA GSP)*

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

**Dates**

*Bid Opening Date*

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

*Award Date*

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

*Contract Execution Date*

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

*Notice to Proceed Date*

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

*Substantial Completion Date*

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

*Physical Completion Date*

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

*Completion Date*

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

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

Supplement this Section with the following:

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

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

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

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

**Additive**

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

**Alternate**

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

**Business Day**

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

**Contract Documents**

See definition for “Contract”.

**Contract Time**

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

**Notice of Award**

The written notice from the Contracting Agency to the successful Bidder signifying the Contracting Agency’s acceptance of the Bid Proposal.
Notice to Proceed
The written notice from the Contracting Agency or Engineer to the Contractor authorizing
and directing the Contractor to proceed with the Work and establishing the date on which the
Contract time begins.

Traffic
Both vehicular and non-vehicular traffic, such as pedestrians, bicyclists, wheelchairs, and
equestrian traffic.

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
(January 24, 2011 APWA GSP)

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

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

Delete this section and replace it with the following:

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

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

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

Additional plans and Contract Provisions may be obtained by the Contractor from the source
stated in the Call for Bids, at the Contractor’s own expense.
1-02.5 Proposal Forms

(June 27, 2011 APWA GSP)

Delete this section and replace it with the following:

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

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

1-02.6 Preparation Of Proposal

(June 27, 2011 APWA GSP)

Supplement the second paragraph with the following:

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

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

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

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

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

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

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

(August 2, 2004)
The fifth and sixth paragraphs of Section 1-02.6 are deleted.

1-02.7 Bid Deposit
(October 1, 2005 APWA GSP)

Supplement this section with the following:

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

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

1-02.9 Delivery of Proposal
(August 15, 2012 APWA GSP, Option A)

Delete this section and replace it with the following:

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

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

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

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

Revise item 1 to read:

1. A proposal will be considered irregular and will be rejected if:
a. The Bidder is not prequalified when so required;
b. The authorized proposal form furnished by the Contracting Agency is not used or is altered;
c. The completed proposal form contains any unauthorized additions, deletions, alternate Bids, or conditions;
d. The Bidder adds provisions reserving the right to reject or accept the award, or enter into the Contract;
e. A price per unit cannot be determined from the Bid Proposal;
f. The Proposal form is not properly executed;
g. The Bidder fails to submit or properly complete a Subcontractor list, if applicable, as required in Section 1-02.6;
h. The Bidder fails to submit or properly complete a Disadvantaged Business Enterprise Certification, if applicable, as required in Section 1-02.6;
i. The Bidder fails to submit written confirmation from each DBE firm listed on the Bidder’s completed DBE Utilization Certification that they are in agreement with the bidders DBE participation commitment, if applicable, as required in Section 1-02.6, or if the written confirmation that is submitted fails to meet the requirements of the Special Provisions;
j. The Bidder fails to submit DBE Good Faith Effort documentation, if applicable, as required in Section 1-02.6, or if the documentation that is submitted fails to demonstrate that a Good Faith Effort to meet the Condition of Award was made;
k. The Bid Proposal does not constitute a definite and unqualified offer to meet the material terms of the Bid invitation; or
l. More than one proposal is submitted for the same project from a Bidder under the same or different names.

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

Delete this Section and replace it with the following:

A Bidder will be deemed not responsible if:

1. the Bidder does not meet the mandatory bidder responsibility criteria in RCW 39.04.350(1), as amended; or
2. evidence of collusion exists with any other Bidder or potential Bidder. Participants in collusion will be restricted from submitting further bids; or
3. the Bidder, in the opinion of the Contracting Agency, is not qualified for the work or to the full extent of the bid, or to the extent that the bid exceeds the authorized prequalification amount as may have been determined by a prequalification of the Bidder; or
4. an unsatisfactory performance record exists based on past or current Contracting Agency work or for work done for others, as judged from the standpoint of conduct of the work; workmanship; or progress; affirmative action; equal employment opportunity practices; termination for cause; or Disadvantaged Business Enterprise, Minority Business Enterprise, or Women’s Business Enterprise utilization; or
5. there is uncompleted work (Contracting Agency or otherwise), which in the opinion of the Contracting Agency might hinder or prevent the prompt completion of the work bid upon; or

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

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

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

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

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

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

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

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, materialperson, or any other person who provides supplies or provisions for carrying out the work;
5. Be accompanied by a power of attorney for the Surety's officer empowered to sign the bond; and
6. Be signed by an officer of the Contractor empowered to sign official statements (sole proprietor or partner). If the Contractor is a corporation, the bond must be signed by the president or vice-president, unless accompanied by written proof of the authority of the individual signing the bond to bind the corporation (i.e., corporate resolution, power of attorney or a letter to such effect by the president or vice-president).

Section 1-03.4 is supplemented with the following:

(June 27, 2011)
Release of Contract Bond will be 60 days following Contracting Agency Final Acceptance of Contract, provided following conditions are met:

1. Payment to the State with respect to taxes imposed pursuant to Title 82, RCW on Contracts totaling more than $35,000, a release has been obtained from the Washington State Department of Revenue.

2. Affidavits of Wages Paid for the Contractor and all Subcontractors are on file with the Contracting Agency (RCW 39.12.040).

3. A certificate of Payment of Contributions Penalties and Interest on Public Works Contract is received from the Washington State Employment Security Department.

4. Washington State Department of Labor and Industries (per Section 1-07.10) shows the Contractor, Subcontractor(s) and any lower tier Subcontractor(s) are current with payments of industrial insurance and medical aid premiums.

5. All claims, as provided by law, filed against the Contract Bond have been resolved.
SECTION 1-04, SCOPE OF WORK

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

(March 13, 2012 APWA GSP)

Revise the second paragraph to read:

Any inconsistency in the parts of the contract shall be resolved by following this order of precedence (e.g., 1 presiding over 2, 2 over 3, 3 over 4, and so forth):
1. Addenda,
2. Proposal Form,
3. Special Provisions,
4. Contract Plans,
5. Amendments to the Standard Specifications,
6. Standard Specifications,
7. Contracting Agency's Standard Plans or Details (if any), and
8. WSDOT Standard Plans for Road, Bridge, and Municipal Construction.

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)

Revise the seventh paragraph to read:

Whenever the Contracting Agency evaluates the Contractor’s qualifications pursuant to Section 1-02.14, it will take these performance reports into account.

1-05.14 Cooperation with Other Contractors

Section 1-05.14 is supplemented with the following:

(March 13, 1995)
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:

- Utility work by franchise utility companies relocating overhead and underground facilities within the project limits. No additional payment will be made for this utility coordination.

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 1-07, LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC

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

Supplement this section with the following:

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

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

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

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

1-07.2 State Taxes

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

1-07.2 State Sales Tax
(June 27, 2011 APWA GSP)
The Washington State Department of Revenue has issued special rules on the State sales tax. Sections 1-07.2(1) through 1-07.2(3) are meant to clarify those rules. The Contractor should contact the Washington State Department of Revenue for answers to questions in this area. The Contracting Agency will not adjust its payment if the Contractor bases a bid on a misunderstood tax liability.

The Contractor shall include all Contractor-paid taxes in the unit bid prices or other contract amounts. In some cases, however, state retail sales tax will not be included. Section 1-07.2(2) describes this exception.

The Contracting Agency will pay the retained percentage (or release the Contract Bond if a FHWA-funded Project) only if the Contractor has obtained from the Washington State Department of Revenue a certificate showing that all contract-related taxes have been paid (RCW 60.28.051). The Contracting Agency may deduct from its payments to the Contractor any amount the Contractor may owe the Washington State Department of Revenue, whether the amount owed relates to this contract or not. Any amount so deducted will be paid into the proper State fund.

1-07.2(1) State Sales Tax — Rule 171

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

1-07.2(2) State Sales Tax — Rule 170

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

For work performed in such cases, the Contractor shall collect from the Contracting Agency, retail sales tax on the full contract price. The Contracting Agency will automatically add this sales tax to each payment to the Contractor. For this reason, the Contractor shall not include the retail sales tax in the unit bid item prices, or in any other contract amount subject to Rule 170, with the following exception.
Exception: The Contracting Agency will not add in sales tax for a payment the Contractor or a subcontractor makes on the purchase or rental of tools, machinery, equipment, or consumable supplies not integrated into the project. Such sales taxes shall be included in the unit bid item prices or in any other contract amount.

1-07.2(3) Services

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

(June 27, 2011)

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

1-07.6 Permits and Licenses

Section 1-07.6 is supplemented with the following:

(September 20, 2010)

The Contracting Agency has obtained the below-listed permit(s) for this project. A copy of the permit(s) is attached as an appendix for informational purposes. All contacts with the permitting agency concerning the below-listed permit(s) shall be through the Engineer. The Contractor shall obtain additional permits as necessary. All costs to obtain and comply with additional permits shall be included in the applicable bid items for the work involved. Copies of these permits are required to be on site at all times.

- Dept of Ecology's Construction Stormwater General Permit

1-07.7 Load Limits

Section 1-07.7 is supplemented with the following:

(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 Wages

1-07.9(1) General

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

(January 10, 2012)
The State rates incorporated in this contract are applicable to all construction activities associated with this contract.

1-07.13 Contractor's Responsibility for Work

1-07.13(4) Repair of Damage

Section 1-07.13(4) is revised to read:

(August 6, 2001)
The Contractor shall promptly repair all damage to either temporary or permanent work as directed by the Engineer. For damage qualifying for relief under Sections 1-07.13(1), 1-07.13(2) or 1-07.13(3), payment will be made in accordance with Section 1-04.4. Payment will be limited to repair of damaged work only. No payment will be made for delay or disruption of work.

1-07.17 Utilities and Similar Facilities

Section 1-07.17 is supplemented with the following:

(April 2, 2007)
Locations and dimensions shown in the Plans for existing facilities are in accordance with available information obtained without uncovering, measuring, or other verification.

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:

Utility relocation work may not be completed and adjustments will be performed by the various utilities if required during progression of work. The Contractor shall coordinate the work to ensure that the work can be completed in a continuous manner.

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

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:

<table>
<thead>
<tr>
<th>Call Before You Dig On Call Center</th>
<th>Fairpoint Communications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ph. 1-800-424-5555</td>
<td>Alex Galbraith</td>
</tr>
<tr>
<td></td>
<td>208 W. 3rd Street</td>
</tr>
<tr>
<td></td>
<td>Ellensburg, WA 98926</td>
</tr>
</tbody>
</table>
1-07.18 Public Liability and Property Damage Insurance

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

1-07.18 Insurance

(January 24, 2011 APWA GSP)

1-07.18(1) General Requirements

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

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

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

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

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

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

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

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

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

1-07.18(2) Additional Insured
All insurance policies, with the exception of Professional Liability and Workers Compensation, shall name the following listed entities as additional insured(s):
- the Contracting Agency and its officers, elected officials, employees, agents, and volunteers

1-07.18(3) Subcontractors
Contractor shall ensure that each subcontractor of every tier obtains and maintains at a minimum the insurance coverages listed in 1-07.18(5)A and 1-07.18(5)B. Upon request of the Contracting Agency, the Contractor shall provide evidence of such insurance.

1-07.18(4) Evidence of Insurance
The Contractor shall deliver to the Contracting Agency a Certificate(s) of Insurance and endorsements for each policy of insurance meeting the requirements set forth herein when the Contractor delivers the signed Contract for the work. The certificate and endorsements must conform to the following requirements:
1. An ACORD certificate or a form determined by the Contracting Agency to be equivalent.
2. Copies of all endorsements naming Contracting Agency and all other entities listed in 1-07.18(2) as Additional Insured(s), showing the policy number. The Contractor may submit a copy of any blanket additional insured clause from its policies instead of a separate endorsement. A statement of additional insured status on an ACORD Certificate of Insurance shall not satisfy this requirement.
3. Any other amendatory endorsements to show the coverage required herein.
1-07.18(5) Coverages and Limits
The insurance shall provide the minimum coverages and limits set forth below. Providing coverage in these stated minimum limits shall not be construed to relieve the Contractor from liability in excess of such limits. All deductibles and self-insured retentions must be disclosed and are subject to approval by the Contracting Agency. The cost of any claim payments falling within the deductible shall be the responsibility of the Contractor.

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

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

Such policy must provide the following minimum limits:

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

Stop Gap / Employers’ Liability

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

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

- $1,000,000 combined single limit

1-07.18(5)C Workers’ Compensation
The Contractor shall comply with Workers’ Compensation coverage as required by the Industrial Insurance laws of the state of Washington.
1-07.23 Public Convenience and Safety

1-07.23(1) Construction Under Traffic

Section 1-07.23(1) is supplemented with the following:

(January 2, 2012)

Work Zone Clear Zone

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

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

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

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

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

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

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

* or 2-feet beyond the outside edge of sidewalk

Minimum Work Zone Clear Zone Distance

(August 7, 2006)

Lane closures are subject to the following restrictions:
If the Engineer determines the permitted closure hours adversely affect traffic, the Engineer may adjust the hours accordingly. The Engineer will notify the Contractor in writing of any change in the closure hours.

No lane closures will be allowed on a holiday or holiday weekend, or after 12:00 PM (noon) on a day prior to a holiday or holiday weekend. Holidays that occur on Friday, Saturday, Sunday or Monday are considered a holiday weekend.

1-07.24 Rights of Way
(October 1, 2005 APWA GSP)

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

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

Generally, the Contracting Agency will have obtained, prior to bid opening, all rights of way and easements, both permanent and temporary, necessary for carrying out the work. Exceptions to this are noted in the Bid Documents or will be brought to the Contractor's attention by a duly issued Addendum.

Whenever any of the work is accomplished on or through property other than public right of way, the Contractor shall meet and fulfill all covenants and stipulations of any easement agreement obtained by the Contracting Agency from the owner of the private property. Copies of the easement agreements may be included in the Contract Provisions or made available to the Contractor as soon as practical after they have been obtained by the Engineer.

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

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

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

SECTION 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

1-08.1(1) Subcontract Completion and Return of Retainage Withheld

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

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

**Requirements**

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

2. Prompt and full payment of retainage from the Prime Contractor to the Subcontractor shall be made within 30 days after Subcontractor’s Work is satisfactorily completed.

3. For purposes of this Section, a Subcontractor's work is satisfactorily completed when all task and requirements of the Subcontract have been accomplished and including any required documentation and material testing.

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

**Conditions**

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

**Payment**

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

1-08.4 Prosecution of Work

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

(June 27, 2011 APWA GSP)

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

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

1-08.5 Time for Completion

Section 1-08.5 is supplemented with the following:

(March 13, 1995)
This project shall be physically completed within 45 working days.

(June 28, 2007 APWA GSP, Option A)

Revise the third and fourth paragraphs to read:

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

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

Revise the sixth paragraph to read:

The Engineer will give the Contractor written notice of the completion date of the contract
after all the Contractor's obligations under the contract have been performed by the
Contractor. The following events must occur before the Completion Date can be established:
1. The physical work on the project must be complete; and
2. The Contractor must furnish all documentation required by the contract and required by
   law, to allow the Contracting Agency to process final acceptance of the contract. The
   following documents must be received by the Project Engineer prior to establishing a
   completion date:
   a. Certified Payrolls (Federal-aid Projects)
   b. Material Acceptance Certification Documents
   c. Annual Report of Amounts Paid as MBE/WBE Participants or Quarterly Report of
      Amounts Credited as DBE Participation, as required by the Contract Provisions.
   d. Final Contract Voucher Certification
   e. Property owner releases per Section 1-07.24

The Engineer will give the Contractor written notice of the School Access Completion Date

1-08.9 Liquidated Damages
(March 13, 2012 APWA GSP)

Revise the fourth paragraph to read:

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

SECTION 1-09, MEASUREMENT AND PAYMENT

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

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

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

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

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

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

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

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

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

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

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

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

Delete this Section and replace it with the following:

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 Traffic Control Management

1-10.2(1) General

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

(December 1, 2008)

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

1-10.4 Measurement

1-10.4(2) Items Bids with Lump Sum for Incidentals

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.

(*****)
Flaggers and Spotter will be by the hour for each performing the work described in Section
1-10.3(1A). 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

Section 2-01.1 is supplemented with the following:

(March 13, 1995)
Clearing and grubbing on this project shall be performed within the following limits:
The Contractor shall clear and grub as 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. All 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.

SECTION 2-02, REMOVAL OF STRUCTURES AND OBSTRUCTIONS

2-02.3 Construction Requirements

Section 2-02.3 is supplemented with the following:

(February 17, 1998)

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 Specification:

1. Remove mailbox supports and relocate mailboxes along project area to new supports per mailbox support schedule and/or as directed by the United States Post Office.
2. Remove existing 12” conc. culvert pipe Sta 12+00.
3. Remove existing rock retaining wall Sta 16+25 Lt within R/W, if needed.
4. Remove existing standpipe and fence Sta 17+75 Rt.
5. Remove existing outfall and standpipe Sta 18+10 Rt.
6. Remove existing culvert pipe Sta 18+15 Rt to 18+28 Lt.
7. Remove existing approach pipe Sta 18+30 Lt to Sta 18+65 Lt.
8. Remove existing approach pipe Sta 19+10 Lt to Sta 19+35 Lt.
9. Remove existing approach pipe Sta 19+80 Lt to Sta 20+15 Lt.
10. Remove existing brick pillars Sta 23+00 Rt., if not removed by others
11. Sawcut and remove existing concrete pad Sta 24+25 Lt.
12. Scarify existing road bed Sta 31+50 Rt., as shown on plans.
13. Remove existing culvert pipe Sta 32+75.
14. Remove existing approach pipe Sta 33+75 Rt to Sta 34+10 Rt.
15. Remove existing retaining wall Sta 35+75 Lt, within R/W.
16. Remove existing culvert pipe Sta 35+25 Rt to Sta 36+40 Rt.
17. Remove existing approach pipe Sta 37+45 Rt to Sta 37+95 Rt.
18. Remove existing planter Sta 39+15 Lt to Sta 39+90 Lt, within R/W.
19. Remove existing approach pipe Sta 39+30 Lt to Sta 39+70 Lt.
20. Remove existing approach pipe Sta 46+05 Lt to Sta 46+25 Lt.
21. Remove existing culvert pipe Sta 46+60 and existing concrete water box.

Items are approximate locations, Contractor shall verify the type, size and length of each item
to determine the scope of work needed to remove such items prior to bid.

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”.

(******)
Removal of fences shall be for all fence types, to be removed within the clearing limits of the
road construction project.

(******)
Written permission shall be provided to the County from property owners of any waste site
prior to its use.

2-02.3(4) Underground Utilities

Section 2-02.3(4) is a new section:

(******)

2-02.3(4) Underground Utilities

Existing utilities indicated in the Plans have been plotted from the best information available
to Engineer. Information and data shown or indicated in the Contract Documents with
respect to existing underground utilities, services at, and contiguous to the project site are
based on information and data furnished to Owner and Engineer by owners of such
underground facilities or others, and Owner and Engineer do not assume responsibility for
the accuracy or completeness thereof. It is to be understood that other aboveground or
underground facilities not shown in the Plans may be encountered during the course of the
work.

All utility valves, manholes, vaults, or pull boxes which are buried shall be conspicuously
marked in a fashion acceptable to the Owner and Engineer by the Contractor to allow their
location to be determined by the Engineer or utility personnel under adverse conditions,
(inclement weather or darkness).
Where underground main distribution conduits, such as water, gas, sewer, electric power, or telephone, are shown on the Plans, the Contractor, for the purpose of preparing his bid, shall assume that every property parcel will be served by a service connection for each type of utility.

Contractor shall check with the utility companies concerning any possible conflict prior to commencing excavation in any area. No excavation shall begin until all known facilities, in the vicinity of the excavation area, have been located and marked.

In addition to Contractor having all utilities field marked before starting work, Contractor shall have all utilities field marked after they are relocated in conjunction with this project.

Contractor shall make arrangements 48 hours in advance with respective utility owners to have a representative present when their utility is exposed or modified, if the utility chooses to do so. Contractor is also warned that there may be utilities on the project that are not part of the One Call system. They must be contacted directly by Contractor for locations.

Contractor shall provide potholing, upon the Engineer’s request for the Engineer’s use in determining the location and elevations of existing utilities that may appear to be in conflict, in advance of the Contractor’s operations.

If or when utility conflicts occur, Contractor shall continue the construction process on other aspects of the project whenever possible. Work to resolve utility conflicts that are identified during the course of construction will be directed by the Engineer. In no way shall the work described in section 2-02.3(4) relieve the Contractor any of the responsibilities described in Section 1-07.17 and elsewhere in the Contract Documents.

2-02.4 Measurement

Section 2-02.4 is supplemented with the following

(*****)
Measurement of Potholing will be made per each.

2-02.5 Payment

Section 2-02.5 is supplemented with the following:

(*****)
“Removing fence”, per linear foot.

The unit Contract price per lump sum for “Removing fence,” shall be full pay for all labor, and equipment necessary to remove and dispose of all types of existing fences.

“Potholing”, per each.

The unit Contract price per each for “Potholing,” shall be full pay for all labor, materials, and equipment necessary to expose an existing utility at the locations shown in the plans and per
the Engineer's direction.

SECTION 2-03, ROADWAY EXCAVATION AND EMBANKMENT

2-03.3 Construction Requirements

2-03.3(14) Embankment Construction

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

(******)
All embankments shall be compacted using Method C.

2-03.4 Measurement

Section 2-03.4 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

2-09.3 Construction Requirements

Section 2-09.3 of the Standard Specification shall be supplemented with the following:

(*****)
No extra excavation is allowed for construction of the infiltration trenches.

2-09.4 Measurement

Section 2-09.4 the second sentence of the second paragraph is revised to read:

(*****)
Measurement will be made from the existing ground line to the bottom of the excavation and for the length of the of the Shoring or Extra Excavation Work actually performed.

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

(*****)

C 3203 Lampe Road Improvements

SP 33

SPECIAL PROVISIONS
Structure Excavation Class B for storm sewers and 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 3
PRODUCTION FROM QUARRY AND PIT SITES AND STOCKPILING

SECTION 3-01, PRODUCTION FROM QUARRY AND PIT SITES

3-01.4 Contractor Furnished Material Sources

Section 3-01.4 of the Standard Specification shall be supplemented with the following:

(******)

If the sources of materials provided by the Contractor necessitate hauling over roads other than County roads, the Contractor shall at his own expense, make all arrangements for the use of the haul routes.

DIVISION 5
SURFACE TREATMENTS AND PAVEMENTS

SECTION 5-04, HOT MIX ASPHALT

5-04.3 Construction Requirements

5-04.3(7) Preparation of Aggregates

5-04.3(7) A Mix Design

(March 10, 2010 APWA GSP)

Delete this section and replace it with the following;

1. General. Prior to the production of HMA, the Contractor shall determine a design aggregate structure and asphalt binder content in accordance with WSDOT Standard
Operating Procedure 732. Once the design aggregate structure and asphalt binder content have been determined, the Contractor shall submit the HMA mix design on DOT form 350-042 demonstrating the design meets the requirements of Sections 9-03.8(2) and 9-03.8(6). HMA accepted by nonstatistical evaluation requires a mix design verification. For HMA accepted by commercial evaluation only the first page of DOT form 350-042 and the percent of asphalt binder is required. In no case shall the paving begin before the determination of anti-strip requirements has been made. Anti-strip requirements will be determined by:

a. Testing by WSDOT in accordance with TM 718.
b. Testing by Contractor in accordance with WSDOT TM 718.
c. Historical aggregate source ant-strip use provided by WDOT.

The mix design will be the initial Job Mix Formula (JMF) for the HMA being produced. Any additional adjustments to the JMF will require the approval of the Project Engineer and may be made per Section 9-03.8(7).

2. **Mix Design Verification.** Verification shall be accomplished by one of the following processes:

a. Submit samples to WSDOT State Materials Lab for WSDOT verification testing in accordance with WSDOT Standard Specifications.
b. The contracting agency will perform tests to verify the mix design in accordance with the Field Verification Testing Process.
c. Reference a mix design that has been previously verified by the Field Verification Testing Process or verified by WSDOT State Materials Lab on a previous project.
d. Perform Field Verification Testing on a sample of HMA provided by the Contractor prior to paving.

Mix design verification is valid for one year from the date of verification. At the discretion of the Engineer, agencies may accept mix designs verified beyond the verification year with certification from the Contractor that the materials and sources are the same as those shown on the original mix design.

3. **Field Verification Testing Process.** The Contracting agency will collect three Production Samples of HMA on the first day of paving per AASHTO T 168 sampling procedures.

a. The Contracting agency will test one Production Sample in accordance with section 5-04.3(8)A for field verification per the requirements of Section 9-03.8(7).
b. If the test results from the first Production Sample are within the tolerances of section 9-03.8(7), the mix design will be considered verified and the test results will be used as acceptance sample number one.
c. If the test results from the first Production Sample are outside the tolerances of section 9-03.8(7), the other two samples will be tested and...
the results of all three tests will be used for acceptance in accordance with
Section 5-04.5(1) and will be used in the calculation of the CPF the
maximum CPF shall be 1.00.

4. Prior to the first day of paving, six Ignition Furnace Calibration Samples shall be
obtained to calibrate the Ignition Furnaces used for acceptance testing of the HMA.
Calibration samples shall be provided by the Contractor when directed by the Engineer.
Calibration samples shall be prepared in accordance with WSDOT SOP 728.

5-04.3(8) Mixing

5-04.3(8)A Acceptance Sampling and Testing – HMA Mixture

5-04.3(8)A1, General

(March 10, 2010 APWA GSP)

Delete these sections and replace them with the following:

Acceptance of HMA shall be as defined under nonstatistical or commercial evaluation.

Nonstatistical evaluation will be used for all HMA not designated as Commercial HMA in the contract documents.

Commercial evaluation will be used for Commercial HMA and for other classes of HMA in the following applications: sidewalks, road approaches, ditches, slopes, paths, trails, gores, prelevel, and pavement repair. Other nonstructural applications of HMA accepted by commercial evaluation shall be as approved by the Project Engineer. Sampling and testing of HMA accepted by commercial evaluation will be at the option of the Project Engineer. Commercial HMA can be accepted by a contractor certification letter stating the material meets the HMA requirements defined in the contract.

5-04.3(8)A4, Definition of Sampling Lot and Sublot

(March 10, 2010 APWA GSP)

Delete this section and replace it with the following:

For the purpose of acceptance sampling and testing, a lot is defined as the total quantity of material or work produced for each job mix formula (JMF) placed. Only one lot per mix design will be expected to occur. The initial JMF is defined in Section 5-04.3(7)A Mix Design. The Contractor may request a change in the JMF in accordance with Section 9-03.8(7). If the request is approved, all of the material produced up to the time of the change will be evaluated on the basis of tests on samples taken from that material and a new lot will begin.

For proposal quantities less than 2500 tons sampling and testing for evaluation shall be performed as described in 5-04.3(7)A, item 3, Field Verification Testing Process. The verification sample referenced in item 3b may be used as an acceptance sample, additional
testing will be at the discretion of the Engineer. When using a previously verified mix
design, testing for volumetric properties may be waived at the engineer’s discretion. At least
one acceptance sample is required when using this method of acceptance.
For proposal quantities greater than 2500 tons sampling and testing for evaluation shall be
performed as described in 5-04.3(7)A, item 3, Field Verification Testing Process, for the first
2500 tons of mix placed. The verification sample referenced in item 3b may be used as an
acceptance sample for the first 2500 tons of mix placed. Additional testing will be at the rate
of one sample per 800 tons of mix placed or as directed by the Engineer. When using a
previously verified mix design, testing for volumetric properties may be waived at the
engineer’s discretion.

5-04.3(8)A5, Test Results
(March 10, 2010 APWA GSP)

Delete this section and replace it with the following:

The Engineer will furnish the Contractor with a copy of the results of all acceptance testing
performed in the field at the beginning of the next paving shift. The Engineer will also
provide the Composite Pay Factor (CPF) of the completed sublots after three sublots have
been produced. The CPF will be provided by the midpoint of the next paving shift after
sampling. Sublot sample test results (gradation and asphalt binder content) may be
challenged by the Contractor. For HMA mixture accepted by statistical evaluation with a mix
design that did not meet the verification tolerances, the test results in the test section
including the percent air voids (Va) may be challenged. To challenge test results, the
Contractor shall submit a written challenge within 7-calendar days after receipt of the
specific test results. A split of the original acceptance sample will be sent for testing to either
the Region Materials Laboratory or the State Materials Laboratory as determined by the
Project Engineer. The split of the sample with challenged results will not be tested with the
same equipment or by the same tester that ran the original acceptance test. The challenge
sample will be tested for a complete gradation analysis and for asphalt binder content. The
results of the challenge sample will be compared to the original results of the acceptance
sample test and evaluated according to the following criteria:

Deviation
U.S. No. 4 sieve and larger Percent passing ±4.0
U.S. No. 8 sieve Percent passing ±2.0
U.S. No. 200 sieve Percent passing ±0.4
Asphalt binder Percent binder content ±0.3
Va Percent Va ±0.7

If the results of the challenge sample testing are within the allowable deviation established
above for each parameter, the acceptance sample test results will be used for acceptance of
the HMA. The cost of testing will be deducted from any monies due or that may come due
the Contractor under the Contract at the rate of $250 per challenge sample. If the results of
the challenge sample testing are outside of any one parameter established above, the
challenge sample will be used for acceptance of the HMA and the cost of testing will be the
Contracting Agency’s responsibility.
5-04.3(8)A Test Section – HMA Mixtures
(March 10, 2010 APWA GSP)

Delete this section.

5-04.3(9) Spreading and Finishing

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

(******)

5-04.3(9)A Materials Transfer Device

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

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

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

5-04.3(10)B Control

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

(******)

HMA used in traffic lanes, including lanes for ramps, truck climbing, weaving, and speed change, and having specified compacted course thickness greater than 0.10 foot, shall be compacted to a specified level relative density. The specified level of relative density shall be a minimum of 91.0 percent of the reference maximum density as determined by WSDOT for AASHTO T 209. The reference maximum density shall be determined as the moving average of the most recent five determinations for the lot of asphalt concrete being placed. The specified level of density attained will be determined by five nuclear gauge tests taken in accordance with WAQTC FOP TM8 and WSDOT SOP T 729 on the day the mix is placed (after completion of the finish rolling) at locations determined by the stratified random sampling procedure conforming to WSDOT Test Method 716 within each density lot. The quantity represented by each density lot will be no greater than a single day’s production or approximately 400 tons, whichever is less. The Engineer will furnish the Contractor with a copy of the results of all acceptance testing performed in the field by 7:00 a.m. the morning of the next workday after testing, or for nighttime work within four hours after the beginning of the next paving shift.
The last paragraph of Section 5-04.3(10)B of the Standard Specifications is deleted and replaced with the following:

(******)

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

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

5-04.3(15) HMA Road Approaches

Section 5-04.3(15) is supplemented with the following:

(******)

For asphalt driveways (road approaches) shown on the plans shall be constructed with 0.40 foot (compacted depth) of crushed surfacing top course and 0.20 foot (compacted depth) of HMA (Hot Mix Asphalt). The portion of driveways not paved with asphalt shall be surfaced with 0.30 foot (compacted depth) crushed surfaced top course, for the length specified by the Engineer.

Grades from the edge of pavement to existing driveways (road approaches) shall be constructed to provide safe ingress and egress and shall be constructed of materials as shown on the plans.

Any portion of the existing driveway (road approach) beyond the construction limits that is damaged by the Contractor’s operations shall be replaced in kind at his expense to the satisfaction of the Engineer.

SAWCUTTING PAVEMENT

All transitions to existing asphalt concrete and cement concrete driveways, curb, asphalt thickened edge for gutter, and walkways shall be vertically sawcut at least two (2) inches with straight, uniform edges. Existing asphalt pavement may be cut with a wheel, provided the wheel cut is full depth and no damage occurs to the pavement which is to remain. No impact tools or pavement breakers can be used for trench crossings of existing pavement. Trench crossing of existing pavement shall be vertically sawcut as directed by the Engineer.

5-04.4 Measurement

Section 5-04.4 is supplemented with the following:

(******)
Measurement for driveway (road approach) reconstruction shall be by the various Bid Items involved in the work, "HMA for Approach", per Ton, "Crushed Surfacing Top Course" per Ton, and "Roadway Excavation Incl. Haul" per Cubic Yard.

5-04.5 Payment

Section 5-04.5 is supplemented with the following:

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

(******)
Payment for driveway (road approach) reconstruction shall be by the various Bid Items involved in the work, "HMA for Approach", per Ton, "Crushed Surfacing Top Course" per Ton, and "Roadway Excavation Incl. Haul" per Cubic Yard, and shall include all costs associated with labor, materials, haul etc. to complete the Item as specified, and no further payment shall be made.

5-04.5(1) Quality Assurance Price Adjustments

5-04.5(1)A Price Adjustments for Quality of HMA Mixture
(March 10, 2010 APWA GSP)

Delete the first paragraph and table and replaced them with the following:

Statistical analysis of quality of gradation and asphalt content will be performed based on Section 1-06.2 using the following price adjustment factors:

<table>
<thead>
<tr>
<th>Table of Price Adjustment Factors</th>
<th>Factor “p”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Constituent</td>
<td></td>
</tr>
<tr>
<td>All aggregate passing: 1 1/2&quot;, 1&quot;, 3/4&quot;, 1/2&quot;, 3/8&quot; and No. 4 sieves</td>
<td>2</td>
</tr>
<tr>
<td>All aggregate passing No. 8</td>
<td>15</td>
</tr>
<tr>
<td>All aggregate passing No. 200 sieve</td>
<td>20</td>
</tr>
<tr>
<td>Asphalt binder</td>
<td>52</td>
</tr>
</tbody>
</table>

Delete items 1-3 in Paragraph two and replaced with the following:

A pay factor will be calculated for sieves listed in Section 9-03.8(7) for the class of HMA and for the asphalt binder.

1. **Nonstatistical Evaluation.** Each lot of HMA produced under Nonstatistical Evaluation and having all constituents falling within the tolerance limits of the job mix formula shall be accepted at the unit contract price with no further evaluation.
When one or more constituents fall outside the nonstatistical acceptance tolerance limits in Section 9-03.8(7), the lot shall be evaluated in accordance with Section 1-06.2 to determine the appropriate CPF. The nonstatistical tolerance limits will be used in the calculation of the CPF and the maximum CPF shall be 1.00. When less than three sublots exist, backup samples of the existing sublots or samples from the street shall be tested to provide a minimum of three sets of results for evaluation.

2. **Commercial Evaluation.** If sampled and tested, HMA produced under Commercial Evaluation and having all constituents falling within the tolerance limits of the job mix formula shall be accepted at the unit contract price with no further evaluation. When one or more constituents fall outside the commercial acceptance tolerance limits in Section 9-03.8(7), the lot shall be evaluated to determine the appropriate CPF. The commercial tolerance limits will be used in the calculation of the CPF and the maximum CPF shall be 1.00. When less than three sublots exist, backup samples of the existing sublots or samples from the street shall be tested to provide a minimum of three sets of results for evaluation.

For each lot of HMA produced under Nonstatistical or Commercial Evaluation when the calculated CPF is less than 1.00, a Nonconforming Mix factor (NCMF) will be determined. The NCMF equals the algebraic difference of CPF minus 1.00 multiplied by 60 percent. The Job Mix Compliance Price Adjustment will be calculated as the product of the NCMF, the quantity of HMA in the lot in tons, and the unit contract price per ton of the mix.

If a constituent is not measured in accordance with these Specifications, its individual pay factor will be considered 1.00 in calculating the composite pay factor.

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

Delete this section and replace it with the following:

(******)

At the option of the Engineer, for each Control (Compaction) lot not meeting the minimum density standard, the noncomplying material may be accepted at reduced price as computed below. The Compaction Price Adjustment will be calculated as the product of the quantity of HMA in the lot in tons (Q), Adjusted Unit Contract Price Adjustment (AUCP) and the Pay Adjustment Factor (AUCP).

**FACTORS INVOLVED:**

**Quantity of HMA involved** (from Compaction Control Report)

**Percent compaction** (from Compaction Control Report)

**Pay adjustment factor** (see table below)

**Liquid asphalt used** = Percent liquid asphalt from "Amount Ordered" or "Calculated from Production" (whichever is less) from Daily Report...
of Asphalt Plant Operations (when producing from a commercial plant, always use the "Amount Ordered")

**Price liquid asphalt** = Invoice price f.o.b. job site (if invoice unavailable then use average monthly refinery price.)

**Unit Contract Price** (from Contract Proposal)

**CALCULATION PROCEDURE:**

**Equations:**

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

- **PA** = Price adjustment
- **UCPA** = Unit contract price adjustment
- **Q** = Quantity HMA involved
- **AUCP** = Adjusted unit contract price
- **PAF** = Pay adjustment factor
- **UCP** = Unit contract price
- **VLA** = Value liquid asphalt
- **PLA** = Price liquid asphalt
- **RLAU** = Rate liquid asphalt used
- **LAU** = Liquid asphalt used

**EXAMPLE:**

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

- \( AUCP = UCP - VLA \)
- \( = $25.00/\)ton - $10.00/ton
- \( AUCP = $15.00/\)ton

- \( PA = Q \times AUCP \times PAF \)
- \( = 200 \) ton x $15.00/ton x 0.05
- \( PA = $150.00 \)
UCPA = PA/Q
     = $150.00/200 ton
UCPA = $0.75/ton

**PAY ADJUSTMENT FACTOR**

<table>
<thead>
<tr>
<th>% RICE</th>
<th>FACTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>91.0 AND ABOVE</td>
<td>0.00</td>
</tr>
<tr>
<td>90.0 - 90.9</td>
<td>0.05</td>
</tr>
<tr>
<td>89.0 - 89.9</td>
<td>0.10</td>
</tr>
<tr>
<td>88.0 - 88.9</td>
<td>0.20</td>
</tr>
<tr>
<td>BELOW 88.0</td>
<td>0.50 (IF ACCEPTED)</td>
</tr>
</tbody>
</table>

**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 and Trench" 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 "Gravel Backfill For Pipe Zone Bedding and Trench", payment shall be made by the Contract Bid Item "Gravel Backfill For Pipe Zone Bedding and Trench" per ton, which shall include all costs associated with labor, equipment, materials, etc, and no further payment shall be made.

SECTION 7-04, STORM SEWERS

7-04.2 Materials

Section 7-04.2 of the Standard Specifications shall be supplemented with the following:

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

7-04.3 Construction Requirements

Section 7-04.3 of the Standard Specifications is supplemented with the following:

(******)
When directed by the Engineer, street crossing trenches and other locations shall be backfilled as to the depth specified by the Engineer with "Gravel Backfill for Pipe Zone Bedding and Trench".

Section 7-04.3(1)E is deleted

7-04.5 Payment

Section 7-04.5 of the Standard Specifications is supplemented with the following:

(******)
All pipefittings including elbows, tees, gaskets, bands, etc., are considered incidental to individual pipe Bid Items involved, and no further payment shall be made.

There shall be no separate measurement and payment for excavation, backfill, and compaction. All costs associated with excavation and backfill of new pipeline trenches, including cutting and removal of existing surfacing, shall be included in the various pipe installation bid items.

When the Engineer directs the Contractor to backfill trenches with "Gravel Backfill for Pipe Zone Bedding and Trench", payment shall be made by the Contract Bid Item ""Gravel Backfill for Pipe Zone Bedding and Trench" per Ton, which shall include all costs associated with labor, equipment, materials, etc, and no further payment shall be made.
SECTION 7-05, MANHOLES, INLETS, CATCH BASINS, AND DRYWELLS

7-05.3 Construction Requirements

Section 7-05.3 of the Standard Specifications is supplemented with the following:

(******)

The Drywell Infiltration Trench shall be constructed per the detail in the plans. No extra excavation outside the limits of the infiltration trench will be allowed. The Drywell Infiltration Trench shall be completely encased in "Moderate Survivability" Class B underground drainage geotextile in accordance with the plans and with Section 2-12 and Section 9-33 of the Standard Specifications. The drain rock shall meet the requirements of Gravel Backfill for Drywells in Section 9-03.12(5) of the Standard Specifications.

Private Pipe Connections and Relocations shall consist of all work and materials to make the connection of existing private pipes, relocation of existing private pipes and adjusting Naches Selah Irrigation District (NSID) valve boxes to conform to final grades, as specified on the plans. The NSID valve boxes may or may not have the ability to be raised. If not a new one shall be installed based on the requirements of NSID.

7-05.3(1) Adjusting Manholes and Catch Basins to Grade

Section 7-05.3(1) is supplemented with the following:

(******)

In asphalt concrete pavement: Manholes shall not be adjusted until the pavement is completed, at which time the center of each manhole shall be carefully relocated from references previously established by the contractor. The pavement shall be cut in a restricted area and base material be removed to permit removal of the cover. The manhole shall then be brought to proper grade utilizing the same methods of construction as for the manhole itself. The cast iron frame shall be placed on the concrete blocks and wedged up to the desired grade. The asphalt concrete pavement shall be cut and removed to a neat circle, the diameter of which shall be equal to the outside diameter of the cast iron frame plus two feet. The base materials and crushed rock shall be removed and Class 4000 Portland Cement Concrete shall be placed so that the entire volume of the excavation is replaced up to within but not to exceed 2 inches of the finished pavement surface. On the day following placement of the concrete, the edge of the asphalt concrete pavement, and the outer edge of the casting shall be painted with hot asphalt cement. Hot mix asphalt shall then be placed and compacted with hand tampers and a patching roller. The complete patch shall match the existing paved surface for texture, density, and uniformity of grade. The joint between the patch and the existing pavement shall then be carefully painted with hot asphalt cement or asphalt emulsion and shall be immediately covered with dry paving sand before the asphalt cement solidifies. The inside throat of the manhole shall be thoroughly mortared and plastered.

Utility structures outside paved areas shall be adjusted to match the finish grade of the area surrounding the structure.
7-05.4 Measurement

Section 7-04.5 is supplemented with the following:

(******)
There will be no specific unit of measurement for any structural excavation in the installation of manholes, inlets, and catch basins.

7-05.5 Payment

Section 7-05.5 is supplemented with the following:

(******)
The Unit Contract Price for "Catch Basin Type 2 48 In. Diam." per Each, shall be full compensation for all labor, equipment, tools, and materials necessary to excavate, load, haul, compact, supply and place Catch Basin Type 2 48 In. Diam., Tee, and any other work required to complete the item as detailed in the plans and contract documents and no further payment will be made.

The Unit Contract Price for "Gravel Backfill for Drywells" per Ton, shall be full compensation for all labor, equipment, tools, and materials necessary to supply, excavate, load, haul, compact, furnish and place geotextile fabric, and any other work required to complete the item as specified and no further payment will be made.

The Unit Contract Price for "Private Pipe Connections And Relocations" paid by Force Account, shall be full compensation for all labor, equipment, tools, and materials necessary to supply, excavate, load, haul, compact, furnish, and any other work required to complete the item as specified and no further payment will be made.

SECTION 7-08, GENERAL PIPE INSTALLATION REQUIREMENTS

7-08.2 Materials

Section 7-08.2 is replaced with the following:

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

7-08.3(2)E Rubber Gasketed Joints

Section 7-08.3(2)E is supplemented with the following:

(******)
Rubber gasketed joints are not required on driveway culvert pipe.

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 "Gravel Backfill For Pipe Zone Bedding and Trench".

7-08.4 Measurement

Section 7-08.4, revise the second paragraph to read:

(******)
Gravel Backfill for Pipe Zone Bedding shall be measured by the ton.

Revise the fourth paragraph to read:

(******)
There will be no specific unit of measurement for any trench excavation in the installation of culvert, storm sewer and sanitary sewer pipes.

7-08.5 Payment

Section 7-08.5 is supplemented with the following:

(******)
When the Engineer directs the Contractor to backfill trenches with "Gravel Backfill For Pipe Zone Bedding and Trench" payment shall be made by the Contract Bid Item "Gravel Backfill For Pipe Zone Bedding and Trench" 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(1)B Erosion and Sediment Control (ESC) Lead

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

(******)
The ESC Lead shall be responsible for all submittals required for the Construction Storm Water permit through the life of the contract. The County will assume responsibility once the contract is complete.

8-01.3(2)B Seeding and Fertilizing

Section 8-02.3(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 39 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>6</td>
</tr>
<tr>
<td>Bluebunch Wheatgrass</td>
<td>Agropyron spicatum</td>
<td>4</td>
</tr>
<tr>
<td>Basin Wild Rye</td>
<td>Elymus cinereus</td>
<td>4</td>
</tr>
<tr>
<td>Annual Rye</td>
<td>Lolium multiformum</td>
<td>25</td>
</tr>
</tbody>
</table>

**Total Pounds per Acre****

39

*(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 \( P_2O_5 \) - 40 pounds per acre
- Soluble Potash as \( K_2O \) - 40 pounds per acre

Ninety percent of nitrogen applied per acre shall be derived from isobutylidene 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.

**8-01.3(2)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.

**8-01.3(2)E 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.

**8-01.5 Payment**

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

(******)
The per-acre price for “Seeding, Fertilizing, and Mulching” shall also include providing tacking agent.

SECTION 8-02, ROADSIDE RESTORATION

8-02.3(4)A Topsoil Type A

Section 8-02.3(4)A of the Standard Specifications is supplemented with the following:

(******)
Topsoil Type A shall be fine aggregate conforming to section 9-03.1(2)B Class 2 and shall be mixed with 40% by volume of commercially supplied vegetative compost approved by the Engineer.

SECTION 8-04, CURBS, GUTTERS, AND SPILLWAYS

8-04.3 Construction Requirements

8-04.3(1) Cement Concrete Curbs, Gutters and Spillways

The first paragraph of Section 8-04.3(1) of the Standard Specifications is deleted and replaced with the following:

(******)
Cement concrete curb, curb and gutter, gutter, spillway, Cement Concrete Sidewalk Ramps, and stairs shall be constructed with air entrained concrete Class 4000 conforming to the requirements of Section 6-02.

The sixth paragraph of Section 8-04.3(1) of the Standard Specifications is deleted and replaced with:

(******)
Should the Contractor elect to have the curbs and gutters cast by the slip - form method, then a modified Class 4000 concrete mix shall be used. The proposed mix shall be submitted for review and approval by the Engineer a minimum of ten working days prior to the date of intended use.

SECTION 8-13, MONUMENT CASES

8-13.1 Description

Section 8-13.1 is replaced with the following:

(******)
This work consists of placing monument cases and covers, in accordance with the Standard Plans and these Specifications, in conformity with the lines and locations shown in the Plans or as staked. Monument cases and covers will be furnished to the Contractor by the County.
8-13.4 Measurement

Section 8-13.4 is replaced with the following:

(*****)
Measurement of monument case and cover will be by the unit for each monument case and cover set.

8-13.5 Payment

Section 8-13.5 is replaced with the following:

(*****)
"Monument Case and Cover (County Furnished)", per Each.

SECTION 8-18, MAILBOX SUPPORT

8-18.3 Construction Requirements

Section 8-18.3 is supplemented with the following:

(*****)
Prior to construction, the Contractor shall inventory all mailboxes to be relocated along the project and either salvage the existing mailboxes or replace in kind. The Contractor shall notify all residents of the location of their temporary mailbox prior to the relocation of said mailboxes.

Mailbox supports shall be replaced as shown on the attached Standard Plans and according to the locations shown on construction plans, or at the location directed by the Engineer and/or the United States Postal Service.

All mailboxes shall be installed such that the front face of the mailbox is flush with the new edge of road and as per the direction of the Engineer.

Newspaper boxes shall be relocated along the project and shall be relocated back after the completion of the project to the satisfaction of the Engineer.

8-18.5 Payment

Section 8-18.5 is supplemented with the following:

(*****)
Payment for the Contract Bid Item "Mailbox Support Type _ _" per Each, shall include all costs for materials, haul, labor, equipment and all other costs necessary to complete the item as specified and no further payment shall be made.

All costs associated with transferring the existing mailboxes and newspaper tubes to the new mailbox supports, including support hardware, clamps, etc. shall be considered
incidental to the Bid Items "Mailbox Support Type _" per Each, and no further payment
shall be made.

SECTION 8-21, PERMANENT SIGNING

8-21.2 Materials

Section 8-21.2 is supplemented with the following:

(January 3, 2011)
Perforated Steel Square Sign Post System
Where noted in the Plans, steel sign post systems shall be square, pre-punched galvanized
steel tubing, that are NCHRP 350 Test Level 3 Certified and FHWA approved. The steel
sign post system shall include all anchor sleeves, and other hardware required for a complete
sign installation.

System Acceptance
Systems listed in the current QPL will be accepted per the QPL approval code. Systems not
listed in the QPL will be accepted based on a Supplier’s Certificate of Compliance. The
Supplier’s Certificate of Compliance will be a contract specific letter from the supplier
stating the system is NCHRP 350 Test Level 3 compliant.

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 striping 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 9-03, AGGREGATES

9-03.8 Aggregates for Hot Mix Asphalt

9-03.8(2) HMA Test Requirements

(March 10, 2010 APWA GSP)

Section 9-03.8(2) is supplemented with the following:

ESAL’s
The number of ESAL’s for the design and acceptance of the HMA shall be 1 million.

9-03.8(7) HMA Tolerances and Adjustments
(March 10, 2010 APWA GSP)

Section 9-03.8(7), Delete Item 1 and replace it with the following:

1. **Job Mix Formula Tolerances.** After the JMF is determined as required in 5-04.3(7)A, the constituents of the mixture at the time of acceptance shall conform to the following tolerances:

<table>
<thead>
<tr>
<th>Aggregate, percent passing</th>
<th>Nonstatistical Evaluation</th>
<th>Commercial Evaluation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot;, ¾&quot;, ½&quot;, and 3/8&quot; sieves</td>
<td>±6%</td>
<td>±8%</td>
</tr>
<tr>
<td>U.S. No. 4 sieve</td>
<td>±6%</td>
<td>±8%</td>
</tr>
<tr>
<td>U.S. No. 8 sieve</td>
<td>±6%</td>
<td>±8%</td>
</tr>
<tr>
<td>U.S. No. 200 sieve</td>
<td>±2.0%</td>
<td>±3.0%</td>
</tr>
<tr>
<td>Asphalt Binder</td>
<td>±0.5%</td>
<td>±0.7%</td>
</tr>
</tbody>
</table>

These tolerance limits constitute the allowable limits as described in Section 1-06.2. The tolerance limit for aggregate shall not exceed the limits of the control points section, except the tolerance limits for sieves designated as 100% passing will be 99-100. The tolerance limits on sieves shall only apply to sieves with control points.
SECTION 9-28 SIGNING MATERIALS AND FABRICATION

9-28.1(2)  Inspection

Section 9-28.1(2) is deleted and replaced with the following:

(******)

The Engineer shall inspect the completed signs at the Yakima County Maintenance facility located at 1216 S. 18th Street, before the installation of the signs. An approved by Yakima County decal shall be affixed to the blank side of each sign with the exception of doubled-faced signs which do not receive decals or fabricators stickers. Signs without the approved decal shall not be installed on the project.

APPENDICES

(January 2, 2012)

The following appendices are attached and made a part of this contract:

APPENDIX A – PREVAILING WAGE RATES

Washington State Prevailing Wage Rates - Yakima County

Benefit Code Key

Supplement to Wage Rates

APPENDIX B - PERMITS

APPENDIX C - STANDARD PLANS

(January 7, 2013)

Standard Plans

The State of Washington Standard Plans for Road, Bridge and Municipal Construction M21-01 transmitted under Publications Transmittal No. PT 11-036, effective January 7, 2013 is made a part of this contract.

The Standard Plans are revised as follows:

B-10.20 and B10.40
Substitute “step” in lieu of “handhold” on plan

B-90.40
Offset & Bend details, add the subtitle, “Plan View” above titles

C-5
Deleted

C-13
Deleted
C-13a
Deleted

C-13b
Deleted

C-13c
Deleted

C-14a
Deleted

C-14b
Deleted

C-14c
Deleted

C-14d
Deleted

C-14e
Deleted

C-15a
Deleted

C-15b
Deleted

C-28.40
Deleted

C-70.10-00
Elevation, and Barrier Connection Detail, callout for premolded joint filler, revise ¼” to 3/8” Note 1, revise ¼” to 3/8”.

The Welded Wire Reinforcing Substitution Option Table is deleted. The note, “*Optional Substitutions to Welded Wire Reinforcements shall conform to Standard Specification Sections 6-10 and 9-07” is revised to read: “Steel Welded Wire Reinforcement Deformed, for Concrete may be substituted for reinforcing steel in accordance with Standard Specification 6-10.3.”

C-75.10-00
Elevation, callout for premolded joint filler, revise ¼” to 3/8”, Note 1, revise ¼” to 3/8”.

The Welded Wire Reinforcing Substitution Option Table is deleted. The note, “*Optional Substitutions to Welded Wire Reinforcements shall conform to Standard Specification
Sections 6-10 and 9-07” is revised to read: “Steel Welded Wire Reinforcement Deformed, for Concrete may be substituted for reinforcing steel in accordance with Standard Specification 6-10.3.”

C-75.20-00
Elevation, callout for premolded joint filler, revise ¼” to 3/8”, Note 1, revise ¼” to 3/8”.
The Welded Wire Reinforcing Substitution Option Table is deleted. The note, “*Optional Substitutions to Welded Wire Reinforcements shall conform to Standard Specification Sections 6-10 and 9-07” is revised to read: “Steel Welded Wire Reinforcement Deformed, for Concrete may be substituted for reinforcing steel in accordance with Standard Specification 6-10.3.”

C-75.30-00
Elevation, and Plan views, callout for premolded joint filler, revise ¼” to 3/8” ”, Note 1, revise ¼” to 3/8”.
The Welded Wire Reinforcing Substitution Option Table is deleted. The note, “*Optional Substitutions to Welded Wire Reinforcements shall conform to Standard Specification Sections 6-10 and 9-07” is revised to read: “Steel Welded Wire Reinforcement Deformed, for Concrete may be substituted for reinforcing steel in accordance with Standard Specification 6-10.3.”

C-80.10-00
The Welded Wire Reinforcing Substitution Option Table is deleted. The note, “*Optional Substitutions to Welded Wire Reinforcements shall conform to Standard Specification Sections 6-10 and 9-07” is revised to read: “Steel Welded Wire Reinforcement Deformed, for Concrete may be substituted for reinforcing steel in accordance with Standard Specification 6-10.3.”

C-80.20-00
The Welded Wire Reinforcing Substitution Option Table is deleted. The note, “*Optional Substitutions to Welded Wire Reinforcements shall conform to Standard Specification Sections 6-10 and 9-07” is revised to read: “Steel Welded Wire Reinforcement Deformed, for Concrete may be substituted for reinforcing steel in accordance with Standard Specification 6-10.3.”

C-80.30-00
The Welded Wire Reinforcing Substitution Option Table is deleted. The note, “*Optional Substitutions to Welded Wire Reinforcements shall conform to Standard Specification Sections 6-10 and 9-07” is revised to read: “Steel Welded Wire Reinforcement Deformed, for Concrete may be substituted for reinforcing steel in accordance with Standard Specification 6-10.3.”

C-80.40-00
The Welded Wire Reinforcing Substitution Option Table is deleted. The note, “*Optional Substitutions to Welded Wire Reinforcements shall conform to Standard Specification Sections 6-10 and 9-07” is revised to read: “Steel Welded Wire Reinforcement Deformed,
for Concrete may be substituted for reinforcing steel in accordance with Standard Specification 6-10.3.”

D-3
Deleted

D-3.10
Key Note 7, reference to 1130.04(5).06 is revised to 730.05(5)

G-24.50
Detail B, callout, “Nylon Washer ~ When sign face has Type 3 or 4 sheeting” is revised to read; Nylon Washer ~ When sign face has Type 3, 4, 8 or 9 sheeting”

G-30.10
Sheet 2, “Sign Installation on Signal or Light Standard” detail, “7'-0’” Min.”(2x) dimension(s) revised to read 7'-0”

G-50.10
Sheet 2, Diamond-Shaped Sign detail, dimension, “More than 36” is revised to read; More than 30”

G-60.20
Side View, callout, “Anchor Rod ~ 1-3/4” Diam. x 4’-4” Threaded 8” Min. Each End; W/ 2 Washers & 4 Heavy Hex Nuts ~ Galvanize Exposed Anchor Rod End for 1’-0” Min.” is revised to read; “Anchor Rod ~ 1-3/4” Diam. x 4’-4” Threaded 8” Min. Each End; W/ 2 Washers & 6 Heavy Hex Nuts ~ Galvanize Exposed Anchor Rod End for 1’-0” Min.”

G-60.30
End View, callout, “Anchor Rod ~ 1-3/4” Diam. x 4’-4” Threaded 8” Min. Each End; W/ 2 Washers & 4 Heavy Hex Nuts ~ Galvanize Exposed Anchor Rod End for 1’-0” Min.” is revised to read; “Anchor Rod ~ 1-3/4” Diam. x 4’-4” Threaded 8” Min. Each End; W/ 2 Washers & 6 Heavy Hex Nuts ~ Galvanize Exposed Anchor Rod End for 1’-0” Min.”

I-60.10
Deleted

I-60.20
Deleted

J-1f
Deleted

J-3b
Sheet 2 of 2, Plan View of Service Cabinet, Boxed Note, “SEE STANDARD PLAN J-6C…” is revised to read: “SEE STANDARD PLAN J-10.10…”
Sheet 2 of 2, Plan View of Service Cabinet Notes, references to Std. Plan J-9a are revised to J-60.05 (3 instances).

J-7c
Deleted

J-12
Deleted

J-15.10
Elevation View (3x), Depth dimension, reads; "Depth ~ See Std. Spec. 9-20.3(14)E and Contract", revised to read; "Depth ~ See Std. Spec. 8-20.3(13)A and Contract"

J-16b
Key Note 1, reference to J-16a is revised to J-40.36

J-16c
Key Note 1, reference to J-16a is revised to J-40.36

J-20.10
Detail A, add callout, $\frac{3}{4}$" Thick Grout (Four sides)

J-20.11
Section B, add callout, $\frac{3}{4}$" Thick Grout (Four sides)

J-40.30
Section A, dimension, "18" Min. from top of soil surface" is revised to read; 24" Min. from top of soil surface. Callout, "Gravel Pad" is revised to read; Crushed Surfacing ~ Per Standard Spec. Section 9-03.9(3)

J-50.16
Deleted

J-75.40
Monotube Sign Structure, elevation, callout – EQUIPMENT GROUNDING CONDUCTOR ~ SIZE PER NEC. MINIMUM SIZE # 8
Is revised to read; EQUIPMENT GROUNDING CONDUCTOR ~ SIZE PER NEC minimum size # 4 AWG

Detail C, callout– EQUIPMENT GROUNDING CONDUCTOR ~ CLAMP TO STEEL REINFORCING BAR, SIZE PER NEC MIN. SIZE # 8
Is revised to read; EQUIPMENT GROUNDING CONDUCTOR ~ CLAMP TO STEEL REINFORCING BAR, SIZE PER NEC minimum size # 4 AWG

J-75.45
elevation, callout – EQUIPMENT GROUNDING CONDUCTOR ~ SIZE PER NEC. MINIMUM SIZE # 8
Is revised to read:

EQUIPMENT GROUNDING CONDUCTOR ~ SIZE PER NEC minimum size # 4 AWG

Detail D, callout ~ EQUIPMENT GROUNDING CONDUCTOR ~ CLAMP TO STEEL REINFORCING BAR, SIZE PER NEC. MIN. SIZE # 8

Is revised to read:

I-90.10
Section B, callout, “Hardware Mounting Rack ~ S. S. 1-5/8” Slotted Channel” is revised to read: “Hardware Mounting Rack (Typ.) ~ Type 304 S. S. 1-5/8” Slotted Channel”

I-90.20
Section B, callout, “Hardware Mounting Rack (Typ.) ~ S. S. 1-5/8” Slotted Channel” is revised to read: “Hardware Mounting Rack (Typ.) ~ Type 304 S. S. 1-5/8” Slotted Channel”

EQUIPMENT GROUNDING CONDUCTOR ~ CLAMP TO STEEL REINFORCING BAR, SIZE PER NEC minimum size # 4 AWG

K-80.30
In the NARROW BASE, END view, the reference to Std. Plan C-8e is revised to Std. Plan K-80.35

The following are the Standard Plan numbers applicable at the time this project was advertised. The date shown with each plan number is the publication approval date shown in the lower right-hand corner of that plan. Standard Plans showing different dates shall not be used in this contract.

A-10.10-00......8/7/07 A-30.35-00......10/12/07 A-50.20-01......9/22/09
A-10.20-00......10/5/07 A-40.00-00......8/11/09 A-50.30-00......11/17/08
A-10.30-00......10/5/07 A-40.10-02......6/2/11 A-50.40-00......11/17/08
A-20.10-00......8/31/07 A-40.15-00......8/11/09 A-60.10-01......10/14/09
A-30.10-00......11/8/07 A-40.20-01......2/7/12 A-60.20-02......6/2/11
A-30.15-00......11/8/07 A-40.50-01......6/2/11 A-60.30-00......11/8/07
A-30.30-01......6/16/11 A-50.10-00......11/17/08 A-60.40-00......8/31/07
B-5.20-01......6/16/11 B-30.50-01......4/26/12 B-75.20-01......6/10/08
B-5.40-01......6/16/11 B-30.70-03......4/26/12 B-75.50-01......6/10/08
B-5.60-01......6/16/11 B-30.80-00......6/8/06 B-75.60-00......6/8/06
B-10.20-01......2/7/12 B-30.90-01......9/20/07 B-80.20-00......6/8/06
B-10.40-00......6/1/06 B-35.20-00......6/8/06 B-80.40-00......6/1/06
B-10.60-00......6/8/06 B-35.40-00......6/8/06 B-82.20-00......6/1/06
B-15.20-01......2/7/12 B-40.20-00......6/1/06 B-85.10-01......6/10/08
B-15.40-01......2/7/12 B-40.40-01......6/16/10 B-85.20-00......6/1/06
B-15.60-01......2/7/12 B-45.20-00......6/1/06 B-85.30-00......6/1/06
B-20.20-02......3/16/12 B-45.40-00......6/1/06 B-85.40-00......6/8/06
B-20.40-03......3/16/12  B-50.20-00......6/1/06  B-85.50-01......6/10/08
B-20.60-03......3/15/12  B-55.20-00......6/1/06  B-90.10-00......6/8/06
B-25.20-01......3/15/12  B-60.20-00......6/8/06  B-90.20-00......6/8/06
B-25.60-00......6/1/06  B-60.40-00......6/1/06  B-90.30-00......6/8/06
B-30.10-01......4/26/12  B-65.20-01......4/26/12  B-90.40-00......6/8/06
B-30.20-02......4/26/12  B-65.40-00......6/1/06  B-90.50-00......6/8/06
B-30.30-01......4/26/12  B-70.20-00......6/1/06  B-95.20-01......2/3/09
B-30.40-01......4/26/12  B-70.60-00......6/1/06  B-95.40-00......6/8/06

C-1..............6/16/11  C-6..............5/30/97  C-23.60-02......6/21/12
C-1a................10/14/09  C-6a................10/14/09  C-24.10-00......7/12/12
C-1b................6/16/11  C-6c..............1/6/00  C-25.18-03......7/2/12
C-1c................5/30/97  C-6d..............5/30/97  C-25.20-05......7/2/12
C-1d................10/31/03  C-6f..............7/25/97  C-25.22-04......7/2/12
C-2................1/6/00  C-7..............6/16/11  C-25.26-02......7/2/12
C-2a..............6/21/06  C-7a..............6/16/11  C-25.80-02......7/2/12
C-2b..............6/21/06  C-8..............2/10/09  C-40.14-02......7/2/12
C-2c..............6/21/06  C-8a..............7/25/97  C-40.16-02......7/2/12
C-2d..............6/21/06  C-8b..............6/27/11  C-40.18-02......7/2/12
C-2e..............6/21/06  C-8e..............2/21/07  C-70.10-00......4/8/12
C-2f..............3/14/97  C-8f..............6/30/04  C-75.10-00......4/8/12
C-2g................7/27/01  C-10..............6/3/10  C-75.20-00......4/8/12
C-2h..............3/28/97  C-16a..............6/3/10  C-75.30-00......4/8/12
C-2i..............3/28/97  C-16b..............6/3/10  C-80.10-00......4/8/12
C-2j..............6/12/98  C-20.10-00......7/2/12  C-80.20-00......4/8/12
C-2k..............7/27/01  C-20.14-02......7/2/12  C-80.30-00......4/8/12
C-2n..............7/27/01  C-20.15-01......7/2/12  C-80.40-00......4/8/12
C-2o..............7/13/01  C-20.18-01......7/2/12  C-80.50-00......4/8/12
C-2p..............10/31/03  C-20.19-01......7/2/12  C-85.10-00......4/8/12
C-3................6/27/11  C-20.40-03......7/2/12  C-85.11-00......4/8/12
C-3a..............10/4/05  C-20.42-03......7/2/12  C-85.14-00......6/16/11
C-3b..............6/27/11  C-20.45-01......7/2/12  C-85.15-00......6/16/11
C-3c..............6/27/11  C-22.14-02......6/16/11  C-85.16-00......6/16/11
C-3d................6/8/06  C-22.16-03......4/18/12  C-85.18-00......6/16/11
C-4e................2/20/03  C-22.40-02......6/16/10  C-85.20-00......6/16/11
C-4f................7/2/12  C-22.45.00......6/16/11  C-90.10-00......7/3/08

D-2.04-00......11/10/05  D-2.48-00......11/10/05  D-3.17-01......5/17/12
D-2.06-01......1/6/09  D-2.64-01......1/6/09  D-4..............12/11/98
D-2.08-00......11/10/05  D-2.66-00......11/10/05  D-6..............6/19/98
D-2.14-00......11/10/05  D-2.68-00......11/10/05  D-10.10-01......12/2/08
D-2.16-00......11/10/05  D-2.80-00......11/10/05  D-10.15-01......12/2/08
D-2.18-00......11/10/05  D-2.82-00......11/10/05  D-10.20-00......7/8/08
D-2.20-00......11/10/05  D-2.84-00......11/10/05  D-10.25-00......7/8/08
D-2.32-00......11/10/05  D-2.86-00......11/10/05  D-10.30-00......7/8/08
D-2.34-01......1/6/09  D-2.88-00......11/10/05  D-10.35-00......7/8/08
D-2.36-02......1/6/09  D-2.92-00......11/10/05  D-10.40-01......12/2/08

C 3203 Lampe Road Improvements  SP 59  SPECIAL PROVISIONS
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C 3203 Lampe Road Improvements  SP 60  SPECIAL PROVISIONS
| J-20.11-00.....7/12/12 | J-28.42-00.....8/07/07 | J-60.05-00.....6/16/11 |
| J-20.15-01.....7/12/12 | J-28.45-01.....6/27/11 | J-60.13-00.....6/16/10 |
| J-20.16-01.....7/12/12 | J-28.50-02.....6/2/11 | J-60.14-00.....6/16/10 |
| J-20.26-01.....7/12/12 | J-28.70-01.....5/11/11 | J-75.20-00.....2/10/09 |
| J-21.15-00.....10/14/09 | J-29.15-00.....6/27/11 | J-75.40-00.....10/14/09 |
| J-21.16-00.....10/14/09 | J-29.16-00.....6/27/11 | J-75.45-00.....10/14/09 |
| J-21.20-00.....10/14/09 | J-40.20-01.....5/17/12 | J-90.20-01.....6/27/11 |

1  K-10.20-01.....10/12/07  K-26.40-01.....10/12/07  K-40.60-00.....2/15/07
K-10.40-00.....2/15/07  K-30.20-00.....2/15/07  K-40.80-00.....2/15/07
K-20.20-01.....10/12/07  K-30.40-01.....10/12/07  K-55.20-00.....2/15/07
K-20.40-00.....2/15/07  K-32.20-00.....2/15/07  K-60.20-02.....7/3/08
K-20.60-00.....2/15/07  K-32.40-00.....2/15/07  K-60.40-00.....2/15/07
K-22.20-01.....10/12/07  K-32.60-00.....2/15/07  K-70.20-00.....2/15/07
K-24.20-00.....2/15/07  K-32.80-00.....2/15/07  K-80.10-00.....2/21/07
K-24.40-01.....10/12/07  K-34.20-00.....2/15/07  K-80.20-00.....12/20/06
K-24.60-00.....2/15/07  K-36.20-00.....2/15/07  K-80.30-00.....2/21/07
K-24.80-01.....10/12/07  K-40.20-00.....2/15/07  K-80.35-00.....2/21/07
K-26.20-00.....2/15/07  K-40.40-00.....2/15/07  K-80.37-00.....2/21/07

2  L-10.10-02.....6/21/12  L-40.10-02.....6/21/12  L-70.10-01.....5/21/08
L-20.10-02.....6/21/12  L-40.15-01.....6/16/11  L-70.20-01.....5/21/08
L-30.10-01.....6/16/11  L-40.20-02.....6/21/12

3  M-1.20-02.....6/3/11  M-9.60-00.....2/10/09  M-40.10-02.....5/11/11
M-1.40-02.....6/3/11  M-11.10-01.....1/30/07  M-40.20-00.....10/12/07
M-1.60-02.....6/3/11  M-15.10-01.....2/6/07  M-40.30-00.....9/20/07
M-1.80-03.....6/3/11  M-17.10-02.....7/3/08  M-40.40-00.....9/20/07
M-2.20-02.....6/3/11  M-20.10-02.....6/3/11  M-40.50-00.....9/20/07
M-3.10-03.....6/3/11  M-20.20-01.....1/30/07  M-40.60-00.....9/20/07
M-3.20-02.....6/3/11  M-20.30-02.....10/14/09  M-60.10-01.....6/3/11
M-5.10-02.....6/3/11  M-24.40-01.....5/31/06  M-80.20-00.....6/10/08
M-7.50-01.....1/30/07  M-24.50-00.....6/16/11  M-80.30-00.....6/10/08
M-9.50-01.....1/30/07  M-24.60-03.....5/11/11
APPENDIX A
PREVAILING WAGE RATES
State of Washington  
Department of Labor & Industries  
Prevailing Wage Section - Telephone 360-902-5335  
PO Box 44540, Olympia, WA 98504-4540

Washington State Prevailing Wage
The PREVAILING WAGES listed here include both the hourly wage rate and the hourly rate of fringe benefits. On public works projects, worker's wage and benefit rates must add to not less than this total. A brief description of overtime calculation requirements are provided on the Benefit Code Key.

<table>
<thead>
<tr>
<th>County</th>
<th>Trade</th>
<th>Job Classification</th>
<th>Wage</th>
<th>Holiday</th>
<th>Overtime</th>
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2/1/2013
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<td>Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards</td>
<td>$51.40</td>
<td>7A</td>
<td>3C</td>
<td>8P</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Horizontal/Directional Drill Locator</td>
<td>$50.98</td>
<td>7A</td>
<td>3C</td>
<td>8P</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Horizontal/Directional Drill Operator</td>
<td>$51.40</td>
<td>7A</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Hydralifts/boom Trucks Over 10 Tons</td>
<td>$50.98</td>
<td>7A</td>
<td>3C</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Hydralifts/boom Trucks, 10 Tons And Under</td>
<td>$48.62</td>
<td>7A</td>
<td>3C</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Loader, Overhead 8 Yards. &amp; Over</td>
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<td>7A</td>
<td>3C</td>
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<td>Power Equipment Operators</td>
<td>Loader, Overhead, 6 Yards. But Not Including 8 Yards</td>
<td>$51.89</td>
<td>7A</td>
<td>3C</td>
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<td>Power Equipment Operators</td>
<td>Loaders, Overhead Under 6 Yards</td>
<td>$51.40</td>
<td>7A</td>
<td>3C</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Loaders, Plant Feed</td>
<td>$51.40</td>
<td>7A</td>
<td>3C</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Loaders: Elevating Type Belt</td>
<td>$50.98</td>
<td>7A</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Locomotives, All</td>
<td>$51.40</td>
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<td>Power Equipment Operators</td>
<td>Mechanics, All (leadmen - $0.50 Per Hour Over Mechanic)</td>
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<td>Mixers: Asphalt Plant</td>
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<td>Power Equipment Operators</td>
<td>Motor Patrol Grader - Non-finishing</td>
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<td>7A</td>
<td>3C</td>
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<td>Power Equipment Operators</td>
<td>Motor Patrol Graders, Finishing</td>
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<td>7A</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield</td>
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<td>7A</td>
<td>3C</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Oil Distributors, Blower Distribution &amp; Mulch Seeding Operator</td>
<td>$48.62</td>
<td>7A</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Outside Hoists (elevators And Manlifts), Air Tuggers,strato</td>
<td>$50.98</td>
<td>7A</td>
<td>3C</td>
<td>8P</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Overhead, Bridge Type Crane: 20 Tons Through 44 Tons</td>
<td>$51.40</td>
<td>7A</td>
<td>3C</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Overhead, Bridge Type: 100 Tons And Over</td>
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<td>Power Equipment Operators</td>
<td>Overhead, Bridge Type: 45 Tons Through 99 Tons</td>
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<td>7A</td>
<td>3C</td>
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<td>Power Equipment Operators</td>
<td>Pavement Breaker</td>
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<td>Power Equipment Operators</td>
<td>Pile Driver (other Than Crane Mount)</td>
<td>$51.40</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Plant Oilier - Asphalt, Crusher</td>
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<td>3C</td>
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<td>Power Equipment Operators</td>
<td>Posthole Digger, Mechanical</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Power Plant</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Pumps - Water</td>
<td>$48.62</td>
<td>7A</td>
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<td>Power Equipment Operators</td>
<td>Quick Tower - No Cab, Under 100 Feet In Height Based To Boom</td>
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<td>7A</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Remote Control Operator On Rubber Tired Earth Moving Equipment</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Rigger And Bellman</td>
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<td>7A</td>
<td>3C</td>
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<td>Power Equipment Operators</td>
<td>Rollagon</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Roller, Other Than Plant Mix</td>
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<td>7A</td>
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<td>Power Equipment Operators</td>
<td>Roller, Plant Mix Or Multi-lift Materials</td>
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<td>7A</td>
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<td>Power Equipment Operators</td>
<td>Roto-mill, Roto-grinder</td>
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<td>7A</td>
<td>3C</td>
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<td>Power Equipment Operators</td>
<td>Saws - Concrete</td>
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<td>7A</td>
<td>3C</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Scraper, Self Propelled Under 45 Yards</td>
<td>$51.40</td>
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<td>3C</td>
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<td>Power Equipment Operators</td>
<td>Scrapers - Concrete &amp; Carry All</td>
<td>$50.98</td>
<td>7A</td>
<td>3C</td>
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<td>Power Equipment Operators</td>
<td>Scrapers, Self-propelled: 45 Yards And Over</td>
<td>$51.89</td>
<td>7A</td>
<td>3C</td>
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<td>Shotcrete/gunite Equipment</td>
<td>$48.62</td>
<td>7A</td>
<td>3C</td>
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<td>Power Equipment Operators</td>
<td>Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons.</td>
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<td>7A</td>
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<td>Power Equipment Operators</td>
<td>Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons</td>
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<td>7A</td>
<td>3C</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons</td>
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<td>7A</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Shovel, Excavator, Backhoe: Over 50 Metric Tons To 90 Metric Tons</td>
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<td>7A</td>
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<td>Power Equipment Operators</td>
<td>Shovel, Excavator, Backhoes: Over 90 Metric Tons</td>
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<td>7A</td>
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<td>Slipform Pavers</td>
<td>$51.89</td>
<td>7A</td>
<td>3C</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Spreader, Topsider &amp; Screedman</td>
<td>$51.89</td>
<td>7A</td>
<td>3C</td>
<td>8P</td>
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<td>Yakima</td>
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<td>Subgrader Trimmer</td>
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<td>7A</td>
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<td>Yakima</td>
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<td>Tower Bucket Elevators</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Tower Crane Over 175'In Height, Base To Boom</td>
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<td>7A</td>
<td>3C</td>
<td>8P</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Tower Crane Up To 175' In Height Base To Boom</td>
<td>$52.44</td>
<td>7A</td>
<td>3C</td>
<td>8P</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Transporters, All Track Or Truck Type</td>
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<td>7A</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Trenching Machines</td>
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<td>Yakima</td>
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<td>Description</td>
<td>Hourly Wage</td>
<td>Rate</td>
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<td></td>
<td>Truck Crane Oiler/driver - 100 Tons And Over</td>
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<td>7A</td>
<td>3C</td>
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<td>Truck Crane Oiler/driver Under 100 Tons</td>
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<td>Wheel Tractors, Farmall Type</td>
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<td>Barrier Machine (zipper)</td>
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<td>7A</td>
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<td>Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure</td>
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<td>7A</td>
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<td>Concrete Pump: Truck Mount With Boom Attachment Up To 42m</td>
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<td>3C</td>
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<td>7A</td>
<td>3C</td>
<td>8P</td>
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<td>Cranes: 20 Tons Through 44 Tons With Attachments</td>
<td>$51.40</td>
<td>7A</td>
<td>3C</td>
<td>8P</td>
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<td>Cranes: 20 Tons Through 44 Tons With Attachments Overhead, Bridge Type Crane: 20 Tons Through 44 Tons</td>
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<td>7A</td>
<td>3C</td>
<td>8P</td>
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<td>Cranes: 100 Tons Through 199</td>
<td>$52.44</td>
<td>7A</td>
<td>3C</td>
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<tr>
<td></td>
<td>Underground Sewer &amp; Water</td>
<td>Tons, Or 150' Of Boom (including Jib With</td>
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<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Cranes: 200 Tons To 300 Tons, Or 250' Of Boom (Including Jib With Attachments)</td>
<td>$53.01</td>
<td>7A</td>
<td>3C</td>
<td>8P</td>
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<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (Including Jib With Attachments)</td>
<td>$51.89</td>
<td>7A</td>
<td>3C</td>
<td>8P</td>
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<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Cranes: Friction 100 Tons Through 199 Tons</td>
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<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Cranes: Friction Over 200 Tons</td>
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<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Cranes: Over 300 Tons Or 300' Of Boom (including Jib With Attachments)</td>
<td>$53.57</td>
<td>7A</td>
<td>3C</td>
<td>8P</td>
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<td>Yakima</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons</td>
<td>$50.98</td>
<td>7A</td>
<td>3C</td>
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<td>6L</td>
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<td>Oilier</td>
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<td>Well Drillers &amp; Irrigation Pump Installers</td>
<td>Well Driller</td>
<td>$18.00</td>
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</tbody>
</table>
Overtime Codes

Overtime calculations are based on the hourly rate actually paid to the worker. On public works projects, the hourly rate must be not less than the prevailing rate of wage minus the hourly rate of the cost of fringe benefits actually provided for the worker.

1. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

B. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

C. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

D. The first two (2) hours before or after a five - eight (8) hour 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 also 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.

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.

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 hours worked on holidays and all other overtime hours worked, except Labor Day, shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.

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 hours (12) in a single shift and all work performed after 6:00 pm Saturday to 6:00 am Monday and holidays shall be paid at double the straight time rate of pay. The employer shall have the sole discretion to assign overtime work to employees. Primary consideration for overtime work shall be given to employees regularly assigned to the work to be performed on overtime situations. After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

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 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 makeup 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.

1. 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.

B. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.
2. C. All hours worked on Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at two times the hourly rate of wage.

F. The first eight (8) hours worked on holidays shall be paid at the straight hourly rate of wage in addition to the holiday pay. All hours worked in excess of eight (8) hours on holidays shall be paid at double the hourly rate of wage.

G. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage.

H. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.

K. All hours worked on holidays shall be paid at two times the hourly rate of wage in addition to the holiday pay.

O. All hours worked on Sundays and holidays shall be paid at one and one-half times the hourly rate of wage.

R. All hours worked on Sundays and holidays and all hours worked over sixty (60) in one week shall be paid at double the hourly rate of wage.

U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked over 12 hours in a day or on Sundays and holidays shall be paid at double the hourly rate of wage.

W. 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. On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The first eight (8) hours worked on the fifth day shall be paid at one and one-half times the hourly rate of wage. All other hours worked on the fifth, sixth, and seventh days and on holidays shall be paid at double the hourly rate of wage.

Y. All hours worked on Saturdays (except for make-up days) shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

3. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HourLY RATE OF WAGE.

A. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at time and one-half the straight time rate. Hours worked over twelve hours (12) in a single shift and all work performed after 6:00 pm Saturday to 6:00 am Monday and holidays shall be paid at double the straight time rate of pay. Any shift starting between the hours of 6:00 pm and midnight shall receive an additional one dollar ($1.00) per hour for all hours worked that shift. 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.

B. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

C. 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 one and one-half times the hourly rate of wage. All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays shall be paid at double the hourly rate of wage. 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.
3. D. All hours worked between 6:00 pm Monday through 6:00 am Saturday, shall be paid at an overtime rate of 15% over the hourly rate of wage. All other hours worked after 6:00 am 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.

E. All hours worked Sundays and holidays shall be paid at double the hourly rate of wage. Each week, once 40 hours of straight time work is achieved, then any hours worked over 10 hours per day Monday through Saturday shall be paid at double the hourly wage rate.

4. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

A. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage.

B. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions) shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

Holiday Codes


P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday And Saturday After Thanksgiving Day, The Day Before Christmas, and Christmas Day (9). If a holiday falls on Sunday, the following Monday shall be considered as a holiday.


**Holiday Codes Continued**


Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). If a holiday falls on Saturday, the preceding Friday shall be considered as the holiday. If a holiday falls on Sunday, the following Monday shall be considered as the holiday.

**Holiday Codes Continued**


B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

C. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

E. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

F. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the last working day before Christmas day and Christmas day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.


H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, and Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last Work Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

M. Paid Holidays: New Year's Day, The Day after or before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the Day after or before Christmas Day. 10). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

N. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. When Christmas falls on a Saturday, the preceding Friday shall be observed as a holiday.


7. Q. Holidays: New Year’s Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.

R. Paid Holidays: New Year’s Day, the day after or before New Year’s Day, President’s Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day after or before Christmas Day (10). If any of the listed holidays fall on Saturday, the preceding Friday shall be observed as the holiday. If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.

Note Codes

8. A. In addition to the hourly wage and fringe benefits, the following depth premiums apply to depths of fifty feet or more:
   - Over 50' To 100' - $2.00 per Foot for Each Foot Over 50 Feet
   - Over 100' To 150' - $3.00 per Foot for Each Foot Over 100 Feet
   - Over 150' To 220' - $4.00 per Foot for Each Foot Over 150 Feet
   - Over 220' - $5.00 per Foot for Each Foot Over 220 Feet

C. In addition to the hourly wage and fringe benefits, the following depth premiums apply to depths of fifty feet or more:
   - Over 50' To 100' - $1.00 per Foot for Each Foot Over 50 Feet
   - Over 100' To 150' - $1.50 per Foot for Each Foot Over 100 Feet
   - Over 150' To 200' - $2.00 per Foot for Each Foot Over 150 Feet
   - Over 200' - Divers May Name Their Own Price

D. Workers working with supplied air on hazmat projects receive an additional $1.00 per hour.

L. Workers on hazmat projects receive additional hourly premiums as follows - Level A: $0.75, Level B: $0.50, And Level C: $0.25.

M. Workers on hazmat projects receive additional hourly premiums as follows: Levels A & B: $1.00, Levels C & D: $0.50.

N. Workers on hazmat projects receive additional hourly premiums as follows - Level A: $1.00, Level B: $0.75, Level C: $0.50, And Level D: $0.25

P. Workers on hazmat projects receive additional hourly premiums as follows - Class A Suit: $2.00, Class B Suit: $1.50, Class C Suit: $1.00, And Class D Suit $0.50.

Q. The highest pressure registered on the gauge for an accumulated time of more than fifteen (15) minutes during the shift shall be used in determining the scale paid.

R. Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. These classifications are only effective on or after August 31, 2012.

S. Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.
8. T. Effective August 31, 2012 — A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.
Washington State Department of Labor and Industries
Policy Statement
(Regarding the Production of "Standard" or "Non-standard" Items)

The offsite fabrication of nonstandard items specifically produced for a public works project is considered public work for which prevailing wages are required.

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.

It is the manufacturer's responsibility to verify that the correct county wage rates are applied to work they perform. 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.

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<thead>
<tr>
<th>ITEM DESCRIPTION</th>
<th>YES</th>
<th>NO</th>
</tr>
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<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>
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</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>
<tr>
<td>-----------------------------------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>8. Anchor Bolts &amp; Nuts - Anchor Bolts and Nuts, for mounting sign structures, luminaries and other items, shall be made from commercial bolt stock. See Contract Plans and Std. Plans for size and material type.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>9. Aluminum Pedestrian Handrail - Pedestrian handrail conforming to the type and material specifications set forth in the contract plans. Welding of aluminum shall be in accordance with Section 9-28.14(3).</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>10. Major Structural Steel Fabrication - Fabrication of major steel items such as trusses, beams, girders, etc., for bridges.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>11. Minor Structural Steel Fabrication - Fabrication of minor steel items such as special hangers, brackets, access doors for structures, access ladders for irrigation boxes, bridge expansion joint systems, etc., involving welding, cutting, punching and/or boring of holes. See Contact Plans for item description and shop drawings.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>12. Aluminum Bridge Railing Type BP - Metal bridge railing conforming to the type and material specifications set forth in the Contract Plans. Welding of aluminum shall be in accordance with Section 9-28.14(3).</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>13. Concrete Piling--Precast-Prestressed concrete piling for use as 55 and 70 ton concrete piling. Concrete to conform to Section 9-19.1 of Std. Spec..</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>14. Precast Manhole Types 1, 2, and 3 with cones, adjustment sections and flat top slabs. See Std. Plans.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>15. Precast Drywell Types 1, 2, and with cones and adjustment Sections. See Std. Plans.</td>
<td></td>
<td>X</td>
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Supplemental to Wage Rates
08/31/2012 Edition, Published August 3rd, 2012
<table>
<thead>
<tr>
<th>ITEM DESCRIPTION</th>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<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 utilties. 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 H-Q. 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>
</tr>
<tr>
<td>---------------------------------------------------------------------------------</td>
<td>-----</td>
<td>----</td>
</tr>
<tr>
<td>27. Precast Railroad Crossings - Concrete Crossing Structure Slabs.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>28. 12, 18 and 26 inch Standard Precast Prestressed Girder – Standard Precast</td>
<td></td>
<td>X</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>
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<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 Girders for</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>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>
<tr>
<td>girders. See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30. Prestressed Tri-Beam Girder - Prestressed Tri-Beam Girders for use in</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>structures. Fabricator plant has annual approval of methods and materials to</td>
<td></td>
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<tr>
<td>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>
<td></td>
</tr>
<tr>
<td>31. Prestressed Precast Hollow-Core Slab – Precast Prestressed Hollow-core</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>slab for use in structures. Fabricator plant has annual approval of methods</td>
<td></td>
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<tr>
<td>and materials to be used. Shop Drawing to be provided for approval prior to</td>
<td></td>
<td></td>
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<tr>
<td>casting girders. See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32. Prestressed-Bulb Tee Girder - Bulb Tee Prestressed Girder for use in</td>
<td></td>
<td>X</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>
</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>34. Cantilever Sign Structure - Cantilever Sign Structure fabricated from steel tubing meeting AASHTO-M-183. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>35. Mono-tube Sign Structures - Mono-tube Sign Bridge fabricated to details shown in the Plans. Shop drawings for approval are required prior to fabrication.</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>36. Steel Sign Bridges - Steel Sign Bridges fabricated from steel tubing meeting AASHTO-M-136 for Aluminum Alloys. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.</td>
<td></td>
<td>X</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>X</td>
<td></td>
</tr>
<tr>
<td>38. Light Standard-Prestressed - Spun, prestressed, hollow concrete poles.</td>
<td></td>
<td>X</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></td>
<td>X</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></td>
<td>X</td>
</tr>
<tr>
<td>41. Precast Concrete Sloped Mountable Curb (Single and DualFaced) See Std. Plans.</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>
<tr>
<td>42. Traffic Signs - Prior to approval of a Fabricator of Traffic Signs, the</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>sources of the following materials must be submitted and approved for</td>
<td></td>
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<tr>
<td>reflective sheeting, legend material, and aluminum sheeting.</td>
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<tr>
<td><strong>NOTE:</strong> *** Fabrication inspection required. Only signs tagged ***Fabrication</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approved&quot; by WSDOT Sign Fabrication Inspector to be installed</td>
<td></td>
<td></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></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>X</td>
<td></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>
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<tr>
<td>ITEM DESCRIPTION</td>
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<td>NO</td>
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<tr>
<td>----------------------------------------</td>
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<tr>
<td>53. Fencing materials</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>54. Guide Posts</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>55. Traffic Buttons</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>56. Epoxy</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>57. Cribbing</td>
<td></td>
<td>X</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></td>
<td>X</td>
</tr>
<tr>
<td>60. Steel pipe for concrete pile casings</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>61. Steel pile tips, standard</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>62. Steel pile tips, custom</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>
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.]
APPENDIX B
STANDARD PLANS
Notes:
1. As acceptable alternatives to the rebar shown in the Precast Base Section, fibers (placed according to the Standard Specifications), or wire mesh having a minimum area of 0.12 square inches per foot shall be used with the minimum required rebar shown in the Alternative Precast Base Section. Wire mesh shall not be placed in the knockouts.

2. The knockout diameter shall not be greater than 20". Knockouts shall have a wall thickness of 2" minimum to 2.5" maximum. Provide a 1.5" minimum gap between the knockout wall and the outside of the pipe. After the pipe is installed, fill the gap with joint mortar in accordance with Standard Specification 9-04.3.

3. The maximum depth from the finished grade to the lowest pipe invert shall be 5'.

4. The frame and grate may be installed with the flange down, or integrally cast into the adjustment section with flange up.

5. The Precast Base Section may have a rounded floor, and the walls may be sloped at a rate of 1:24 or steeper.

6. The opening shall be measured at the top of the Precast Base Section.

7. All pickup holes shall be grouted full after the basin has been placed.
**NOTES**

1. As acceptable alternatives to the rebar shown in the PRECAST BASE SECTION, fibers (placed according to the Standard Specifications), or wire mesh having a minimum area of 0.12 square inches per foot, shall be used with the minimum required rebar shown in the ALTERNATIVE PRECAST BASE SECTION. Wire mesh shall not be placed in the knockouts.

2. The knockout shall not be greater than 26", in any direction. Knockouts shall have a wall thickness of 2" minimum to 2.5" maximum. Provide a 1.5" minimum gap between the knockout wall and the outside of the pipe. After the pipe is installed, fill the gap with joint mortar in accordance with Standard Specification 9-04.3.

3. The maximum depth from the finished grade to the lowest pipe invert shall be 5'.

4. The frame and grate may be installed with the flange down or integrally cast into the adjustment section with flange up.

5. The Precast Base Section may have a rounded floor, and the walls may be sloped at a rate of 1:24 or steeper.

6. The opening shall be measured at the top of the Precast Base Section.

7. All pickup holes shall be grouted full after the basin has been placed.
NOTES
1. No steps are required when height is 4' or less.
2. The bottom of the precast catch basin may be sloped to facilitate cleaning.
3. The rectangular frame and grate may be installed with the flange up or down. The frame may be cast into the adjustment section.
4. Knockouts shall have a wall thickness of 2" minimum to 2.5" maximum. Provide a 1.5" minimum gap between the knockout wall and the outside of the pipe. After the pipe is installed, fill the gap with joint mortar in accordance with Standard Specification 9-04.3.

CATCH BASIN DIMENSIONS

<table>
<thead>
<tr>
<th>CATCH BASIN DIAMETER</th>
<th>MIN. WALL THICKNESS</th>
<th>MIN. BASE THICKNESS</th>
<th>MAXIMUM KNOCKOUT SIZE</th>
<th>MINIMUM DISTANCE BETWEEN KNOCKOUTS</th>
</tr>
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<tbody>
<tr>
<td>48&quot;</td>
<td>4&quot;</td>
<td>6&quot;</td>
<td>30&quot;</td>
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</tr>
<tr>
<td>54&quot;</td>
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<td>12&quot;</td>
<td>12&quot;</td>
<td>108&quot;</td>
<td>12&quot;</td>
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</table>

PIPE ALLOWANCES

<table>
<thead>
<tr>
<th>CATCH BASIN DIAMETER</th>
<th>PIPE MATERIAL WITH MAXIMUM INSIDE DIAMETER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CONCRETE</td>
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<td>----------------------</td>
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</tr>
<tr>
<td>48&quot;</td>
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<td>66&quot;</td>
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<tr>
<td>144&quot;</td>
<td>78&quot;</td>
</tr>
</tbody>
</table>

① Corrugated Polyethylene Storm Sewer Pipe (Standard Specification 9-05.20)
② (Standard Specification 9-05.12(1))
③ (Standard Specification 9-05.12(2))

CATCH BASIN TYPE 2
STANDARD PLAN B-10.20-01
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
Pasco Batakis III 02-01-12
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
NOTES

1. This frame is designed to accommodate 22" x 24" grates or covers as shown on Standard Plans B-38.20, B-38.30, B-38.40, and B-38.60.

2. Bolt-down capability is required on all frames, grates, and covers, unless specified otherwise in the Contract. Provide 2 holes in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the 5/8" - 11 NC x 2" Allen head cap screw by being tapped, or other approved mechanism. Location of bolt-down holes varies by manufacturer.

3. Refer to Standard Specification B-05.15(2) for additional requirements.
NOTES
1. Bolt-down capability is required on all frames, grates, and covers, unless specified otherwise in the Contract. Provide 2 holes in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the 5/8" - 11 NC x 2" Allen head cap screw by being tapped, or other approved mechanism. Location of bolt-down holes varies by manufacturer.
2. Alternative reinforcing designs are acceptable in lieu of the rib design.
3. Refer to Standard Specification 9-06.16(2) for additional requirements.
4. For frame details, see Standard Plan B-30.10.
NOTES

1. Bolt-down capability is required on all frames, grates, and covers, unless specified otherwise in the Contract. Provide 2 holes in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the 5/8” × 1-1/2” slotted Allen head cap screw by being tapped, or other approved mechanism. Location of bolt-down holes varies by manufacturer.

2. For more details, see Standard Plan B-30.10.

3. Refer to Standard Specification 9-06.16(3) for additional requirements.

RECTANGULAR VANED GRATE
STANDARD PLAN B-30.30-01

Sheet 1 Of 1 Sheet

APPROVED FOR PUBLICATION

Pasco Bakotich III 04/26/12

Washington State Department of Transportation
NOTES

1. Bolt-down capability is required on all frames, grates, and covers, unless specified otherwise in the Contract. Provide 2 holes in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the 5/8" x 11 NC x 2" Allen head cap screw by being tapped, or other approved mechanism. Location of bolt-down holes varies by manufacturer.

2. Refer to Standard Specification 9-05.16(3) for additional requirements.

3. For frame details, see Standard Plan B-30.10.

4. The thickness of the grate shall not exceed 1 5/8".
NOTES

1. The gasket and groove may be in the seat (frame) or in the underside of the cover. The gasket may be "T" shaped in section. The groove may be cast or machined.

2. Bolt-down capability is required on all frames, grates, and covers, unless specified otherwise in the Order. Provide 3 bolts in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the S8 - 1 NO = 2" Allen head cap screw by being tapped, or other approved mechanism. Location of bolt down holes varies by manufacturer.

3. For bolt-down manhole ring and covers that are not designated "Watertight," the neoprene gasket, groove, and washer are not required.

4. Washer shall be neoprene (Detail "B").

5. In lieu of blind pick notch for manhole covers, a single 1" pick hole is acceptable. Hole location and number of holes may vary by manufacturer.

6. Alternative reinforcing designs are acceptable in lieu of the rib design.

7. For clarity, the vertical scale of the Cover Section has been exaggerated, it is 1.5 times the horizontal scale (1:1.5V).

CIRCULAR FRAME (RING) AND COVER
STANDARD PLAN B-30.70-03
Sheet 1 of 1 sheet
APPROVED FOR PUBLICATION
Pasco Bakosich III 04/26/12
Washington State Department of Transportation
NOTES

1. For use with Circular Frames (rings) detailed in Standard Plan B-30.70.

2. Slotted Manhole Covers are intended for use with Drywells only. See Standard Plans B-20.20 and B-20.80.

CIRCULAR GRATE
STANDARD PLAN B-30.80-00

Harold J. Petersen  06-08-06
Washington State Department of Transportation
84" or 96" FLAT SLAB TOP
20" x 24", 24" DIA., 48" DIA.
OR 54" DIA. HOLE

72" FLAT SLAB TOP
20" x 24", 24" DIA., 48" DIA.
OR 54" DIA. HOLE

48", 54", or 60" FLAT SLAB TOP
20" x 24" OR
24" DIA., HOLE

NOTE
Ladder rungs for manholes and catch basins shall meet the requirements of AASHTO M 189.

TYPICAL ORIENTATION
FOR ACCESS AND STEPS

ECCENTRIC CONE SECTION

RECTANGULAR ADJUSTMENT SECTION
As an acceptable alternative to rebar, wire mesh having a minimum area of 0.12 square inches per foot may be used for adjustment sections.

CIRCULAR ADJUSTMENT SECTION

PREFABRICATED LADDER

ONE #5 BAR HOOP FOR 6" OR 9" OR 12"
TWO #5 BAR HOOPS FOR 12"

MISCELLANEOUS DETAILS
FOR
DRAINAGE STRUCTURES
STANDARD PLAN B-30.90-01

APPROVED FOR PUBLICATION
Pasco Bakutch III
09-20-07
Washington State Department of Transportation
EXPIRES JULY 1, 2009
NOTES
1. See Standard Specifications Section 7-08.3(3) for Pipe Zone Backfill.
2. See Standard Specifications Section 9-03.12(3) for Gravel Backfill for Pipe Zone Bedding.
4. For sanitary sewer installation, concrete pipe shall be bedded to spring line.
NOTES

1. The culvert ends shall be beveled to match the embankment or ditch slope and shall not be beveled flatter than 4:1:1. When slopes are between 4:1:1 and 6:1:1, 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 E-70.20-00

APPROVED FOR PUBLICATION

Harold J. Paterfiso 06-01-06

Washington State Department of Transportation
WOOD POST FASTENERS

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STEEL POST FASTENERS

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NOTES

1. A socket and wedge anchoring system that meets the NCHRP 350 crash test criteria may be substituted in lieu of the anti-twist plate designs shown. Anti-twist plates are not required for wood post installations.

2. The platform design shown on this plan features slots that accommodate several types of mailbox supports; only those slots necessary for assembling the type being installed are required. An adjustable platform may be used in lieu of this design, but it must fit the bracket design shown on this plan. Brackets are required for all single-post installations. Field drilling may be necessary.

3. Center the mailbox on the platform to ensure space for the mailbox door to open and to allow space for installing the fasteners (see ALIGNMENT DETAIL, Sheet 2). Spacing of mailbox mounting holes varies among manufacturers. Attachment of the mailbox to the platform may require drilling additional holes through the mailbox to fit the platform.

4. Attach a newspaper box to a steel post with two 1 1/2" Muffler Clamps spaced 4" apart. Field drill 7/16" holes in the newspaper box to fit. Use 2 1/2" x 1/4" lag bolts to attach newspaper boxes to wood posts. Newspaper boxes must not extend beyond the front of the mailbox when the mailbox door is closed.

5. A Type 2 Support (Standard Plan H-70.20) is required when 2 or more mailboxes are to be installed on one support.
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 five mailboxes 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-70.19, 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-Cam.

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" Mudder 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.
NOTES
1. Maximize detention of stormwater by placing fences as far away from the top of slope as possible without encroaching on sensitive areas or outside of clearing boundaries.
2. Install silt fencing along contours.
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 B.01.2(8)A and B.01.3(10).

SEE NOTE 3

SECTION A

NOTE
During excavation, minimize disturbing the ground around trench as much as is feasible and smooth surface following excavation to avoid concentrating flows.

SPACED FENCE SECTIONS SHALL BE CLOSE ENOUGH TOGETHER TO PREVENT SILT- LADEN WATER FROM ESCAPING THROUGH THE FENCE AT THE OVERLAP. JOINING SECTIONS SHALL NOT BE PLACED IN LOW SPOTS OR IN SUNFLOPPED LOCATIONS.

TYPICAL SPLICE—with backup support—isometric

GEOTEXTILE FOR TEMPORARY SILT FENCE—SEE STANDARD SPECIFICATION SECTION 9.13.1, TABLE 6

INSTALL BACKUP SUPPORT FOR THE GEOTEXTILE—SEE STANDARD SPECIFICATION SECTION 9.13.2A

PROTECTED AREA

T-POST (TYPICAL)

BACKUP SUPPORT (TYPICAL)

FABRIC (GEOTEXTILE) (TYPICAL)

SILT FENCE WITH BACKUP SUPPORT

STANDARD PLAN I-30.10-01

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

APPROVED FOR PUBLICATION
Pasco Bakotich III 08-11-09
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
NOTES

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.

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(b) and 8.01.3(10).

NOTE

DURING EXCAVATION, MINIMIZE DISTURBANCE OF THE GROUND AROUND TRENCH AS MUCH AS IS FEASIBLE AND SMOOTH SURFACE FOLLOWING EXCAVATION TO AVOID CONCENTRATING FLOWS.

SECTION A

TYPICAL SPLICE
- SEE DETAIL

GEO TEXTILE FOR TEMPORARY SILT FENCE
- SEE STANDARD SPECIFICATION SECTION 9-23.2 (1), TABLE 6

TYPICAL SILT FENCE WITHOUT BACKUP SUPPORT
ISOMETRIC

SPliced FENCE SECTIONS SHALL BE CLOSE ENOUGH TOGETHER TO PREVENT SILT LADEN WATER FROM ESCAPING THROUGH THE FENCE AS THE OVERLAP JOINING SECTIONS SHALL NOT BE PLACED IN LOW SPOTS OR IN DUMP LOCATIONS.

SPlice DETAIL

STATE OF WASHINGTON
REGISTERED LANDSCAPE ARCHITECT

MARK W. MAUSER
CERTIFICATE NO. 000588

SPILL BUTTLE

SILT FENCE

STATEMENT PLAN 1-30.15-01

APPROVED FOR PUBLICATION
Pasco Kachick III 02-07-12

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
NOTES
1. Size the Below Inlet Grate Device (BIGD) for the storm water structure it will service.
2. The BIGD shall have a built-in high-flow relief system (overflow bypass).
3. The retrieval system must allow removal of the BIGD without spilling the collected material.
4. Perform maintenance in accordance with Standard Specification 6-01.3(15).

STORM DRAIN
INLET PROTECTION
STANDARD PLAN 1-40.20-00
PLAN VIEW

WSDOT STANDARD PLAN B-30.10-00 AND B-30.50-00

RISER SECTION (AS APPLICABLE)

RISER SECTION (AS APPLICABLE)

GROUT TYPE 2 PER ASTM C-1107 BETWEEN RISERS AND GRATE (TYP.)

PRECAST WATERPROOF SLEEVE OR GROUT TYPE 2, INSIDE AND OUT (TYP.), MEETING ASTM C-1107, MINIMUM COMPRESSIVE STRENGTH SHALL BE 4000 PSI AT 7 DAYS.

OUTLET

PIPE

SEE PLANS FOR INVERT ELEVATION

CRUSHED SURFACING TOP COURSE FOR BEDDING, AS NEEDED

SECTION A-A

NOTE:
WHEN STREET GRADE EXCEEDS 5% USE VANED GRATE WSDOT STANDARD PLAN B-30.30-00.

TYPE 1 CATCH BASIN STRUCTURE
CROSS SECTION
NTS

NOTE:

1) SEE SPECIAL PROVISIONS FOR CONSTRUCTION DETAILS.
2) SEE PLANS FOR PERCOLATION TRENCH DIMENSIONS.

CATCH BASIN TYPE 2 WITH INFILTRATION TRENCH
NOTES:
1) CEMENT CONCRETE FOR CURBS AND GUTTERS SHALL MEET THE REQUIREMENTS FOR CLASS 4000 CONCRETE.
2) PREMOLDED JOINT FILLER SHALL MEET THE REQUIREMENTS OF SECTION 9-04.1 OF THE WSDOT STANDARD SPECIFICATIONS.
3) FULL DEPTH EXPANSION JOINTS WITH 1/4" ASPHALT EXPANSION JOINT FILLER SHALL BE PLACED AT 15'-0" INTERVALS, AND AT ALL POINTS OF TANGENCY. CONTRACTION JOINTS SHALL BE PLACED AT 5'-0" INTERVALS TYPICALLY.
4) CEMENT CONCRETE CURBS AND GUTTERS SHALL BE FINISHED AS SPECIFIED IN SECTION 8-04 OF THE STANDARD SPECIFICATIONS.
5) CEMENT CONCRETE CURBS AND GUTTERS SHALL BE CURED AS SPECIFIED IN SECTION 5-05.3(13) OF THE WSDOT STANDARD SPECIFICATIONS.
6) BACKFILL MATERIAL BEHIND CURBS SHALL EXTEND FROM TOP BACK OF CURB TO A POINT AS DIRECTED BY THE ENGINEER. THE TOP 4" OF BACKFILL, OR NATIVE MATERIAL, SHALL BE A FINE GRADED MATERIAL SUITABLE FOR LAWNS, AND SHALL BE COMPACTED.
NOTES:
1) MACHINE BEARING FACES OF CASE AND COVER TO INSURE POSITIVE FIT.
2) CASTING SHALL BE GRAY IRON AASHTO M-105, CLASS 30.

MONUMENT CASE AND COVER

STANDARD PLAN

S-10

REVISION: DESCRIPTION: DATE:
VISIBLE FROM APPROACHING ROADWAY WITH SPEED OF 25 MPH

SIGN FABRICATION SHALL MEET THE CURRENT EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) STANDARD HIGHWAY SIGNS MANUAL.

SIGN FACE
D3-1 (MODIFIED)

1 1/2" RADIUS

6" 3" 4"

W Wapato Rd

VARIABLE

COLORS
LEGEND - WHITE (REFL)
BACKGROUND - GREEN (REFL)

ALL LEGEND SHALL BE SERIES E (MODIFIED)

LEGEND 4" U.C. / 3" L.C.
ALL SPACING 2.67"
DIRECTION (W) 3" U.C.
ABBREVIATION (R/d) 3" U.C. / 2.25" L.C.

THE REFLECTIVE SHEETING SHALL MEET THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) RETROREFLECTIVITY REQUIREMENTS.

REFLECTIVE SIGN SHEETING SHALL BE TYPE IIIIP (HIP).

ROAD NAME SIGN SPECIFICATIONS - D3-1 (MODIFIED) 25 MPH

APPROVED BY:

County Engineer:

DATE:

STANDARD PLAN

TS-1

YAKIMA COUNTY

REVISION: DESCRIPTION: DATE:

SHEET 1 OF 1
VISIBLE FROM APPROACHING ROADWAY WITH SPEED GREATER THAN 25 MPH

SIGN FABRICATION SHALL MEET THE CURRENT EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) STANDARD HIGHWAY SIGNS MANUAL.

SIGN FACE
D3-1 (MODIFIED)

1 1/2" RADIUS

W Wapato Rd

VARIEABLE

COLORS
LEGEND - WHITE (REFL)
BACKGROUND - GREEN (REFL)

ALL LEGEND SHALL BE SERIES E (MODIFIED)
LEGEND 6" U.C. / 4.5" L.C.
ALL SPACING 4"
DIRECTION (W) 3" U.C.
ABBREVIATION (R/d) 3" U.C. / 2.25" L.C.

THE REFLECTIVE SHEETING SHALL MEET THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) RETROREFLECTIVITY REQUIREMENTS.
REFLECTIVE SIGN SHEETING SHALL BE TYPE III (HIP).

ROAD NAME SIGN SPECIFICATIONS - D3-1 (MODIFIED) GREATER THAN 25 MPH

APPROVED BY:
County Engineer:

STANDARD PLAN
TS-2

YAKIMA COUNTY

Sheet 1 of 1
### STRUCTURE NOTES

**NOTE:** THE FIRST NUMBER OF 'CODE DESIGNATION REFERS TO THE SHEET NUMBER OF THE CONTRACT PLANS. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE ON THE PARTICULAR SHEET.

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**Totals This Sheet:** 140 0 118 22 7 4 2,835 108 0 3,412 1,538 162
## STRUCTURE NOTES

**Note:** The first number of "code designation refers to the sheet number of the contract plans. The second number refers to the construction feature on the particular sheet.

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- 30
- 52
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- 0
- 0
- 0
- 15
- 153
- 38
- 0

**Totals Previous Sheet:**
- 140
- 0
- 118
- 22
- 7
- 4
- 2,289
- 108
- 0
- 3,412
- 1,538
- 162

**Totals:**
- 140
- 30
- 170
- 23
- 7
- 4
- 2,983
- 108
- 15
- 3,565
- 1,576
- 382
LAMPE ROAD
SEC. 24, T.14 N., R.18 E., W.M.

C 3203

PREPARED UNDER THE DIRECTION OF:
GARY N. EASTON
REGISTERED ENGINEER
COUNTY ENGINEER DATE: 7/6/13

LAMPE ROAD IMPROVEMENT PROJECT
N. WENAS ROAD TO NAGLER ROAD

PLAND AND PROFILE
STA 42+00 TO STA 47+00

SHEET 12 OF 35
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<td>6.8</td>
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**Totals for this sheet:**

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Totals for this sheet: 1073.3  61.3  136.1  40.1

Totals from sheet 1: 686.7  71.4  306.5  146.3

Totals: 794.0  133.7  496.6  186.4
## GENERAL TRAFFIC CONTROL SIGN SPECIFICATIONS

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<th>NOTES</th>
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<td># 15' 6&quot; 10'</td>
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NOTE: THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING SITE SPECIFIC TRAFFIC CONTROL PLANS TO THE PROJECT ENGINEER FOR REVIEW AND APPROVAL.

*NOTE: POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR.*

**NOTES:**
1. MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES).
2. FOR STRUCTURE AND MOUNTING DETAILS, SEE STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION, SERIES 6.
3. IN CODE REFERENCES AND STANDARD SIGN LAYOUT DETAILS, SEE STANDARD HIGHWAY SIGNS MANUAL.
4. ALL SIGNS, POSTS AND ANY OTHER TRAFFIC CONTROL DEVICES SHALL BE SUPPLIED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
5. THE SIGNS SHALL NOT PROTRUDE ABOVE THE SIGNS.
# SIGN REMOVAL SPECIFICATIONS

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<td>WOOD</td>
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<td>24&quot; x 6&quot;</td>
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<td>2&quot; x 2&quot;</td>
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**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 1216 S. 18TH ST., YAKIMA, WA. 98901. CONTACT CRAIG BLANKENSHIP AT (509) 574-2396.
# PERMANENT SIGNING SPECIFICATIONS

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<th>SIGN NO.</th>
<th>MUTCD SIGN NO.</th>
<th>LOCATION (PT.)</th>
<th>SIGN SIZE (IN.)</th>
<th>SHEETING TYPE</th>
<th>POST MATERIAL</th>
<th>POST SIZE (IN.)</th>
<th>POST INST. (IN.)</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 SIGNS MANUAL.
4. ALL SIGNS, POSTS AND ANY OTHER TRAFFIC CONTROL DEVICES SHALL BE SUPPLIED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
5. THE POSTS SHALL NOT PROTRUDE ABOVE THE SIGNS.
TYPICAL SIGN INSTALLATION

NOTE: SEE WS DOT STANDARD PLAN 6-24-50.00
LAMPE ROAD

MATCH EXISTING EDGE LINE

LANE 1
STA. 10+50
STA. 10+72
STA. 10+72

LANE 2
STA. 15+20

LANE 3
STA. 15+20

MATCH LINE STA. 15+20

N. WENAS ROAD TO NAGLER ROAD

PREPARED UNDER THE DIRECTION OF:

COUNTY ENGINEER
DATE: 2/6/13

CHANNELIZATION NOTES

1) PAINTED CENTER LINE
2) PAINTED CENTER LINE WITH NO PASS LINE
3) PAINTED DOUBLE CENTER LINE
4) PAINTED EDGE LINE

CONSTRUCTION LINE

TYPICAL CENTER LINE
WITH NO PASS LINE

TYPICAL SKIP CENTER LINE

TYPICAL DOUBLE CENTER LINE

NOTES:

1) THE PAVEMENT MARKINGS SHALL BE SPOTTED BY THE ENGINEER PRIOR TO PAINTING. THE ENGINEER SHALL BE NOTIFIED AT LEAST 5 WORKING DAYS PRIOR TO PAINTING TO SPOT THE PAVEMENT MARKINGS.