CONTRACT SPECIFICATIONS

For The Construction Of:

RAIL TO TRAIL
LOW ROAD TO OLD NACHES HWY.

NR 3537
Yakima County Public Services Project
YAKIMA COUNTY, WASHINGTON

CONTRACT DOCUMENTS

FOR

RAIL TO TRAIL PROJECT

HLA PROJECT NO. 12061

ENGINEER:
Huibregtse, Louman Associates, Inc. (HLA)
2803 River Road
Yakima, WA 98902

FUNDING AGENCY:
Yakima Greenway Foundation
and
Washington State Recreation and Conservation Office

MAY 2014
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
REGISTERED PROFESSIONAL ENGINEER

COUNTY ENGINEER

DATE: 8/6/14
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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 August 20, 2014.

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
INFORMATIONAL BID DOCUMENTS
NR 3537
1
PROPOSAL

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

NR 3537 – RAIL TO TRAIL

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>
<td>$</td>
<td>$</td>
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<tr>
<td>2</td>
<td>CLEARING AND GRUBBING</td>
<td>1</td>
<td>L.S.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>3</td>
<td>REMOVAL OF STRUCTURE AND OBSTRUCTION</td>
<td>1</td>
<td>L.S.</td>
<td>$</td>
<td>$</td>
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<tr>
<td>4</td>
<td>REMOVING AND Resetsetting WIRE FENCE</td>
<td>1,000</td>
<td>L.F.</td>
<td>$</td>
<td>$</td>
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<td>5</td>
<td>PATHWAY EXCAVATION AND GRADING</td>
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<td>L.S.</td>
<td>$</td>
<td>$</td>
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<td>6</td>
<td>BORROW EXCAVATION INCLUDING HAUL</td>
<td>1,600</td>
<td>C.Y.</td>
<td>$</td>
<td>$</td>
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<td>7</td>
<td>DRAIN PIPE 8 IN. DIAM.</td>
<td>25</td>
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<td>8</td>
<td>12-IN. INFILTRATION TRENCH</td>
<td>140</td>
<td>L.F.</td>
<td>$</td>
<td>$</td>
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<td>9</td>
<td>CRUSHED SURFACING TOP COURSE</td>
<td>7,480</td>
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<td>10</td>
<td>HMA CLASS 3/8-In., PG 64-28</td>
<td>5,250</td>
<td>TON</td>
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<td>11</td>
<td>SOIL, RESIDUAL HERBICIDE, 10 FT. WIDE</td>
<td>4.60</td>
<td>MILE</td>
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<td>12</td>
<td>EROSION CONTROL AND PLANTING</td>
<td>12</td>
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<td>EROSION/WATER POLLUTION CONTROL</td>
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<td>15</td>
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<td>80</td>
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<td>16</td>
<td>RAISED CURB MEDIAN</td>
<td>15</td>
<td>EACH</td>
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<td>PEDESTRIAN CURB</td>
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<td>18</td>
<td>TRAIL TO ROADWAY-ADA LANDING</td>
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<td>EACH</td>
<td>$</td>
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<td>19</td>
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<td>PERMANENT SIGNS</td>
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<td>22</td>
<td>PAINT LINE</td>
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<td>PAINTED STOP LINE</td>
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<td>PAINTED CROSSWALK LINE</td>
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**OTHER ITEMS**

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<td>CEMENT CONC. CURB RAMP TYPE PARALLEL</td>
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<td>26</td>
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<td>CHAIN LINK FENCE TYPE 4</td>
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<td>28</td>
<td>SPECIAL SWING GATE, 14 FT. WIDE</td>
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<td>PARKING CURB STOP</td>
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<td>BOLLARD</td>
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<td>MINOR CHANGE</td>
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<td>$15,000.00</td>
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**BID AMOUNT NR 3537** $
PROPOSAL – Continued

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

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

CASH [ ] IN THE AMOUNT OF ______________________

CASHIER’S CHECK [ ] ________________________________ DOLLARS

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

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

Bidder acknowledges receipt of the following Addendums:

<table>
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<th>Date</th>
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The undersigned has telephoned the Office of the Yakima County Engineer for verification of the number of Addendums issued.

SIGNATURE OF AUTHORIZED OFFICIAL(S)

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

Signed and sworn (or affirmed) before me on _________________ Date

________________________
NOTARY PUBLIC
My appointment expires _________________ (Seal and Stamp)

NOTE: (1) This proposal is not transferable and any alteration of the firm’s name entered hereon without prior permission from the County Engineer shall be cause for considering the proposal irregular and subsequent rejection of the bid.
(2) Please refer to Section 1-02.6 of the Standard Specifications, re: “Preparation of Proposal”.
(3) Should it be necessary to modify this proposal either in writing or by electronic means, please make reference to the following proposal number in your communications NR 3537.
LETTER OF RESPONSIBILITY

Date: ____________________________
County Road Project No.: NR 3537

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:

NR 3537 – Rail to Trail

I have the following equipment available for this work:

__________________________________________________________

__________________________________________________________


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

Bank reference: __________________________________________

__________________________________________________________

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

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

Very truly yours,

__________________________________________________________
Contractor

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

In interpreting these specifications, the following definitions shall prevail:


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

BOARD: The Board of County Commissioners of Yakima County.

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

CONTRACTOR 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 NR 3537 – Rail to Trail 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: ________________, 2014

__________________________
Signature for

__________________________
Print or Type Name of Person Signing

__________________________
Title

Foregoing Contract approved and ratified
Signed: ________________, 2014

__________________________
Surety

__________________________
Attorney in fact

BOARD OF YAKIMA COUNTY COMMISSIONERS
Signed: ________________, 2014

__________________________
Kevin J. Bouchey, Chairman

__________________________
J. Rand Elliott, Commissioner

__________________________
Michael D. Leita, Commissioner

ATTEST: Clerk of the Board

__________________________
Tiera Girard

Approved as to form:

__________________________
Deputy Prosecuting Attorney

INFORMATIONAL BID DOCUMENTS
NR 3537
9
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 NR 3537 – Rail to Trail 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 ________________________, 2014.

PRINCIPAL

By: ____________________________

Title: ____________________________

SURETY

By: ____________________________

Attorney-in-Fact

Approved: YAKIMA COUNTY

Chair of the Board of
Yakima County Commissioners

Date: ________________________ 2014

Approved as to form:

Deputy Prosecuting Attorney

Name of Local Office of Agent

Address of Local Office Agent

BOND NUMBER

YAKIMA COUNTY CONTRACT NUMBER

INFORMATIONAL BID DOCUMENTS
NR 3537
10
AMENDMENTS TO THE
STANDARD SPECIFICATIONS
AMENDMENTS
TO THE STANDARD SPECIFICATIONS
NR 3537 - RAIL TO TRAIL
YAKIMA COUNTY WASHINGTON

INTRO.API

INTRODUCTION

The following Amendments and Special Provisions shall be used in conjunction with the 2014 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

1-01.API

Section 1-01, Definitions and Terms

August 4, 2014-01.3 Definitions
The definition for “Engineer” is revised to read:
The Contracting Agency’s representative who directly supervises the engineering and administration of a construction Contract.

The definition for “Inspector” is revised to read:
The Engineer’s representative who inspects Contract performance in detail.

The definition for “Project Engineer” is revised to read:
Same as Engineer.
The definition for “Working Drawings” is revised to read:

Drawings, plans, diagrams, or any other supplementary data or calculations, including a schedule of submittal dates for Working Drawings where specified, which the Contractor must submit to the Engineer.

1-02.AP1

Section 1-02, Bid Procedures and Conditions

April 7, 2014

1-02.8(1) Noncollusion Declaration

The third paragraph is revised to read:

Therefore, by including the Non-collusion Declaration as part of the signed bid Proposal, the Bidder is deemed to have certified and agreed to the requirements of the Declaration.

1-03.AP1

Section 1-03, Award and Execution of Contract

March 3, 2014

1-03.4 Contract Bond

The last word of item 3 is deleted.

Item 4 is renumbered to 5.

The following is inserted after item 3 (after the preceding Amendments are applied):

4. Be conditioned upon the payment of taxes, increases, and penalties incurred on the project under titles 50, 51, and 82 RCW; and

1-04.AP1

Section 1-04, Scope of the Work

August 4, 2014

1-04.4 Changes

In the third paragraph, item number 1 and 2 are revised to read:
a. When the character of the Work as altered differs materially in kind or nature from that involved or included in the original proposed construction; or

b. When an item of Work, as defined elsewhere in the Contract, is increased in excess of 125 percent or decreased below 75 percent of the original Contract quantity. For the purpose of this Section, an item of Work will be defined as any item that qualifies for adjustment under the provisions of Section 1-04.6.

The last two paragraphs are deleted.

This section is supplemented with the following new subsections:

1-04.4(2) Value Engineering Change Proposal (VECP)

1-04.4(2)A General
A VECP is a Contractor proposed change to the Contract Provisions which will accomplish the projects functional requirements in a manner that is equal to or better than the requirements in the Contract. The VECP may be: (1) at a less cost or time, or (2) either no cost savings or a minor increase in cost with a reduction in Contract time. The net savings or added costs to the Contract Work are shared by the Contractor and Contracting Agency.

The Contractor may submit a VECP for changing the Plans, Specifications, or other requirements of the Contract. The Engineer’s decision to accept or reject all or part of the proposal is final and not subject to arbitration under the arbitration clause or otherwise subject to litigation.

The VECP shall meet all of the following:

1. Not adversely affect the long term life cycle costs.
2. Not adversely impact the ability to perform maintenance.
3. Provide the required safety and appearance.
4. Provide substitution for deleted or reduced Disadvantaged Business Enterprise Condition of Award Work, Apprentice Utilization and Training.

VECPs that provide a time reduction shall meet the following requirements:

1. Time saving is a direct result of the VECP.
2. Liquidated damages penalties are not used to calculate savings.
3. Administrative/overhead cost savings experienced by either the Contractor or Contracting Agency as a result of time reduction accrue to each party and are not used to calculate savings.

1-04.4(2)B  VECP Savings

1-04.4(2)B1 Proposal Savings
The incentive payment to the Contractor shall be one-half of the net savings of the proposal calculated as follows:

1. \[(\text{gross cost of deleted work}) - (\text{gross cost of added work}) = (\text{gross savings})\]

2. \[(\text{gross savings}) - (\text{Contractor's engineering costs}) - (\text{Contracting Agency's costs}) = (\text{net savings})\]

3. \[(\text{net savings}) / 2 = (\text{incentive pay})\]

The Contracting Agency's costs shall be the actual consultant costs billed to the Contracting Agency and in-house costs. Costs for personnel assigned to the Engineer's office shall not be included.

1-04.4(2)B2 Added Costs to Achieve Time Savings
The cost to achieve the time savings shall be calculated as follows:

1. \[(\text{cost of added work}) + (\text{Contractor's engineering costs}) - (\text{Contracting Agency's engineering costs}) = (\text{cost to achieve time savings})\]

2. \[(\text{cost to achieve time savings}) / 2 = (\text{Contracting Agency's share of added cost})\]

If the timesaving proposal also involves deleting work and, as a result, creates a savings for the Contracting Agency, then the Contractor shall also receive one-half of the savings realized through the deletion.

1-04.4(2)C  VECP Approval

1-04.4(2)C1 Concept Approval
The Contractor shall submit a written proposal to the Engineer for consideration. The proposal shall contain the following information:

1. An explanation outlining the benefit provided by the change(s).

2. A narrative description of the proposed change(s). If applicable, the discussion shall include a demonstration of functional equivalency or a description of how the proposal meets the original contract scope of work.
3. A cost discussion estimating any net savings. Savings estimates will
generally follow the outline below under the section, “Proposal Savings”.

4. A statement providing the Contracting Agency with the right to use all or
any part of the proposal on future projects without future obligation or
compensation.

5. A statement acknowledging and agreeing that the Engineer’s decision to
accept or reject all or part of the proposal is final and not subject to
arbitration under the arbitration clause or otherwise be subject to claims or
disputes.

6. A statement giving the dates the Engineer must make a decision to accept
or reject the conceptual proposal, the date that approval to proceed must be
received, and the date the work must begin in order to not delay the
contract. If the Contracting Agency does not approve the VECP by the
date specified by the Contractor in their proposal the VECP will be
deemed rejected.

7. The submittal will include an analysis on other Work that may have costs
that changed as a result of the VECP. Traffic control and erosion control
shall both be included in addition to any other impacted Work.

After review of the proposal, the Engineer will respond in writing with acceptance
or rejection of the concept. This acceptance shall not be construed as authority to
proceed with any change contract work. Concept approval allows the Contractor
to proceed with the Work needed to develop final plans and other information to
receive formal approval and to support preparation of a change order.

104.4(2)C2 Formal Approval
The Contractor’s submittal to the Engineer for formal approval shall include the
following:

1. Deleted Work – Include the calculated quantities of unit price Work to be
deleted. Include the proposed partial prices for portions of lump sum
Work deleted. For deletion of force account items include the time and
material estimates.

2. Added Work – Include the calculated quantities of unit price Work to be
added, either by original unit Contract prices or by new, negotiated unit
prices. For new items of Work include the quantities and proposed prices.

3. Contractor’s Engineering Costs – Submit the labor costs for the
engineering to develop the proposal; costs for Contractor employees
utilized in contract operations on a regular basis shall not be included.
4. Schedule Analysis – If the VECP is related to time savings, the Contractor shall submit a partial progress schedule showing the changed Work. The submittal shall also include a discussion comparing the partial progress schedule with the approved progress schedule for the project.

5. Working Drawings – Type 3 Working Drawings shall be submitted; those drawings which require engineering shall be a Type 3E.

Formal approval of the proposal will be documented by issuance of a change order. The VECP change order will contain the following statements which the Contractor agrees to by signing the change order:

1. The Contractor accepts design risk of all features, both temporary and permanent, of the changed Work.

2. The Contractor accepts risk of constructability of the changed Work.

3. The Contractor provides the Contracting Agency with the right to use all or any part of the proposal on future projects without further obligation or compensation.

VECP change orders will contain separate pay items for the items that are applicable to the Proposal. These are as follows:

1. Deleted Work.

2. Added Work.

3. The Contractor's engineering costs, reimbursed at 100 percent of the Contractor's cost.

4. Incentive payment to the Contractor.

When added Work costs exceed Deleted Work costs, but time savings make a viable proposal, then items 3 and 4 above are replaced with the following:

3. The Contracting Agency's share of added cost to achieve time savings.

4. The Contractor's share of savings from deleted Work.

1-04.4(2)C3 Authority to Proceed with Changed Work
The authority for the Contractor to proceed with the VECP Work will be provided by one of the following options:

1. Execution of the VECP change order, or
2. At the Contractor’s request the Contracting Agency may provide approval
by letter from the Engineer for the Work to proceed prior to execution of a
change order. All of the risk for proceeding with the VECP shall be the
responsibility of the Contractor. Additionally, the following criteria are
required to have been met:

a) Concept approval has been granted by the Contracting Agency.

b) All design reviews and approvals have been completed, including
   plans and specifications.

c) The Contractor has guaranteed, in writing, the minimum savings to
   the Contracting Agency.

1-05-API

Section 1-05, Control of Work

August 4, 2014

1-05.1 Authority of the Engineer

In this section, “Project Engineer” is revised to read “Engineer”.

The second paragraph (up until the colon) is revised to read:

The Engineer’s decisions will be final on all questions including the following:

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

The Engineer represents the Contracting Agency with full authority to enforce Contract
requirements.

1-05.2 Authority of Assistants and Inspectors

The first paragraph is revised to read:

The Engineer may appoint assistants and Inspectors to assist in determining that the Work
and materials meet the Contract requirements. Assistants and Inspectors have the authority
to reject defective material and suspend Work that is being done improperly, subject to the
final decisions of the Engineer.

In the third paragraph, “Project Engineer” is revised to read “Engineer”.

1-05.3 Plans and Working Drawings

This section’s title is revised to read:
Working Drawings

This section is revised to read:

The Contract may require the Contractor to submit Working Drawings for the performance of the Work. Working Drawings shall be submitted by the Contractor electronically to the Engineer in PDF format; drawing details shall be prepared in accordance with conventional detailing practices. If the PDF format is found to be unacceptable, at the request of the Engineer, the Contractor shall provide paper copies of the Working Drawings with drawings on 11 by 17 inch sheets and calculations/text on 8½ by 11 inch sheets.

Working Drawings will be classified under the following categories:

1. **Type 1** – Submitted for Contracting Agency information. Submittal must be received by the Contracting Agency a minimum of 7 calendar days before work represented by the submittal begins.

2. **Type 2** – Submitted for Contracting Agency review and comment. Unless otherwise stated in the Contract, the Engineer will require up to 20 calendar days from the date the Working Drawing is received until it is returned to the Contractor. The Contractor shall not proceed with the Work represented by the Working Drawing until comments from the Engineer have been addressed.

3. **Type 2E** – Same as a Type 2 Working Drawing with Engineering as described below.

4. **Type 3** – Submitted for Contracting Agency review and approval. Unless otherwise stated in the Contract, the Engineer will require up to 30 calendar days from the date the Working Drawing is received until it is returned to the Contractor. The Contractor shall obtain the Engineer’s written approval before proceeding with the Work represented by the Working Drawing.

5. **Type 3E** – Same as a Type 3 Working Drawing with Engineering as described below.

All Working Drawings shall be considered Type 3 Working Drawings except as specifically noted otherwise in the Contract. Unless designated otherwise by the Contractor, submittals of Working Drawings will be reviewed in the order they are received by the Engineer. In the event that several Working Drawings are received simultaneously, the Contractor shall specify the sequence in which they are to be reviewed. If the Contractor does not submit a review sequence for simultaneous Working Drawing submittals, the review sequence will be at the Engineer’s discretion.

Working Drawings requiring Engineering, Type 2E and 3E, shall be prepared by (or under the direction of) a Professional Engineer, licensed under Title 18 RCW, State of Washington, and in accordance with WAC 196-23-020. Design calculations shall carry the Professional
Engineer’s signature and seal, date of signature, and registration number on the cover page.
The cover page shall also include the Contract number, Contract title and sequential index to
calculation page numbers.

If more than the specified number of days is required for the Engineer’s review of any
individual Working Drawing or resubmittal, an extension of time will be considered in
accordance with Section 1-08.8.

Review or approval of Working Drawings shall neither confer upon the Contracting Agency
nor relieve the Contractor of any responsibility for the accuracy of the drawings or their
conformity with the Contract. The Contractor shall bear all risk and all costs of any Work
delays caused by rejection or nonapproval of Working Drawings.

Unit Bid prices shall cover all costs of Working Drawings.

1-07.API

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

January 6, 2014

1-07.2 State Taxes

This section is revised to read:

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 Contracting
Agency will not adjust its payment if the Contractor bases a Bid on a misunderstood tax
liability.

The Contracting Agency may deduct from its payments to the Contractor, retainage or lien
the bond, in the amount the Contractor owes the State Department of Revenue, whether the
amount owed relates to the Contract in question or not. Any amount so deducted will be paid
into the proper State fund on the contractor’s behalf. For additional information on tax rates
and application refer to applicable RCWs, WACs or the Department of Revenue’s website.

1-07.2(1) State Sales Tax: Work Performed on City, County, or Federally-Owned Land

This section including title is revised to read:

1-07.2(1) State Sales Tax: WAC 458-20-171 – Use Tax

For Work designated as Rule 171, Use Tax, the Contractor shall include for compensation
the amount of any taxes paid in the various unit Bid prices or other Contract amounts.
Typically, these taxes are collected on materials incorporated into the project and items such
as the purchase or rental of; tools, machinery, equipment, or consumable supplies not
integrated into the project.
The Summary of Quantities in the Contract Plans identifies those parts of the project that are subject to Use Tax under Section 1-07.2(1).

1-07.2(2) State Sales Tax: Work on State-Owned or Private Land
This section including title is revised to read:

1-07.2(2) State Sales Tax: WAC 458-20-170 – Retail Sales Tax
For Work designated as Rule 170, Retail Sales Tax, the Contractor shall collect from the Contracting Agency, Retail Sales Tax on the full Contract price. The Contracting Agency will automatically add this Retail Sales Tax to each payment to the Contractor and for this reason; the Contractor shall not include the Retail Sales Tax in the unit Bid prices or in any other Contract amount. However, the Contracting Agency will not provide additional compensation to the Prime Contractor or Subcontractor for Retail Sales Taxes paid by the Contractor in addition to the Retail Sales Tax on the total contract amount. Typically, these taxes are collected on items such as 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 prices or in any other Contract amounts.

The Summary of Quantities in the Contract Plans identifies those parts of the project that are subject to Retail Sales Tax under Section 1-07.2(2).

1-07.2(3) Services
This section is revised to read:

Any contract wholly for professional or other applicable services is generally not subject to Retail Sales Tax and therefore the Contractor shall not collect Retail Sales Tax from the Contracting Agency on those Contracts. Any incidental taxes paid as part of providing the services shall be included in the payments under the contract.

1-08.AP1

Section 1-08, Prosecution and Progress

May 5, 2014

1-08.1 Subcontracting
The eighth paragraph is revised to read:

On all projects, the Contractor shall certify to the actual amounts paid to Disadvantaged, Minority, Women’s, or Small Business Enterprise firms that were used as Subcontractors, lower tier subcontractors, manufacturers, regular dealers, or service providers on the Contract. This Certification shall be submitted to the Project Engineer on a monthly basis each month between Execution of the Contract and Physical Completion of the contract using the application available at: https://remoteapps.wsdot.wa.gov/mapsdata/tools/dbeparticipation. The monthly report is due 20 calendar days following the end of the month. A monthly report shall be submitted for
every month between Execution of the Contract and Physical Completion regardless of whether payments were made or work occurred.

The ninth paragraph is deleted.

1-010.API

Section 1-10, Temporary Traffic Control

August 4, 2014

1-10.1(1) Materials

The following material reference is deleted from this section:

Barrier Drums 9-35.8

1-10.1(2) Description

The first paragraph is revised to read:

The Contractor shall provide flaggers, and all other personnel required for labor for traffic control activities and not otherwise specified as being furnished by the Contracting Agency.

1-10.2(1) General

In the third paragraph, the first two sentences are revised to read:

The primary and alternate TCS shall be certified by one of the organizations listed in the Special Provisions. Possession of a current Washington State TCS card and flagging card by the primary and alternate TCS is mandatory.

1-10.2(1)B Traffic Control Supervisor

The first paragraph is revised to read:

A Traffic Control Supervisor (TCS) shall be present on the project whenever flagging or other traffic control labor is being utilized or less frequently, as authorized by the Engineer.

The last paragraph is revised to read:

The TCS may perform the Work described in Section 1-10.3(1)A Flaggers or in Section 1-10.3(1)B Other Traffic Control Labor and be compensated under those Bid items, provided that the duties of the TCS are accomplished.

1-10.2(2) Traffic Control Plans

The first paragraph is revised to read:

The traffic control plan or plans appearing in the Contract documents show a method of handling vehicle, bicycle, and pedestrian traffic. All construction signs, flaggers, and other
traffic control devices are shown on the traffic control plan(s) except for emergency situations. If the Contractor proposes adding the use of flaggers to a plan, this will constitute a modification requiring approval by the Engineer. The modified plans shall show locations for all the required advance warning signs and a safe, protected location for the flagging station. If flagging is to be performed during hours of darkness, the plan shall include appropriate illumination for the flagging station.

In the second paragraph, the second sentence is revised to read:

Any Contractor-proposed modification, supplement or replacement shall show the necessary construction signs, flaggers, and other traffic control devices required to support the Work.

1-10.2(3) Conformance to Established Standards
In the second paragraph, the second sentence is revised to read:

The National Cooperative Highway Research Project (NCHRP) Report 350 and the AASHTO Manual for Assessing Safety Hardware (MASH) have established requirements for crash testing.

In the third paragraph, “NCHRP 350” is revised to read “NCHRP 350 or MASH”.

In the fourth paragraph, “NCHRP 350” is revised to read “NCHRP 350 or MASH”.

In the fifth paragraph, “NCHRP 350” is revised to read “NCHRP 350 or MASH”.

1-10.3(1) Traffic Control Labor
The first paragraph is revised to read:

The Contractor shall furnish all personnel for flagging, for the execution of all procedures related to temporary traffic control and for 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.

1-10.3(1)A Flaggers and Spotters
This section’s title is revised to read:

Flaggers

The first paragraph is revised to read:

Flaggers shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. The flagging card shall be immediately available and shown to the Contracting Agency upon request.

The last paragraph is deleted.
1-10.3(1)B Other Traffic Control Labor
This section is revised to read:

In addition to flagging duties, the Contractor shall provide personnel for all other traffic control procedures required by the construction operations and for the labor to install, maintain and remove any traffic control devices shown on Traffic Control Plans.

1-10.3(3)B Sequential Arrow Signs
This section is supplemented with the following:

A sequential arrow sign is required for all lane closure tapers on a multilane facility. A separate sequential arrow sign shall be used for each closed lane. The arrow sign shall not be used to laterally shift traffic. When used in the caution mode, the four corner mode shall be used.

1-10.3(3)C Portable Changeable Message Signs
This section is revised to read:

Where shown on an approved traffic control plan or where ordered by the Engineer, the Contractor shall provide, operate, and maintain portable changeable message signs (PCMS). A PCMS shall be placed behind a barrier or guardrail whenever possible, but shall at a minimum provide 4 ft. of lateral clearance to edge of travelled lane and be delineated by channelization devices. The Contractor shall remove the PCMS from the clear zone when not in use unless protected by barrier or guardrail.

1-10.3(3)F Barrier Drums
This section including title is deleted in its entirety and replaced with the following:

1-10.3(3)F Vacant

1-10.3(3)K Portable Temporary Traffic Control Signal
The fifth paragraph is revised to read:

The Project Engineer or designee will inspect the signal system at initial installation/operation and approve the signal timing. Final approval will be based on the results of the operational inspection.

1-10.4(2) Item Bids With Lump Sum for Incidentals
In the second paragraph, the first and second sentences are revised to read:

"Flaggers" will be measured by the hour. Hours will be measured for each flagging station, shown on an approved Traffic Control Plan, when that station is staffed in accordance with Section 1-10.3(1)A.

The first sentence of the last bulleted item in this section is revised to read:
Installing and removing Barricades, Traffic Safety Drums, Cones, Tubular Markers and Warning Lights and Flashers to carry out approved Traffic Control Plan(s).

1-10.5(2) Item Bids With Lump Sum for Incidentals
This section is deleted and replaced with the following:

“Traffic Control Supervisor”, lump sum.

The lump sum Contract payment shall be full compensation for all costs incurred by the Contractor in performing the Work defined in Section 1-10.2(1)B.

“Pedestrian Traffic Control”, lump sum.

The lump sum Contract payment shall be full compensation for all costs incurred by the Contractor in performing the Work for pedestrian traffic control defined in Section 1-10.

“Flaggers”, per hour.

The unit Contract price, when applied to the number of units measured for this item in accordance with Section 1-10.4(2), shall be full compensation for all costs incurred by the Contractor in performing the Work defined in Section 1-10.3(1)A.

“Other Traffic Control Labor”, per hour.

The unit Contract price, when applied to the number of units measured for this item in accordance with Section 1-10.4(2), shall be full compensation for all labor costs incurred by the Contractor in performing the Work specified for this item in Section 1-10.4(2).

“Construction Signs Class A”, per square foot.

The unit Contract price, when applied to the number of units measured for this item in accordance with Section 1-10.4(2), shall be full compensation for all costs incurred by the Contractor in performing the Work described in Section 1-10.3(3)A. In the event that “Do Not Pass” and “Pass With Care” signs must be left in place, a change order, as described in Section 1-04.4, will be required. When the Bid Proposal contains the item “Sign Covering”, then covering those signs indicated in the Contract will be measured and paid according to Section 8-21.

“Sequential Arrow Sign”, per hour.

The unit Contract price, when applied to the number of units measured for this item in accordance with Section 1-10.4(2), shall be full compensation for all costs incurred by the Contractor in performing the Work described in Section 1-10.3(3)B.

“Portable Changeable Message Sign”, per hour.
The unit Contract price, when applied to the number of units measured for this item in accordance with Section 1-10.4(2), shall be full compensation for all costs incurred by the Contractor in performing the Work for procuring all portable changeable message signs required for the project and for transporting these signs to and from the project.

“Transportable Attenuator”, per each.

The unit Contract price, when applied to the number of units measured for this item in accordance with Section 1-10.4(2), shall be full compensation for all costs incurred by the Contractor in performing the Work described in Section 1-10.3(3)F except for costs compensated separately under the items “Operation of Transportable Attenuator” and “Repair Transportable Attenuator”.

“Operation of Transportable Attenuator”, per hour.

The unit Contract price, when applied to the number of units measured for this item in accordance with Section 1-10.4(2), shall be full compensation for all costs incurred by the Contractor in performing the Work for operating transportable attenuators on the project.

“Repair Transportable Attenuator”, by force account.

All costs of repairing or replacing transportable attenuators that are damaged by the motoring public while in use as shown on an approved Traffic Control Plan will be paid for by force account as specified in Section 1-09.6. To provide a common Proposal for all Bidders, the Contracting Agency has estimated the amount of force account for “Repair Transportable Attenuator” and has entered the amount in the Proposal to become a part of the total Bid by the Contractor. Transportable attenuators damaged due to the Contractor’s operation or damaged in any manner when not in use shall be repaired or replaced by the Contractor at no expense to the Contracting Agency.

“Other Temporary Traffic Control”, lump sum.

The lump sum Contract payment shall be full compensation for all costs incurred by the Contractor in performing the Work defined in Section 1-10, and which costs are not compensated by one of the above-listed items.

“Portable Temporary Traffic Control Signal”, lump sum.

The lump sum Contract payment shall be full compensation for all costs incurred by the Contractor in performing the Work as described in Section 1-10.3(3)K, including all costs for traffic control during manual control, adjustment, malfunction, or failure of the portable traffic control signals and during replacement of failed or malfunctioning signals.
Section 2-01, Clearing, Grubbing, and Roadside Cleanup

August 4, 2014

2-01.3(1) Clearing
In the second paragraph, item number 3 (up until the colon) is revised to read:

3. Follow these requirements for all stumps that will be buried deeper than 5 feet from the
top, side, or end surface of the embankment or any structure and are in a location that
will not be terraced as described in Section 2-03.3(14):

2-03.AP2

Section 2-03, Roadway Excavation and Embankment

August 4, 2014

2-03.3(14) Embankment Construction
The third paragraph is revised to read:

Hillside Terraces – The Contractor shall terrace the original ground or embankment when
the slope of the surface is 2H:1V or steeper unless otherwise directed by the Engineer. The
face of each terrace shall be a minimum of 1 foot and a maximum of 5 feet in height and
shall be vertical or near vertical as required to remain stable during material placement and
compaction. The bench of the terrace shall slope outward to drain and shall not be inclined
steeper than 0.05 foot per foot. Terraces damaged during work shall be reestablished. The
Engineer may order the Contractor to place gravel backfill, pipe drains or both to drain any
seepage.

2-03.3(14)L Embankment Widening for Guardrail
The first sentence is revised to read:

Embankments widened for the installation of beam guardrail shall be terraced in accordance
with the requirements for hillside terraces in Section 2-03.3(14).

The second sentence is deleted.

3-04.AP3

Section 3-04, Acceptance of Aggregate

August 4, 2014

3-04.5 Payment
In Table 2, the row containing the item “HMA Aggregate” is revised to read:
DIVISION 5
SURFACE TREATMENTS AND PAVEMENTS

5-04.AP5

Section 5-04, Hot Mix Asphalt

August 4, 2014

5-04.3(7)A3 Commercial Evaluation

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

Mix designs for HMA accepted by commercial evaluation shall be submitted to the Project Engineer on WSDOT Form 350-042.

5-04.3(10)A General

In the first paragraph, "checking" and "cracking" are deleted.

In the third paragraph, the following new sentence is inserted after the second sentence:

Coverage with a steel wheel roller may precede pneumatic tired rolling.

In the third paragraph, the following new sentence is inserted before the last sentence:

Regardless of mix temperature, a roller shall not be operated in a mode that results in checking or cracking of the mat.

5-04.3(10)B1 General

In this section, "Project Engineer" is revised to read "Engineer".

The first paragraph is revised to read:

HMA mixture accepted by statistical or nonstatistical evaluation that is used in traffic lanes, including lanes for ramps, truck climbing, weaving, and speed change, and having a specified compacted course thickness greater than 0.10-foot, shall be compacted to a specified level of relative density. The specified level of relative density shall be a Composite Pay Factor (CPF) of not less than 0.75 when evaluated in accordance with Section 1-06.2, using a minimum of 91 percent of the maximum density. The percent of maximum density shall be determined by WSDOT FOP for AASHTO T 729 when using the nuclear density gauge and WSDOT SOP 736 when using cores to determine density. The
specified level of density attained will be determined by the statistical evaluation of the density of the pavement.

The following four new paragraphs are inserted after the first paragraph:

Tests for the determination of the pavement density will be taken in accordance the required procedures for measurement by a nuclear density gauge or roadway cores after completion of the finish rolling.

If the Contracting Agency uses a nuclear density gauge to determine density the test procedures FOP for WAQTC TM 8 and WSDOT SOP T 729 will be used on the day the mix is placed.

Roadway cores for density may be obtained by either the Contracting Agency or the Contractor in accordance with WSDOT SOP 734. The core diameter shall be 4-inches unless other approved by the Engineer. Roadway cores will be tested by the Contracting Agency in accordance with WSDOT FOP for AASHTO T 166.

If the Contract includes the Bid item “Roadway Core” the cores shall be obtained by the Contractor in the presence of the Engineer on the same day the mix is placed and at locations designated by the Engineer. If the Contract does not include the Bid item “Roadway Core” the Contracting Agency will obtain the cores.

5-04.3(10)B4 Test Results

The first paragraph is revised to read:

The results of all compaction acceptance testing and the CPF of the lot after three sublots have been tested will be available to the Contractor through WSDOT’s website. Determination of the relative density of the HMA with a nuclear density gauge requires a correlation factor and may require resolution after the correlation factor is known. Acceptance of HMA compaction will be based on the statistical evaluation and CPF so determined.

In the second paragraph, the first sentence is revised to read:

For a subplot that has been tested with a nuclear density gauge that did not meet the minimum of 91 percent of the reference maximum density in a compaction lot with a CPF below 1.00 and thus subject to a price reduction or rejection, the Contractor may request that a core be used for determination of the relative density of the subplot.

In the second sentence of the second paragraph, “moisture-density” is revised to read “density”.

In the second paragraph, the fourth sentence is deleted.

5-04.4 Measurement

The following new paragraph is inserted after the first paragraph:
Roadway cores will be measured per each for the number of cores taken.

The second to last paragraph is deleted.

5-04.5 Payment
The bid item “Removing Temporary Pavement Marking”, per linear foot and paragraph following bid item are deleted.

The following new bid item is inserted before the second to last paragraph:

“Roadway Core”, per each.

The Contractor’s costs for all other Work associated with the coring (e.g., traffic control) shall be incidental and included within the unit Bid price per each and no additional payments will be made.

6-02.AP6

Section 6-02, Concrete Structures

August 4, 2014

6-02.3(1) Classification of Structural Concrete
In paragraph two, item number 1 is revised to read:

Mix design and proportioning specified in Sections 6-02.3(2), 6-02.3(2)A and 6-02.3(2)A1.

Item number 3 is renumbered to 4.

After the preceding Amendments are applied, the following new numbered item is inserted after item number 2:

3. Temperature and time for placement requirements specified in Section 6-02.3(4)D.

6-02.3(2) Proportioning Materials
In the third paragraph, the first sentence is revised to read:

The use of fly ash is required for Class 4000P concrete, except that ground granulated blast furnace slag may be substituted for fly ash at a 1:1 ratio.

In the table titled “Cementitious Requirement for Concrete”, the row beginning with “4000D” is deleted.

The fourth paragraph 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 cementitious material for concrete class 4000A, and 50 percent by weight of the total cementitious material for all other classes of concrete.

6-02.3(2)A Contractor Mix Design

The first paragraph is revised to read:

The Contractor shall provide a mix design in writing to the Engineer for all classes of concrete specified in the Plans except for lean concrete and commercial concrete. No concrete shall be placed until the Engineer has reviewed the mix design. The required average 28-day compressive strength shall be selected in accordance with ACI 318, Chapter 5, Section 5.3.2. ACI 211.1 and ACI 318 shall be used to determine proportions. All proposed concrete mixes except Class 4000D shall meet the requirements in Cementitious Requirement for Concrete in Section 6-02.3(2).

In the fourth paragraph, the fourth sentence is deleted.

In the sixth paragraph, the first sentence is deleted.

In the seventh paragraph, the last sentence is deleted.

The eighth paragraph is revised to read:

Air content for concrete Class 4000D shall conform to Section 6-02.3(2)A1. For all other concrete, air content shall be a minimum of 4.5 percent and a maximum of 7.5 percent for all concrete placed above the finished ground line.

The following new sub-section is added:

6-02.3(2)A1 Contractor Mix Design for Concrete Class 4000D

All Class 4000D concrete shall be a project specific performance mix design conforming to the following requirements:

1. Aggregate shall use combined gradation in accordance with Section 9-03.1(5) with a nominal maximum aggregate size of 1-1/2 inches.

2. Permeability shall be less than 2,000 coulombs at 56 days in accordance with AASHTO T 277.

3. Freeze-thaw durability shall be provided by one of the following methods:
   a. The concrete shall maintain an air content between 4.5 and 7.5 percent.
   b. The concrete shall maintain a minimum air content that achieves a durability factor of 90 percent, minimum, after 300 cycles in accordance with AASHTO T 161, Procedure A. This air content shall not be less than 3.0 percent. Test
samples shall be obtained from concrete batches of a minimum of 3.0 cubic yards.

4. Scaling shall have a visual rating less than or equal to 2 after 50 cycles in accordance with ASTM C 672.

5. Shrinkage at 28 days shall be less than 320 micro strain in accordance with AASHTO T 160.

6. Modulus of elasticity shall be measured in accordance with ASTM C 469.

7. Density shall be measured in accordance with ASTM C 138.

The Contractor shall submit the mix design in accordance with Section 6-02.3(2)A. The submittal shall include test reports for all tests listed above that follow the reporting requirements of the AASHTO/ASTM procedures. Samples for testing may be obtained from either laboratory or concrete plant batches. If concrete plant batches are used, the minimum batch size shall be 3.0 cubic yards. The Contractor shall submit the mix design to the Engineer at least 30 calendar days prior to the placement of concrete in the bridge deck.

6-02.3(4)D Temperature and Time For Placement
The first two sentences are revised to read:

Concrete temperatures shall remain between 55°F and 90°F while it is being placed, except that Class 4000D concrete temperatures shall remain between 55°F and 75°F during placement. Precast concrete that is heat cured in accordance with Section 6-02.3(25)D shall remain between 50°F and 90°F while being placed.

6-02.3(5)A General
The first paragraph is revised to read:

Concrete for the following applications will be accepted based on a Certificate of Compliance to be provided by the supplier as described in Section 6-02.3(5)B:

1. Lean concrete.

2. Commercial concrete.

3. Class 4000P concrete for Roadside Steel Sign Support Foundations.

4. Class 4000P concrete for Type II, III, and CCTV Signal Standard Foundations that are 12'-0" or less in depth.

5. Class 4000P concrete for Type IV and V Strain Pole Foundations that are 12'-0" or less in depth.
6. Class 4000P concrete for Steel Light Standard Foundations Types A & B.

The following new sentence is inserted at the beginning of the second paragraph:

Slip-form barrier concrete will be accepted based on conformance to the requirements for temperature, air content and compressive strength at 28 days for sublots as tested and determined by the Contracting Agency.

6-02.3(5)H Sampling and Testing for Compressive Strength and Initial Curing
The second paragraph is revised to read:

The Contractor shall provide and maintain a sufficient number of cure boxes in accordance with WSDOT FOP for AASHTO T 23 for curing concrete cylinders. The cure boxes shall be readily accessible and no more than 500 feet from the point of acceptance testing, unless otherwise approved by the Engineer. The Contractor shall also provide, maintain and operate all necessary power sources and connections needed to operate the cure boxes. The cure boxes shall be in-place and functioning at the specified temperature for curing cylinders prior to concrete placement. Concrete cylinders shall be cured in the cure boxes in accordance with WSDOT FOP for AASHTO T 23. The cure boxes shall have working locks and the Contractor shall provide the Engineer with one key to each of the locks. Once concrete cylinders are placed in the cure box, the cure box shall not be disturbed until the cylinders have been removed. The Contractor shall retain the cure box Temperature Measuring Device log and provide it to the Engineer upon request.

The following new paragraph is inserted after the last paragraph:

All cure box costs shall be incidental to the associated item of work.

6-02.3(6)A2 Cold Weather Protection
The first sentence in the first paragraph is revised to read:

This Specification applies when the weather forecast on the day of concrete placement predicts air temperatures below 35°F at any time during the 7 days following placement.

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

The temperature of the concrete shall be maintained above 50°F during the entire curing period or 7 days, whichever is greater.

6-02.3(10)D Concrete Placement, Finishing, and Texturing
This section is supplemented with the following new sub-sections:

6-02.3(10)D1 Test Slab Using Bridge Deck Concrete
After the Contractor receives the Engineer’s approval for the Class 4000D concrete mix design, and a minimum of seven calendar days prior to the first placement of bridge deck
concrete, the Contractor shall construct a test slab using concrete of the approved mix
design.

The test slab may be constructed on grade, shall have a minimum thickness of eight-inches,
shall have minimum plan dimensions of 10-feet along all four edges, and shall be square or
rectangular.

During construction of the test slab, the Contractor shall demonstrate concrete sampling and
testing, use of the concrete temperature monitoring system, the concrete fogging system,
concrete placement system, and the concrete finishing operation. The Contractor shall
conduct the demonstration using the same type of equipment to be used for the production
bridge decks, except that the Contractor may elect to finish the test slab with a hand-
operated strike-board.

After the construction of the test slab and the demonstration of bridge deck construction
operations is complete, the Contractor shall remove and dispose of the test slab in
accordance with Sections 2-02.3 and 2-03.3(7)C.

6-02.3(10)D2 Preparation for Concrete Placement
Before placing bridge approach slab concrete, the subgrade shall be constructed in
accordance with Sections 2-06 and 5-05.3(6).

Before any concrete is placed, the finishing machine shall be operated over the entire length
of the deck/slab to check screed deflection. Concrete placement may begin only if the
Engineer approves after this test.

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

6-02.3(10)D3 Concrete Placement
The placement operation shall cover the full width of the bridge deck or the full width
between construction joints. The Contractor shall locate any construction joint over a beam
or web that can support the deck/slab on either side of the joint. The joint shall not occur
over a pier unless the Plans permit. Each joint shall be formed vertically and in true
alignment. The Contractor shall not release falsework or wedges supporting bridge deck
placement sections on either side of a joint until each side has aged as these Specifications
require.

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

1. Place it (without segregation) against concrete placed earlier, as near as possible to
its final position, approximately to grade, and in shallow, closely spaced piles;
2. Consolidate it around reinforcing steel by using vibrators before strike-off by the finishing machine;

3. Not use vibrators to move concrete;

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

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

6. Maintain a slight excess of concrete in front of the screed across the entire width of the placement operation;

7. Operate the finishing machine to create a surface that is true and ready for final finish without overfinishing or bringing excessive amounts of mortar to the surface; and

8. Leave a thin, even film of mortar on the concrete surface after the last pass of the finishing machine pan.

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

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

If the surface left by the finishing machine is porous, rough, or has minor irregularities, the Contractor shall float the surface of the concrete. Floating shall leave a smooth and even surface. Float finishing shall be kept to the minimum number of passes necessary to seal the surface. The floats shall be at least 4-feet long. Each transverse pass of the float shall overlap the previous pass by at least half the length of the float. The first floating shall be at right angles to the strike-off. The second floating shall be at right angles to the centerline of the span. A smooth riding surface shall be maintained across construction joints.

The edge of completed roadway slabs at expansion joints and compression seals shall have a 3/8-inch radius.

After floating, but while the concrete remains plastic, the Contractor shall test the entire deck/slab for flatness (allowing for crown, camber, and vertical curvature). The testing shall be done with a 10-foot straightedge held on the surface. The straightedge shall be advanced in successive positions parallel to the centerline, moving not more than one half the length of the straightedge each time it advances. This procedure shall be repeated with the straightedge held perpendicular to the centerline. An acceptable surface shall be one free from deviations of more than 1/8-inch under the 10-foot straightedge.
If the test reveals depressions, the Contractor shall fill them with freshly mixed concrete, strike off, consolidate, and refinish them. High areas shall be cut down and refinished. Retesting and refnishing shall continue until a surface conforming to the requirements specified above is produced.

6-02.3(10)D4 Monitoring Bridge Deck Concrete Temperature After Placement
The Contractor shall monitor and record the concrete temperature and ambient temperature hourly for seven calendar days after placement. The Contractor shall monitor and record concrete temperature by placing two maturity meter temperature monitoring devices in the bridge deck at locations specified by the Engineer. The Contractor shall monitor ambient temperature using maturity meters near the locations where concrete temperature is being monitored. When the bridge deck is being enclosed and heated to meet cold weather requirements, ambient temperature readings shall be taken within the enclosure. The Contractor shall submit the concrete temperature and ambient temperature data to the Engineer in spreadsheet format within 14 calendar days from placing the bridge deck concrete.

The Contractor shall submit the type and model of maturity meter temperature monitoring device, and the associated devices responsible for recording and documenting the temperature and curing time, to the Engineer at least 14 calendar days prior to the pre-concreting conference for the first bridge deck to be cast. The placement and operation of the temperature monitoring devices and associated devices will be an agenda item at the pre-concreting conference for the first bridge deck to be cast.

6-02.3(10)D5 Bridge Deck Concrete Finishing and Texturing
Except as otherwise specified for portions of bridge decks receiving an overlay or sidewalk under the same Contract, the Contractor shall texture the surface of the bridge deck as follows:

The Contractor shall texture the bridge deck using diamond tipped saw blades mounted on a power driven, self-propelled machine that is designed to texture concrete surfaces. The grooving equipment shall provide grooves that are 1/8" ± 1/64" wide, 3/16" ± 1/16" deep, and spaced at 3/4" ± 1/8". The bridge deck shall not be textured with a metal tined comb.

The Contractor shall submit the type of grooving equipment to be used to the Engineer for approval 30 calendar days prior to performing the work. The Contractor shall demonstrate that the method and equipment for texturing the bridge deck will not chip, spall or otherwise damage the deck. The Contractor shall not begin texturing the bridge deck until receiving the Engineer’s approval of the Contractor’s method and equipment.

Unless otherwise approved by the Engineer, the Contractor shall texture the concrete bridge deck surface either in a longitudinal direction, parallel with centerline or in a transverse direction, perpendicular with centerline. The Contractor shall texture the bridge deck surface to within 3-inches minimum and 15-inches maximum of the edge of concrete at expansion joints, within 1-foot minimum and 2-feet maximum of the curb.
line, and within 3-inches minimum and 9-inches maximum of the perimeter of bridge
drain assemblies.

The Contractor shall contain and collect all concrete dust and debris generated by the
bridge deck texturing process, and shall dispose of the collected concrete dust and
debris in accordance with Section 2-03.3(7)C.

If the Plans call for placement of a sidewalk or an HMA or concrete overlay on the bridge
deck, the Contractor shall produce the final finish of these areas by dragging a strip of damp,
seamless burlap lengthwise over the bridge deck or by brooming it lightly. Approximately 3-
feet of the drag shall contact the surface, with the least possible bow in its leading edge. It
shall be kept wet and free of hardened lumps of concrete. When the burlap drag fails to
produce the required finish, the Contractor shall replace it. When not in use, it shall be lifted
clear of the bridge deck.

After the bridge deck has cured, the surface shall conform to the surface smoothness
requirements specified in Section 6-02.3(10)D3.

The surface texture on any area repaired to address out-of-tolerance surface smoothness
shall match closely that of the surrounding bridge deck area at the completion of the repair.
Methods used to remove high spots shall cut through the mortar and aggregate without
breaking or dislodging the aggregate or causing spalls.

**6-02.3(10)D6 Bridge Approach Slab Finishing and Texturing**

Bridge approach slabs shall be textured either in accordance with Section 6-02.3(10)D5, or
using metal tined combs in the transverse direction, except bridge approach slabs receiving
an overlay in the same Contract shall be finished as specified in Section 6-02.3(10)D5 only.

The comb shall be made of a single row of metal tines. It shall leave striations in the fresh
concrete approximately 3/16-inch deep by 1/8-inch wide and spaced approximately 1/2-inch
apart. The Engineer will decide actual depths at the site. If the comb has not been approved,
the Contractor shall obtain the Engineer’s approval by demonstrating it on a test section.
The Contractor may operate the combs manually or mechanically, either singly or with
several placed end to end. The timing and method used shall produce the required texture
without displacing larger particles of aggregate.

Texturing shall end 2-feet from curb lines. This 2-foot untextured strip shall be hand
finished with a steel trowel.

Surface smoothness, high spots, and low spots shall be addressed as specified in Section 6-
02.3(10)D5. The surface texture on any area cut down or built up shall match closely that of
the surrounding bridge approach slab area. The entire bridge approach slab shall provide a
smooth riding surface.

**6-02.3(11) Curing Concrete**

Items number 1 through 4 are deleted and replaced with the following 5 new numbered items:
1. Bridge sidewalks, roofs of cut and cover tunnels — curing compound covered by white, reflective type sheeting or continuous wet curing. Curing by either method shall be for at least 10 days.

2. Bridge decks — See Section 6-02.3(11)B.

3. Bridge approach slabs (Class 4000A concrete) - 2 coats of curing compound and continuous wet cure for at least 10-days.

4. Concrete barriers and rail bases — See Section 6-02.3(11)A.

5. All other concrete surfaces — continuous wet cure for at least three days.

In the second paragraph, the first sentence is replaced with the following three new sentences:

During the continuous wet cure, the Contractor shall keep all exposed concrete surfaces saturated with water. Formed concrete surfaces shall be kept in a continuous wet cure by leaving the forms in place. If forms are removed during the continuous wet cure period, the Contractor shall treat the concrete as an exposed concrete surface.

The third paragraph is revised to read:

When curing Class 4000A, two coats of curing compound that complies with Section 9-23.2 shall be applied immediately (not to exceed 15 min.) after tining any portion of the bridge approach slab. The continuous wet cure shall be established as soon as the concrete has set enough to allow covering without damaging the finish.

In the fifth paragraph, the first sentence is revised to read:

If the Plans call for an asphalt overlay on the bridge approach slab, the Contractor shall use the clear curing compound (Type 1, Class B), applying at least 1 gallon per 150 square feet to the concrete surface.

The eighth paragraph is deleted.

6-02.3(11)B Curing Bridge Decks

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

6-02.3(11)B1 Equipment

The Contractor shall maintain a wet sheen, without developing pooling or sheeting water, using a fogging apparatus consisting of pressure washers with a minimum nozzle output of 1,500 psi, or other means approved by the Engineer.

The Contractor shall submit a bridge deck curing plan to the Engineer a minimum 14 calendar days prior to the pre-concreting conference. The Contractor’s plan shall describe
the sequence and timing that will be used to fog the bridge deck, apply pre-soaked burlap, install soaker hoses and cover the deck with white reflective sheeting.

6-02.3(11)B2 Curing
The fogging apparatus shall be in place and charged for fogging prior to beginning concrete placement for the bridge deck.

The Contractor shall presoak all burlap to be used to cover the deck during curing.

Immediately after the finishing machine passes over finished concrete, the Contractor shall implement the following tasks:

1. The Contractor shall fog the bridge deck while maintaining a wet sheen without developing pooling or sheeting water.

2. The Contractor shall apply the presoaked burlap to the top surface to fully cover the deck without damaging the finish, other than minor marring of the concrete surface. The Contractor shall not apply curing compound.

3. The Contractor shall continue to keep the burlap wet by fog spraying until the burlap is covered by soaker hoses and white reflective sheeting. The Contractor shall place the soaker hoses and whiter reflective sheeting after the concrete has achieved initial set. The Contractor shall charge the soaker hoses frequently so as to keep the burlap covering the entire deck wet during the course of curing.

As an alternative to tasks 2 and 3 above, the Contractor may propose a curing system using proprietary curing blankets specifically manufactured for bridge deck curing. Details of the proprietary curing blanket system, including product literature and details of how the system is to be installed and maintained, shall be submitted to the Engineer for approval.

The wet curing regime as described shall remain in place for at least 14 consecutive calendar days.

6-02.3(12)A Construction Joints in New Construction
The third paragraph is deleted and replaced with the following three new paragraphs:

If the Plans require a roughened surface on the joint, the Contractor shall strike it off to leave grooves at right angles to the length of the member. Grooves shall be installed using one of the following options:

1. Grooves shall be ½ to 1 inch wide, ¼ to ½ inch deep, and spaced equally at twice the width of the groove. Grooves shall terminate approximately 1 ½-inches from the face of concrete.
2. Grooves shall be 1 to 2 inches wide, a minimum of ½-inch deep, and spaced a maximum of three times the width of the groove. Grooves shall terminate approximately 1 ½-inches from the face of concrete.

If the Engineer approves, the Contractor may use an alternate method to produce a roughened surface on the joint, provided that such an alternate method leaves a roughened surface of at least a ¼-inch amplitude.

If the first strike-off does not produce the required roughness, the Contractor shall repeat the process before the concrete reaches initial set. The final surface shall be clean and without laitance or loose material.

6-02.3(15) Date Numerals
The third sentence in the first paragraph is revised to read:

When an existing Structure is widened or when traffic barrier is placed on an existing Structure, the date shall be for the year in which the original Structure was completed.

6-02.3(16) Plans for Falsework and Formwork
This section is revised to read:

The Contractor shall submit all plans for falsework and formwork as Type 2E Working Drawings. Submittal is not required for footing or retaining wall formwork if the wall is 4 feet or less in height (excluding pedestal height).

The design of falsework and formwork shall be based on:

1. Applied loads and conditions which are no less severe than those described in Section 6-02.3(17)A, Design Loads;

2. Allowable stresses and deflections which are no greater than those described in Section 6-02.3(17)B, Allowable Stresses and Deflections;

3. Special loads and requirements no less severe than those described in Section 6-02.3(17)C, Falsework and Formwork at Special Locations;

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

The falsework and formwork plans shall be scale drawings showing the details of proposed construction, including: sizes and properties of all members and components; spacing of bents, posts, studs, wales, stringers, wedges and bracing; rates of concrete placement, placement sequence, direction of placement, and location of construction joints; identification of falsework devices and safe working loads as well as identification of any bolts or threaded rods used with the devices including their diameter, length, type, grade, and required torque. The falsework plans shall show the proximity of falsework to utilities or any nearby Structures including underground Structures. Formwork accessories shall be
identified according to Section 6-02.3(17)H, Formwork Accessories. All assumptions, dimensions, material properties, and other data used in making the structural analysis shall be noted on the drawing.

The Contractor shall furnish associated design calculations to the Engineer as part of the submittal. The design calculations shall show the stresses and deflections in load supporting members. Construction details which may be shown in the form of sketches on the calculation sheets shall be shown in the falsework or formwork drawings as well. Falsework or formwork plans will be rejected in cases where it is necessary to refer to the calculation sheets for information needed for complete understanding of the falsework and formwork plans or how to construct the falsework and formwork.

Each sheet of falsework and formwork plans shall carry the following:

1. The initials and dates of all participating design professionals.

2. Clear notation of all revisions including identification of who authorized the revision, who made the revision, and the date of the revision.

3. The Contract number, Contract title, and sequential sheet number. These shall also be on any related documents.

4. Identify where the falsework and formwork plan will be utilized by referencing Contract Plan sheet number and related item or detail.

6-02.3(16)A Nonpreapproved Falsework and Formwork Plans
This section, including title, is deleted in its entirety and replaced with the following:

6-02.3(16)A Vacant

6-02.3(16)B Preapproved Formwork Plans
This section, including title, is revised to read:

6-02.3(16)B Pre-Contract Review of Falsework and Formwork Plans
The Contractor may request pre-contract review of formwork plans for abutments, wingwalls, diaphragms, retaining walls, columns, girders and beams, box culverts, railings, and bulkheads. Plans for falsework supporting the bridge deck for interior spans between precast prestressed concrete girders may also be submitted for pre-contract review.

To obtain pre-contract review, the Contractor shall electronically submit drawings and design calculations in PDF format directly to:

BridgeConstructionSupport@wsdot.wa.gov

The Bridge and Structures Office, Construction Support Engineer will return the falsework or formwork plan to the Contractor with review notes, an effective date of review, and any
revisions needed prior to use. For each contract on which the pre-reviewed falsework or
formwork plans will be used, the Contractor shall submit a copy to the Engineer.
Construction shall not begin until the Engineer has given concurrence.

If the falsework or formwork being constructed has any deviations to the preapproved
falsework or formwork plan, the Contractor shall submit plan revisions for review and
approval in accordance with Section 6-02.3(16).

6-02.3(17)A Design Loads
The fifth paragraph is revised to read:

Live loads shall consist of a minimum uniform load of not less than 25 psf, applied over the
entire falsework plan area, plus the greater of:

1. Actual weights of the deck finishing equipment applied at the rails, or;

2. A minimum load of 75 pounds per linear foot applied at the edge of the bridge deck.

6-02.3(17)J Face Lumber, Studs, Wales, and Metal Forms
The second to last paragraph is deleted.

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

The cylinders shall be cured in the field in accordance with WSDOT FOP for AASHTO T
23 Section 10.2 Field Curing.

6-02.3(20) Grout for Anchor Bolts and Bridge Bearings
The first five paragraphs are deleted and replaced with the following two new paragraphs:

Grout shall conform to Section 9-20.3(2) for anchor bolts and for bearing assemblies with
bearing plates. Grout shall conform to Section 9-20.3(3) for elastomeric bearing pads and
fabric pad bearings without bearing plates.

Grout shall be a workable mix with a viscosity that is suitable for the intended application.
The Contractor shall receive approval from the Engineer before using the grout.

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

If the prestressing reinforcement will not be stressed and grouted for more than 7 calendar
days after it is placed in the ducts, the Contractor shall place an approved corrosion inhibitor
6-02.5 Payment

In the paragraph following the bid item “Commercial Concrete”, per cubic yard the second sentence is revised to read:

All costs in connection with concrete curing, and furnishing and applying pigmented sealer to concrete surfaces as specified, shall be included in the unit contract price per cubic yard for "Conc. Class ____".

The following new paragraph is inserted after the bid item “Superstructure (name bridge)”, lump sum:

All costs in connection with constructing, finishing and removing the bridge deck test slab as specified in Section 6-02.3(10)D1 shall be included in the lump sum Contract price for “Superstructure____” or “Bridge Deck____” for one bridge in each project, as applicable.

The bid item “Cure Box”, lump sum and paragraph following bid item are deleted.

8-01.AP8

Section 8-01, Erosion Control and Water Pollution Control

August 4, 2014

8-01.2 Materials

This section is supplemented with the following new paragraph:

For all seed the Contractor shall furnish the Engineer with the following documentation:

1. The state or provincial seed dealer license and endorsements.

2. Copies of Washington State Department of Agriculture (WSDA) test results on each lot of seed. Test results must be within six months prior to the date of application.

8-01.3(1)A Submittals

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

Modified TESC Plans shall meet all requirements of the current edition of the WSDOT Temporary Erosion and Sediment Control Manual M 3109.

8-01.3(2)A Preparation for Application

This section's content is deleted and replaced with the following two new subsections:

8-01.3(2)A1 Seeding

Areas to be cultivated are shown in the Plans or specified in the Special Provisions. The areas shall be cultivated to the depths specified to provide a reasonably firm but friable seedbed. Cultivation shall take place no sooner than 2 weeks prior to seeding.
All areas to be seeded, including excavated slopes shall be compacted and prepared unless otherwise specified or ordered by the Engineer. A cleated roller, crawler tractor, or similar equipment that forms longitudinal depressions at least 2 inches deep shall be used for compaction and preparation of the surface to be seeded.

The entire area shall be uniformly covered with longitudinal depressions formed perpendicular to the natural flow of water on the slope. The soil shall be conditioned with sufficient water so the longitudinal depressions remain in the soil surface until completion of the seeding.

Prior to seeding, the finished grade of the soil shall be 1 inch below the top of all curbs, junction and valve boxes, walks, driveways, and other Structures. The soil shall be in a weed free and bare condition.

All bags of seed shall be brought to the site in sealed bags and shall have seed labels attached showing the seed meets the Specifications. Seed which has become wet, moldy, or otherwise damaged in transit or storage will not be accepted.

8-01.3(2)A2 Temporary Seeding
A cleated roller, crawler tractor, or similar equipment that forms longitudinal depressions at least 2 inches deep shall be used for compaction and preparation of the surface to be seeded. The entire area shall be uniformly covered with longitudinal depressions formed perpendicular to the natural flow of water on the slope. The soil shall be conditioned with sufficient water so the longitudinal depressions remain in the soil surface until completion of the seeding.

8-01.3(2)B Seeding and Fertilizing
In the list in the second paragraph, item numbers 1-5 are revised to read:

1. A hydro seeder that utilizes water as the carrying agent, and maintains continuous agitation through paddle blades. It shall have an operating capacity sufficient to agitate, suspend, and mix into a homogeneous slurry the specified amount of seed and water or other material. Distribution and discharge lines shall be large enough to prevent stoppage and shall be equipped with a set of hydraulic discharge spray nozzles that will provide a uniform distribution of the slurry.

2. Blower equipment with an adjustable disseminating device capable of maintaining a constant, measured rate of material discharge that will ensure an even distribution of seed at the rates specified.

3. Helicopters properly equipped for aerial seeding.

4. Power-drawn drills or seeders.

5. Areas in which the above methods are impractical may be seeded by hand methods.
8-01.3(2)C Liming
This section including title is deleted in its entirety and replaced with the following:

8-01.3(2)C Vacant

8-01.3(2)D Mulching
The first sentence of the second paragraph is revised to read:

Distribution of straw mulch material shall be by means that utilizes forced air to blow mulch material on seeded areas.

8-01.4 Measurement
In the twelfth paragraph, “liming” is deleted.

8-01.5 Payment
The bid item “Liming”, per acre is deleted.

8-04.AP8

Section 8-04, Curbs, Gutters, and Spillways
August 4, 2014

8-04.3(1) Cement Concrete Curbs, Gutters, and Spillways
The first sentence in the fourth paragraph is revised to read:

Expansion joints in the curb or curb and gutter shall be spaced as shown in the Plans, and placed at the beginning and ends of curb returns, drainage Structures, bridges, and cold joints with existing curbs and gutters.

In the third sentence of the fourth paragraph, “¼-inch” is revised to read “⅜-inch”.

8-04.3(1)A Extruded Cement Concrete Curb
The second sentence in the second paragraph is revised to read:

Cement concrete curbs shall be anchored to the existing pavement by placing steel reinforcing bars 1 foot on each side of every joint.

The third paragraph is revised to read:

Steel reinforcing bars shall meet the dimensions shown in the Standard Plans.

DIVISION 9
MATERIALS
9-03.AP9

Section 9-03, Aggregates

August 4, 2014

9-03.1(2)C Use of Substandard Gradings
This section including title is deleted in its entirety and replaced with the following:

Vacant

9-03.1(4)C Grading
In the second paragraph, the first sentence is deleted.

The third paragraph is deleted.

9-03.1(5)B Grading
The last paragraph is revised to read:

The Contracting Agency may sample each aggregate component prior to introduction to the weigh batcher or as otherwise determined by the Engineer. Each component will be sieve analyzed separately in accordance with WSDOT FOP for WAQTC/AASHTO Test Method T-27/11. All aggregate components will be mathematically re-combined by the proportions (percent of total aggregate by weight) provided by the Contractor on Concrete Mix Design Form 350-040.

9-03.8(1) General Requirements
The first paragraph up until the colon is revised to read:

Preliminary testing of aggregates for source approval shall meet the following test requirements:

The list in the first paragraph is supplemented with the following:

Sand Equivalent 45 min.

The following new paragraph is inserted after the first paragraph:

Aggregate sources that have 100 percent of the mineral material passing the No. 4 sieve shall be limited to no more than 5 percent of the total weight of aggregate.

9-03.14(3) Common Borrow
This section is revised to read:

Material for common borrow shall consist of granular or nongranular soil and/or aggregate which is free of deleterious material. Deleterious material includes wood, organic waste, coal, charcoal, or any other extraneous or objectionable material. The material shall not
contain more than 3 percent organic material by weight. The plasticity index shall be determined using test method AASHTO T 89 and AASHTO T 90.

The material shall meet one of the options in the soil plasticity table below.

**Soil Plasticity Table**

<table>
<thead>
<tr>
<th>Option</th>
<th>Sieve</th>
<th>Percent Passing</th>
<th>Plasticity Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>No. 200</td>
<td>0 - 12</td>
<td>N/A</td>
</tr>
<tr>
<td>2</td>
<td>No. 200</td>
<td>12.1 - 35</td>
<td>6 or Less</td>
</tr>
<tr>
<td>3</td>
<td>No. 200</td>
<td>Above 35</td>
<td>0</td>
</tr>
</tbody>
</table>

All percentages are by weight.

If requested by the Contractor, the plasticity index may be increased with the approval of the Engineer.

**9-03.14(4) Gravel Borrow for Structural Earth Wall**

In the second table, the row beginning with “pH” is revised to read:

<table>
<thead>
<tr>
<th>pH</th>
<th>WSDOT Test Method T 417</th>
<th>4.5 - 9</th>
<th>5 - 10</th>
</tr>
</thead>
</table>

**9-05.AP9**

Section 9-05, Drainage Structures and Culverts

April 7, 2014

**9-05.13 Ductile Iron Sewer Pipe**

The first paragraph is deleted.

**9-14.AP9**

Section 9-14, Erosion Control and Roadside Planting

August 4, 2014

**9.14.1 Soil**

This section, including title, is revised to read:
9-14.1 Topsoil
Topsoil shall not contain any recycled material, foreign materials, or any listed Noxious and Nuisance weeds of any Class designated by authorized State or County officials. Aggregate shall not comprise more than 10% by volume of Topsoil and shall not be greater than two inches in diameter.

9-14.1(2) Topsoil Type B
The last sentence of the second paragraph is deleted.

9-14.2 Seed
This section is revised to read:

Seed of the type specified shall be certified in accordance with WAC 16-302. Seed mixes shall be commercially prepared and supplied in sealed containers. The labels shall show:

(1) Common and botanical names of seed
(2) Lot number
(3) Net weight
(4) Pounds of Pure live seed (PLS) in the mix
(5) Origin of seed

All seed vendors must have a business license issued by supplier’s state or provincial Department of Licensing with a “seed dealer” endorsement.

9-14.4(3) Bark or Wood Chips
This section’s title is revised to read:

Bark or Wood Chip Mulch

The first paragraph is revised to read:

Bark or wood chip mulch shall be derived from fir, pine, or hemlock species. It shall not contain resin, tannin, or other compounds in quantities that would be detrimental to plant life. Sawdust shall not be used as mulch. Mulch produced from finished wood products or construction debris will not be allowed.

9-14.4(6) Gypsum
The first sentence is revised to read:

Gypsum shall consist of Calcium Sulfate (CaSO$_4$·2H$_2$O) in a pelletized or granular form.

9-14.4(7) Tackifier
This section is revised to read:
Tackifiers are used as a tie-down for soil, compost, seed, and/or mulch. Tackifiers shall contain no growth or germination-inhibiting materials and shall not reduce infiltration rates. Tackifiers shall hydrate in water and readily blend with other slurry materials.

The Contractor shall provide test results documenting the tackifier meets the requirements for Acute Toxicity, Solvents, and Heavy Metals as required in Table 1 in Section 9-14.4(2). The tests shall be performed at the manufacturer’s recommended application rate.

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

Compost production and quality shall comply with WAC 173-350.

9-14.4(8)A Compost Submittal Requirements
Item 2 is revised to read:

5. 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).

9-14.6(2) Quality
The second and third paragraphs in this section are revised to read:

All plant material shall comply with State and Federal laws with respect to inspection for plant diseases and insect infestation. Plants must meet Washington State Department of Agriculture plant quarantines and have a certificate of inspection. Plants originating in Canada must be accompanied by a phytosanitary certificate stating the plants meet USDA health requirements.

All plant material shall be purchased from a nursery licensed to sell plants in their state or province.

9-16.AP9

Section 9-16, Fence and Guardrail
August 4, 2014

9-16.2(1)B Wood Fence Posts and Braces
In the table, the row beginning with “ACA” is deleted.
9-34.AP9

Section 9-34, Pavement Marking Material

August 4, 2014

9-34.2 Paint

The second paragraph is revised to read:

Blue and black paint shall comply with the requirements of 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 ratio.

9-34.5 Temporary Pavement Marking Tape

This section is revised to read:

Biodegradable tape with paper backing is not allowed.

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

9-34.5(1) Temporary Pavement Marking Tape – Short Duration
Temporary pavement marking tape for short duration shall conform to ASTM D4592 Type II except that black tape, black mask tape and the black portion of the contrast removable tape, shall be non-reflective.

9-34.5(2) Temporary Pavement Marking Tape – Long Duration
Temporary pavement marking tape for long duration shall conform to ASTM D4592 Type I. Temporary pavement marking tape for long duration, except for black tape, shall have a minimum initial coefficient of retroreflective luminance of 200 mcd* m⁻²*lx⁻¹ when measured in accordance with ASTM E 2832 or ASTM E 2177. Black tape, black mask tape and the black portion of the contrast removable tape, shall be non-reflective.

9-34.6 Temporary Raised Pavement Markers

This section’s title is revised to read:

Temporary Flexible Raised Pavement Markers

The second paragraph is deleted.

9-35.AP9

Section 9-35, Temporary Traffic Control Materials

August 4, 2014

9-35.0 General Requirements

The following item is deleted from the list of temporary traffic control materials:
Barrier Drums

The last sentence of the second paragraph is revised to read:

Certification for crashworthiness according to NCHRP 350 or the Manual for Assessing Safety Hardware (MASH) will be required as described in Section 1-10.2(3).

9-35.2 Construction Signs

The first sentence is revised to read:

Construction signs shall conform to the requirements of the MUTCD and shall meet the requirements of NCHRP Report 350 for Category 2 devices or MASH.

9-35.7 Traffic Safety Drums

The third paragraph is revised to read:

Drums and light units shall meet the crashworthiness requirements of NCHRP 350 or MASH as described in Section 1-10.2(3).

9-35.8 Barrier Drums

This section including title is deleted in its entirety and replaced with the following:

9-35.8 Vacant

9-35.12 Transportable Attenuator

In the first paragraph, the fourth sentence is revised to read:

The Contractor shall provide certification that the transportable attenuator complies with NCHRP 350 Test level 3 or MASH Test Level 3 requirements.

9-35.13 Tall Channelizing Devices

In the sixth paragraph, the last sentence is revised to read:

The method of attachment must ensure that the light does not separate from the device upon impact and light units shall meet the crashworthiness requirements of NCHRP 350 or MASH as described in Section 1-10.2(3).
SPECIAL PROVISIONS
SPECIAL PROVISIONS
TO THE STANDARD SPECIFICATIONS

NR 3537 - RAIL TO TRAIL

The following Special Provisions are made a part of this contract and supersede any conflicting provisions of the 2014 Standard Specifications for Road, Bridge and Municipal Construction, and the foregoing Amendments to the Standard Specifications.

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

(date) General Special Provision
(******) Notes a revision to a General Special Provision
and also notes a Project Specific Special Provision.
(Regions¹ date) Region Special Provision
(BSP date) Bridges and Structures Special Provision

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

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

Regions¹
ER Eastern Region
NCR North Central Region
NWR Northwest Region
OR Olympic Region
SCR South Central Region
SWR Southwest Region
WSF Washington State Ferries Division

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

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

DESCRIPTION OF WORK

(*****)
Furnishing all labor, materials, and equipment necessary for the construction of approximately 24,150 LF of hot mix asphalt paved pedestrian pathway beginning approximately 1,000 FT north of Low Road and ending at approximately at the intersection of Old Naches Highway and US 12. on the existing old railroad track bed. Work consists of reshaping the existing track bed, adding crushed rock, compacting, and paving with hot mix asphalt, fencing, barriers, signing, striping, construction of two trailheads with parking and restrooms, and other related work, in accordance with the attached Plans, these Special Provisions and the 2014 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 Greenway Foundation and Washington State Recreation and Conservation Office funds are involved in the construction of these improvements.

SECTION 1-01, DEFINITION AND TERMS

1-01.3 Definitions
(March 8, 2013 APWA GSP)

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

Dates

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

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

Contract Execution Date
The date the Contracting Agency officially binds the Agency to the Contract.
Notice to Proceed Date
The date stated in the Notice to Proceed on which the Contract time begins.

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

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

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

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

Supplement this Section with the following:

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

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

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

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

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

Alternate
One of two or more units of work or groups of bid items, identified separately in the Bid Proposal, from which the Contracting Agency may make a choice between different methods or material of construction for performing the same work.
Business Day
A business day is any day from Monday through Friday except holidays as listed in Section 1-08.5.

Contract Bond
The definition in the Standard Specifications for “Contract Bond” applies to whatever bond form(s) are required by the Contract Documents, which may be a combination of a Payment Bond and a Performance Bond.

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>Only upon request at Contractor’s expense: $10.50 per sheet.</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.
1-02.7  **Bid Deposit**  
(March 8, 2013 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.

If so stated in the Contract Provisions, cash will not be accepted for a bid deposit.

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.

1-02.15 Pre Award Information

(August 14, 2013 APWA GSP)

Revise this section to read:

Before awarding any contract, the Contracting Agency may require one or more of these items or actions of the apparent lowest responsible bidder:

1. A complete statement of the origin, composition, and manufacture of any or all materials to be used,
2. Samples of these materials for quality and fitness tests,
3. A progress schedule (in a form the Contracting Agency requires) showing the order of and time required for the various phases of the work,
4. A breakdown of costs assigned to any bid item,
5. Attendance at a conference with the Engineer or representatives of the Engineer,
6. Obtain, and furnish a copy of, a business license to do business in the city or county where the work is located.

7. Any other information or action taken that is deemed necessary to ensure that the bidder is the lowest responsible bidder.

SECTION 1-03, AWARD AND EXECUTION OF CONTRACT

1-03.1 Consideration of Bids

(January 23, 2006 APWA GSP)

Revise the first paragraph to read:

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

1-03.3 Execution of Contract

(October 1, 2005 APWA GSP)

Revise this section to read:

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

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

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

If the bidder experiences circumstances beyond their control that prevents return of the contract documents within _the_ calendar days after the award date stated above, the
Contracting Agency may grant up to a maximum of 10 additional calendar days for return of the documents, provided the Contracting Agency deems the circumstances warrant it.

1-03.4 Contract Bond
(October 1, 2005 APWA GSP)

Revise the first paragraph to read:

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

Section 1-03.4 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.

1-05.11 Final Inspection

Delete this section and replace it with the following:

1-05.11 Final Inspections and Operational Testing
(October 1, 2005 APWA GSP)

1-05.11(1) Substantial Completion Date

When the Contractor considers the work to be substantially complete, the Contractor shall so
notify the Engineer and request the Engineer establish the Substantial Completion Date. The
Contractor’s request shall list the specific items of work that remain to be completed in order
to reach physical completion. The Engineer will schedule an inspection of the work with the
Contractor to determine the status of completion. The Engineer may also establish the
Substantial Completion Date unilaterally.

If, after this inspection, the Engineer concurs with the Contractor that the work is
substantially complete and ready for its intended use, the Engineer, by written notice to the
Contractor, will set the Substantial Completion Date. If, after this inspection the Engineer
does not consider the work substantially complete and ready for its intended use, the
Engineer will, by written notice, so notify the Contractor giving the reasons therefor.

Upon receipt of written notice concurring in or denying substantial completion, whichever is
applicable, the Contractor shall pursue vigorously, diligently and without unauthorized
interruption, the work necessary to reach Substantial and Physical Completion. The
Contractor shall provide the Engineer with a revised schedule indicating when the Contractor expects to reach substantial and physical completion of the work.

The above process shall be repeated until the Engineer establishes the Substantial Completion Date and the Contractor considers the work physically complete and ready for final inspection.

1-05.11(2) Final Inspection and Physical Completion Date

When the Contractor considers the work physically complete and ready for final inspection, the Contractor by written notice, shall request the Engineer to schedule a final inspection. The Engineer will set a date for final inspection. The Engineer and the Contractor will then make a final inspection and the Engineer will notify the Contractor in writing of all particulars in which the final inspection reveals the work incomplete or unacceptable. The Contractor shall immediately take such corrective measures as are necessary to remedy the listed deficiencies. Corrective work shall be pursued vigorously, diligently, and without interruption until physical completion of the listed deficiencies. This process will continue until the Engineer is satisfied the listed deficiencies have been corrected.

If action to correct the listed deficiencies is not initiated within 7 days after receipt of the written notice listing the deficiencies, the Engineer may, upon written notice to the Contractor, take whatever steps are necessary to correct those deficiencies pursuant to Section 1-05.7.

The Contractor will not be allowed an extension of contract time because of a delay in the performance of the work attributable to the exercise of the Engineer's right hereunder.

Upon correction of all deficiencies, the Engineer will notify the Contractor and the Contracting Agency, in writing, of the date upon which the work was considered physically complete. That date shall constitute the Physical Completion Date of the contract, but shall not imply acceptance of the work or that all the obligations of the Contractor under the contract have been fulfilled.

1-05.11(3) Operational Testing

It is the intent of the Contracting Agency to have at the Physical Completion Date a complete and operable system. Therefore when the work involves the installation of machinery or other mechanical equipment; street lighting, electrical distribution or signal systems; irrigation systems; buildings; or other similar work it may be desirable for the Engineer to have the Contractor operate and test the work for a period of time after final inspection but prior to the physical completion date. Whenever items of work are listed in the Contract Provisions for operational testing they shall be fully tested under operating conditions for the time period specified to ensure their acceptability prior to the Physical Completion Date. During and following the test period, the Contractor shall correct any items of workmanship, materials, or equipment which prove faulty, or that are not in first class operating condition. Equipment, electrical controls, meters, or other devices and equipment to be tested during this period shall be tested under the observation of the Engineer, so that the Engineer may determine their suitability for the purpose for which they were installed. The Physical
Completion Date cannot be established until testing and corrections have been completed to
the satisfaction of the Engineer.

The costs for power, gas, labor, material, supplies, and everything else needed to successfully
complete operational testing, shall be included in the unit contract prices related to the
system being tested, unless specifically set forth otherwise in the proposal.

Operational and test periods, when required by the Engineer, shall not affect a manufacturer’s
guaranties or warranties furnished under the terms of the contract.

1-05.13    Superintendents, Labor and Equipment of Contractor
(August 14, 2013 APWA GSP)

Delete the sixth and seventh paragraphs of this section.

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

Revise the second paragraph to read:

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

Add the following new section:

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

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

Add the following new section:

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

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

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 onsite 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 3, 2014)
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:

Call Before You Dig On Call Center Phone: 811
CenturyLink (509) 575-7160
Charter 1005 N. 16th Ave., Yakima WA 98902 (509) 728-2662
Pacific Power and Light Co. 500 N. Keys Rd., Yakima WA 98901 (509) 575-3158
City of Yakima Water 23001 Fruitvale Blvd., Yakima WA 98902 (509) 576-6480
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, Yakima Greenway Foundation, HLA, Inc. 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(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>
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<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.

107.24 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 60 working days.

(August 14, 2013 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 is approved 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 (per Section 1-07.9(5)).
   b. Material Acceptance Certification Documents
   c. Quarterly Reports of Amounts Credited as DBE Participation, as required by the
   d. Final Contract Voucher Certification
   e. Copies of the approved "Affidavit of Prevailing Wages Paid" for the Contractor and
      all Subcontractors
   f. Property owner releases per Section 1-07.24

1-08.9 Liquidated Damages
(August 14, 2013 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:

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

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

Revise the third paragraph to read:

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

1-10.1(2) Description

(******)

Section 1-10.1(2) is supplemented with the following:

Before beginning any clearing, grading, sloping or placing embankment material along and within U.S. 12, the Contractor shall obtain and follow all conditions included in a General Access Permit from the Washington State Department of Transportation.

1-10.2 Traffic Control Management

1-10.2(1) General

(December 1, 2008 WSDOT GSP)

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

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

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

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

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

(******)

1-10.4 Measurement
1-10.4(1) Lump Sum Bid for Project (No Unit Items)

(August 2, 2004 WSDOT GSP)

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

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

1-10.5 Payment

(******)

Section 1-10-5(2) is revised as follows:

The lump sum Contract price for "Construction Signs Class A" shall be full compensation for all labor and materials incurred by the Contractor in furnishing, placement, maintaining and removal of Construction Signs Class A on this project.

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:

(Febuary 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 existing wire fence Sta 146+70.
2. Remove trees Sta 148+50 +/- if not removed by others.
3. Remove trees Sta 154+00 +/- if not removed by others.
4. Remove existing wire fence Sta 147+50 to Sta 164+00.
5. Remove existing curb and gutter Sta 273+40 and Sta 274+00.
6. Remove existing curb and asphalt Sta 279+20' Lt. +/-

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 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:

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 underground 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 tocommencing 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 advanced 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.

SECTION 2-03, ROADWAY EXCAVATION AND EMBANKMENT

2-03.1 Description

Section 2-03.1 is supplemented with the following:

(******)

The Work shall also include the relocation of loosely piled dirt and sod material stockpiled between Station 143+00 and Station 146+00 as shown on the plans. Suitable portions of this material may be used as embankment fill elsewhere on the project. It is estimated there will be approximately 1,600 cy of borrow excavation will be used to construct the pathway embankment between Sta. 136+40 to Sta. 147+00 and between Sta. 164+00 to Sta. 170+00. Additional borrow material may be obtained from the area within the Right of Way between approximately Station 139+75 Lt. to Station 143+00 Lt. as shown on the plans. At approximately Station 164+00 to Station 171+00, existing uncompacted embankment fill shall be lowered to a compactable depth, compacted, and reconstructed to the same approximate grade and typical section as shown in the plans to a uniform profile grade.

2-03.3 Construction Requirements

2-03.3(13) Borrow

Section 2-03.3(13) is supplemented with the following:

(******)

Common Borrow shall be excavated from Borrow Site called out on Sheet 2 of the plans. Borrow shall be placed where needed along Station 136+13 to Station 147+00 and Station 164+00 to Station 169+00 as directed by the Engineer.

2-03.3(14) Embankment Construction

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

(******)

All embankments shall be compacted using Method C.

2-03.3(14) Embankment Construction

2-03.3(14)C Compacting Earth Embankments

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

2-03.4 Measurement
Section 2-03.4 of the Standard Specifications is deleted and replaced with the following:

(******)

No specific unit of measurement shall be used the lump sum bid item “Pathway Excavation and Grading”.

2-03.5 Payment

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

(******)

The Contract Price for "Pathway Excavation and Grading," per Lump Sum, shall be full compensation for all labor, equipment, tools, and materials necessary to excavate, load, haul, place, compact, shape, remove and reconstruct, relocate unsuitable, or otherwise dispose of the materials including large rock, riprap, broken concrete, existing hot mix asphalt pavements, and any other work required to complete this item as specified in this Section 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 Bid Price per Lump Sum for "Pathway Excavation and Grading."

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.

DIVISION 3
PRODUCTION FROM QUARRY AND
PIT SITES AND STOCKPILING

SECTION 3-01 PRODUCTION FROM QUARRY AND PIT SITES

(******)

3-01.2 Material Sources, General Requirements

This section is supplemented with the following:

No source has been provided for any aggregate or dirt or other materials necessary for the construction of this improvement.

The Contractor shall make his own arrangements to obtain the necessary materials at his own expense, and all costs of acquiring, producing, and placing this material in the finished work shall be included in the unit contract prices for the various items involved.

(******)

3-01.4 Contractor Furnished Material Sources

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(10) Compaction

5-04.3(10)B Control

(******)

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

HMA used in traffic lanes, including lanes for ramps, truck climbing, weaving, and speed change, and having specified compacted course thickness greater than 0.10 foot, shall be compacted to a specified level relative density. The specified level of relative density shall be a minimum of 91.0 percent of the reference maximum density as determined by WSDOT for AASHTO T 209. The reference maximum density shall be determined as the moving average of the most recent five determinations for the lot of asphalt concrete being placed. The specified level of density attained will be determined by five nuclear gauge tests taken in accordance with 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, of for
nighttime work within four hours after the beginning of the next paving shift.

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

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

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

**FACTORS INVOLVED:**

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

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

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

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

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

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

**CALCULATION PROCEDURE:**

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

PA = 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 x RLAU
    = $200.00/ton x 0.05 ton/ton
VLA = $10.00/ton

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

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

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

PAY ADJUSTMENT FACTOR

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5-04.3(15) HMA Road Approaches

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

NR 3537 Rail to Trail
For asphalt driveways and Trailhead parking areas 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 Trailhead parking areas not paved with asphalt shall be surfaced with 0.30 foot (compacted depth) crushed surfacing 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.

SAW CUTTING 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 and Trailhead parking area construction shall be by the various Bid Items involved in the work, "HMA Class 3/8-In., PG 64-28", per Ton, "Crushed Surfacing Top Course" per Ton, and "Pathway Excavation and Grading" per Lump Sum.

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 Trailhead parking areas shall be by the various Bid Items involved in the work, "HMA Class 3/8-In., PG 64-28", per Ton, "Crushed Surfacing Top Course" per Ton, and "Pathway Excavation and Grading" per Lump Sum, and shall include all costs.
associated with labor, materials, haul etc. to complete the Item as specified, and no further payment shall be made.

DIVISION 7
DRAINS

SECTION 7-01 DRAINS

7-01.1 Description

Section 7-01.1 is supplemented with the following:

(******)
This Work includes the constructing of subsurface storm water detention and infiltration trench system as detailed in the plans.

Section 7-01.4 Measurement

Section 7-10.4 is supplemented with the following:

(******)
Measurement of the Contract item “12-In. Infiltration Trench” shall be by the linear foot.

Section 7-01.5 Payment

Section 7-01.5 is supplemented with the following:

(******)
The unit Contract price per linear foot for “12-In. Infiltration Trench” shall full compensation for all labor, materials, tools and equipment to construct the infiltration trench as detailed in the plans.

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.

SECTION 8-04, CURBS, GUTTERS, AND SPILLWAYS
8-04.1 Description
Section 8-04.1 is supplemented with the following:

(******)

The Work includes the furnishing and installing of precast recycled plastic and precast concrete parking curb stops to form a raised curb median at the entry to the new pathway at County road crossings.

8-04.4 Measurement
Section 8-04.4 is supplemented with the following:

(******)

Measurement of the Contract item “Raised Curb Median” will be per each.

8-04.5 Payment
Section 8-04.5 is supplemented with the following:

(******)

The unit Contract price per each for “Raised Curb Median” shall be full payment for all costs for furnishing and placement of all materials to construct each raised curb median as shown on the plans.

SECTION 8-12 CHAIN LINK FENCE AND WIRE FENCE

8-12.1 Description
Section 8-12.1 is supplemented with the following:

(******)

The Work includes the fabrication and installation of steel gate support posts, furnishing and installing commercial steel livestock gates as detailed on the plans.

8-12.3 Construction Requirements
Section 8-12.3 is supplemented with the following:

(******)

Where the plans call for construction of Wire Fence, the wire fence shall meet the WSDOT Standard Plans for Wire Fence Type 1, except smooth wire shall be substituted for barbed wire.

8-12.4 Measurement
Section 8-12.4 is supplemented with the following:

(******)

Measurement of the Contract item “Special Swing Gate, 14 FT. Wide” shall be per each.

8-12.5 Payment
Section 8-12.5 is supplemented with the following:

(******)
The unit Contract price per each for “Special Swing Gate, 14 FT. Wide” shall full payment for all labor, material, tools, and equipment needed to fabricate, furnish and install each gate as detailed on the plans.

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 placement of new signs is noted in the Plans, steel sign post systems shall be used. The 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 8-26 TRAIL TO ROADWAY – ADA LANDING (NEW SECTION)

(******)
SECTION 8-26.1 Description

The Work consists of the construction of a trail approach to a County road crossing meeting ADA requirements as shown on the plans.

SECTION 8-26.4 Measurement

Measurement of “Trail to Roadway-ADA Landing” shall be per each.

SECTION 8-26.5 Payment

The unit Contract price per each for “Trail to Roadway-ADA Landing” shall be full payment for all labor, materials, tools, and equipment needed to construct each landing as detailed on the plans.

SECTION 8-27 PARKING CURB STOP (NEW SECTION)

(******)
SECTION 8-27.1 Description
The Work consists of the furnishing and installing precast parking curb stops at the two trailhead parking lots and Apple King Inc. parking area as shown on the plans.

**SECTION 8-17.2 Materials**

The "Parking Curb Stop" must consist of compression molded recycled rubber composite. The color will be black with reflective white stripes.

**SECTION 8-17.3 Construction Requirements**

The parking curb stop will be secured with one \( \frac{1}{2} \)" x 14" rebar for each hole in the parking curb stop installed per the manufactures requirements.

**SECTION 8-27.4 Measurement**

Measurement of "Parking Curb Stop" shall be per each.

**SECTION 8-27.5 Payment**

The unit Contract price per each for "Parking Curb Stop" shall be full payment for all labor, materials, tools, and equipment needed to furnish and install each curb stop as detailed on the plans. Where the plans call for the installation of a rubber speed bump at the Orchard Rite Road trailhead, payment for shall be made at the unit Contract price per each for "Parking Curb Stop".

**SECTION 8-28 PRECAST CONCRETE SINGLE VAULT RESTROOM (NEW SECTION)**

(*******)

**SECTION 8-28.1 Description**

The Work consists of the furnishing and installing a manufactured precast concrete single vault restroom for installation at the two trailhead locations, as shown on the plans.

This specification covers the construction and the placement of a precast concrete single vault restroom building, Model (M-001) Imperial, as produced by Park and Restroom Structures, Inc. (www.parkandrestroomstructures.com) or approval equal. Contractor shall perform all site preparation, utility locations, grading and foundation preparation, and placement access with the supplier.

**SECTION 8-28.2 Materials**

The precast concrete single vault restroom shall meet the following requirements:

- Manufacturer must be ISO 9001 certified at the time of bid.
- Manufacturer must provide stamped, engineered drawings prior to acceptance.
• Manufacture shall provide a minimum 3-year warranty for concrete components and 10-year minimum warranty against leaks from vault.

• Design roof snow load shall be 350 pounds per square foot.

• Design floor load shall be 400 pounds per square foot floor load.

• Design wind load shall be 150 mile per hour (3-second gust) wind exposure C.

• Design earthquake shall be Zone 4.

• Design shall meet the requirements of the sixty-inch turning radius inside toilet room specified by the American with Disabilities Act Requirements and Uniform Federal Accessibility Standards as of the date of these specifications.

• Design shall be all concrete design with a minimum 3/12 roof pitch.

• Design shall have a minimum 4 inch wall, 4 1/2 inch roof, and 5 inch floor thickness.

• The following will contain colored thru concrete: Roof panels, building walls, and screen panels.

• Vault shall hold 1,220 gallons of waste when full.

• Building accessories to be included are:

  • Steel door with spring loaded door hinges, door locks and deadbolt, ADA grab bars, toilet risers, lexan windows, wall vent, ADA signage to comply with Title 24, toilet paper dispensers. Door handles shall be lever both inside and out.

SECTION 8-28.3 Construction Requirements

Installation:

It’s the responsibility of the Contractor to:

1. Provide exact location by stakes or other approved method.

2. Provide clear and level site free of overhead and/or underground obstructions.

3. Provide access to the site for truck delivery and sufficient area for the crane to install and the equipment to perform the contract requirements.
4. Contractor shall excavate and prepare vault foundation per manufacturers
   requirements.

5. Contractor shall provide color and texture samples for Contracting Agency review
   and approval.

SECTION 8-28.4 Measurement

Measurement of “Precast Concrete Single Vault Restroom” shall be per each.

SECTION 8-28.5 Payment

The unit Contract price per each for “Precast Concrete Single Vault Restroom” shall be
full payment for all labor, materials, tools, and equipment needed to furnish and install
each restroom as detailed on the plans.

DIVISION 9
MATERIALS

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-
faceted signs which do not receive decals or fabricators stickers. Signs without the approved
decal shall not be installed on the project

(January 6, 2014)
Standard Plans

The State of Washington Standard Plans for Road, Bridge and Municipal Construction M21-01
transmitted under Publications Transmittal No. PT 13-037, effective August 5, 2013 is made a
part of this contract.

The Standard Plans are revised as follows:

A-50.10
Sheet 2 of 2, Plan, with Single Slope Barrier, reference C-14a is revised to C-70.10

A-50.20
Sheet 2 of 2, Plan, with Anchored Barrier, reference C-14a is revised to C-70.10
A-50.30
Sheet 2 of 2, Plan (top), reference C-14a is revised to C-70.10

B-10.20 and B-10.40
Substitute “step” in lieu of “handhold” on plan

B-25.20
Add Note 7. See Standard Specification Section 8-04 for Curb and Gutter requirements

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

C-16a
Note 1, reference C-28.40 is revised to C-20.10

C-16b
Note 3, reference C-28.40 is revised to C-20.10

C-20.10
All callouts for “W6 x 9 STEEL POST” are revised to read “W6 x 9 STEEL POST OR 6 x 8 TIMBER POST.”

Isometric View, callout, “W6 x 9 x 6’ LONG STEEL POST” is revised to read “W6 x 9 x 6’ LONG STEEL POST OR 6 x 8 x 6’ LONG TIMBER POST.”

Add General Note 5. “All posts for any standard barrier run shall be of the same type: timber or steel.”

C-20.40
All callouts for “W6 x 9 STEEL POST” are revised to read “W6 x 9 STEEL POST OR 6 x 8 TIMBER POST.”

C-20.42
The callout for “W6 x 9 STEEL POST” is revised to read “W6 x 9 STEEL POST OR 6 x 8 TIMBER POST.”

C-22.14
Section B, callout, “ 5/8” x 2” LONG BUTTON HEAD BOLT WITH 7/32” OVAL GRIP, CUT WASHER, AND HEX NUT” is revised to read “ 5/8” x 2” LONG BUTTON HEAD BOLT WITH 7/32” OVAL GRIP, CUT WASHER, AND HEX NUT FOR STEEL POST OR 5/8” x 10” LONG BUTTON HEAD BOLT WITH 7/32” OVAL GRIP, CUT WASHER, AND HEX NUT FOR TIMBER POST”

C-22.16
Section B, callout, “ 5/8” x 2” LONG BUTTON HEAD BOLT WITH 7/32” OVAL GRIP, CUT WASHER, AND HEX NUT” is revised to read “ 5/8” x 2” LONG BUTTON HEAD BOLT WITH 7/32” OVAL GRIP, CUT WASHER, AND HEX NUT FOR TIMBER POST”

NR 3537 Rail to Trail  SP 48 SPECIAL PROVISIONS
BOLT WITH 7/32" OVAL GRIP, CUT WASHER, AND HEX NUT FOR STEEL POST OR
5/8" x 10" LONG BUTTON HEAD BOLT WITH 7/32" OVAL GRIP, CUT WASHER,
AND HEX NUT FOR TIMBER POST"

C-23.60
Add General Note 7. “Posts shall match those of connecting run: timber or steel.”

C-25.18
General Notes, Note 6 is revised to read “Posts 1 and 2 are 10 x 10 timber or W6 x 15 steel
posts – 7’ – 6” long. Posts 3 through 9 are 6 x 8 timber or W6 x 9 steel posts – 6’ – 0’ long.”

C-25.80
Add General Note 5. “All posts for any standard barrier run shall be of the same type:
timber or steel.”

C-70.10
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
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
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
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
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
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
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
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-85.14
General Notes, Note 1, reference to Standard Plan C-13 is revised to C-70.10

C-85.15
General Notes, Note 2, reference to Standard Plan C-13 is revised to C-70.10

C-85.16
General Notes, Note 1, reference to Standard Plan C-13 is revised to C-70.10

C-85.18
General Notes, Note 1, reference to Standard Plan C-13 is revised to C-70.10

C-85.20
General Notes, Note 3, reference to Standard Plan C-13 is revised to C-70.10

F-10.12

F-10.62
Plan Title, Precast Concrete Sloped Mountable Curb is revised to read; “Precast Sloped Mountable Curb”

F-10.64
Plan Title, Plan Title, Precast Concrete Dual Faced Sloped Mountable Curb is revised to read; “Precast Dual Faced Sloped Mountable Curb”

F-30.10
Sections, left side of sheet, (4 places), dimension, Sidewalk - 6’ - 0” MIN.(See Contract) is revised to read; “Sidewalk (See Contract)”
Section, top middle of sheet, dimension, Sidewalk - 6’ - 0” MIN. (See Contract) is revised to read; “Sidewalk (See Contract)”

F-80.10
callout, top middle of sheet, Match Sidewalk Width See Contract Plans ~ 4’ - 0” MIN. is revised to read; “Match Sidewalk Width See Contract Plans”
dimension, PLAN VIEW TYPE 2, (2 places), 4’ - 0” MIN, is revised to read; “(See Contract)”
dimension, SECTION C, See Contract Plans ~ 4’ - 0” MIN. is revised to read; “See Contract Plans”

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.”

H-70.20
Sheet 2, Spacing Detail, Mailbox Support Type 1, reference to Standard Plan I-70.10 is revised to H-70.10

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).
Sheet 2 of 2, “Right Side of Service Cabinet” detail, callout, “1 5/8” x 2 7/16” 12 GA.
SLOTTED STEEL CHANNEL BRACKETS (3 REQ’D), EMBED 12”MIN. IN FOUNDATION.”
Is revised to read: “1-5/8” x 3-1/4”, 12 GA. BACK TO BACK SLOTTED STEEL
CHANNEL BRACKETS (3 REQ’D), EMBED 12” MIN. IN FOUNDATION”

J-10.10
Note 2. “The contractor shall install the conduits in the locations shown. Conduits shall
extend 2” min. above the coupling. The conduit containing unfused utility conductors shall
extend into the utility chase.” is revised to read:

“The contractor shall install the conduits in the locations shown. Conduits shall extend 2”
min. above the coupling. The grounded end bushing on GRS conduit and the end bell
bushing on PVC conduit shall extend 3” max. above the coupling. The conduit containing
unfused utility conductors shall extend into the utility chase.”

Note 4. “The cabinets shall be attached to the foundation with 4 each: 1/2” x 12” x 2” x 4”
hot dip galv. anchor bolts, washers, and nuts. Stainless steel epoxy anchors may be
used as an alternative, and shall be 1/2” diam. x 9”, or 5/8” diam. x 8”. Bolts shall
extend 1 1/2” min. to 2” max. above the concrete pad.” is revised to read:

“The cabinets shall be attached to the foundation with 4 each: ½” x 12” x 2” x 4” anchor
bolts, washers, and nuts conforming to Section 9-06.5(1) and galvanized after fabrication in
accordance with AASHTO M 232. Stainless steel epoxy anchors may be used as an
alternative, and shall be ½” diameter x 9”, or 5/8” diameter x 8”. Threaded Rod (conforming
to ASTM F 593), washers (conforming to ASTM A 240), and nuts (conforming to ASTM F
594), all shall be Type 304 stainless steel. Bolts shall extend 1 ½” min. to 2” max. above the
concrete pad.”

J-10.15
ANCHOR BOLT detail, callout – ASTM A307 with washer and nut – Galvanized per
AASHTO M 232 is revised to read; “Anchor bolts, washers, and nuts conforming to Section
9-06.5(1) and galvanized after fabrication in accordance with AASHTO M 232 “

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-15.15
General Notes, Note 3, reference to Standard Plan J-7c is revised to J-27.15

J-20.10
Foundation Detail, callout, “½” diameter steel hex nut, with 1 ½” flat washer (2) each req’d
per anchor bolt” is revised to read; ½” diameter steel heavy hex nut, with ½” flat washer (2)
each req’d per anchor bolt
J-20.11
Sheet 1, View A, callout, "½" x 26" full thread ~ (4) required ½" hex nuts ~ (4) required per anchor bolt" is revised to read; "½" x 24" full thread ~ (4) required ½" heavy hex nuts ~ (4) required per anchor bolt"

Section B, callout, "1/2" diameter steel hex nut, with ½" flat washer, (2) required per anchor bolt" is revised to read; 1/2" diameter steel heavy hex nut, with ½" flat washer, (2) required per anchor bolt

Sheet 2, Elevation, callout, "Anchor bolt ½" x 28" full thread ~ (4) required ½" hex nuts ~ (4) required per anchor bolt" is revised to read: Anchor bolt 3/4" x 36" full thread ~ (4) required 3/4" heavy hex nuts ~ (4) required per anchor bolt"

J-20.16
Elevation, callout, "1/4" Premolded Joint Filler" is revised to read; "3/8" Premolded Joint Filler"
Add General Note 9. "Junction Box serving the Standard shall preferably be located 5' - 0" (10’ - 0” Max.) from the Standard."

J-21.10
Sheet 1, Round Concrete Foundation Detail, Elevation, callout, "3/4" hex nuts, steel, (4) Req’d. per Anchor Bolt" is revised to read; Anchor bolt ¾" x 30" full thread ~ (4) required ¾" heavy hex nuts, steel, (4) Req’d. per Anchor Bolt

Sheet 1, Square Concrete Foundation Detail, Elevation, callout, "3/4" hex nuts, steel, (4) Req’d. per Anchor Bolt" is revised to read; Anchor bolt ¾" x 30" full thread ~ (4) required ¾" heavy hex nuts, steel, (4) Req’d. per Anchor Bolt

Sheet 1, Detail C, callout, "Base Plate Assembly ~ ½" Diam. steel hex nut, with 1 ½" flat washer, 2 each req’d per anchor bolt ~ minimum of 2 threads above top of nut or 5/8" maximum (Typ.)" is revised to read; Base Plate Assembly ~ 3/4" heavy hex nut, with ¾" flat washer, 2 each req’d per anchor bolt ~ minimum of 2 threads above top of nut or 5/8" maximum (Typ.)"

Sheet 2, Round Concrete Foundation Detail, Elevation, callout, "Anchor Bolts ~ (4) req’d per assembly (Typ.)" is revised to read; Anchor Bolt ¾" x 30" full thread ~ (4) req’d per assembly (Typ.)"
Callout, "3/4" hex nuts, steel ~ (4) req’d. per anchor bolt" is revised to read; 3/4" heavy hex nuts, steel ~ (4) req’d. per anchor bolt

Sheet 2, Round Concrete Foundation Detail, Elevation, callout, "Anchor Bolts ~ (4) req’d per assembly (Typ.)" is revised to read; Anchor Bolt ¾" x 30" full thread ~ (4) req’d per assembly (Typ.)"
Callout, "3/4" hex nuts, steel ~ (4) req’d. per anchor bolt" is revised to read; 3/4" heavy hex nuts, steel ~ (4) req’d. per anchor bolt

J-22.15
Ramp Meter Signal Standard, elevation, dimension 4’ - 6” is revised to read; 6’-0”

J-29.10
Galvanized Welded Wire Mesh detail, callout – “Drill and Tap for ¼” Diam. Cap Screw, 3 Places, @ 9” center, all 4 edges S.S. Screw, ASTM F593 and washer”
Is revised to read;
“Drill and Tap for ¼” Diam. Cap Screw, 3 Places, @ 9” center, all 4 edges S.S. Screw, ASTM F593 and washer. Liberally coat the threads with Anti-seize Compound.”

J-29.15
Title, “Camera Pole Standard” is revised to read; “Camera Pole Standard Details”

J-29-16
Title, “Camera Pole Standard Details” is revised to read; “Camera Pole Details”

J-60.14
All references to J-16b (6x) are revised to read; J-60.11

J-75.40
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

Detail C, callout – Stainless Steel, selftapping ¼” Diam. Screw w/ S.S. Washer, space approx. 9” O.C. is revised to read; “Stainless Steel, selftapping ¼” Diam. Screw w/ S.S. Washer, space approx. 9” O.C., liberally coat the threads with Anti-seize compound”

J-75.45
Detail D, callout– EQUIPMENT GROUNDING CONDUCTOR ~ CLAMP TO STEEL REINFORCING BAR, SIZE PER NEC. MIN. SIZE # 8

Is revised to read:
EQUIPMENT GROUNDING CONDUCTOR ~ CLAMP TO STEEL REINFORCING BAR, SIZE PER NEC minimum size # 4 AWG
Detail C, callout – Stainless Steel, selftapping ¼” Diam. Screw w/ S.S. Washer, space approx. 9” O.C. is revised to read; “Stainless Steel, selftapping ¼” Diam. Screw w/ S.S. Washer, space approx. 9” O.C., liberally coat the threads with Anti-seize compound”

J-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”

J-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”
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-40.20-02......5/29/13     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
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| D-2.32-00 | 11/10/05 | D-2.86-00 | 11/10/05 | D-10.30-00 | 7/8/08 |
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4

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| G-20.10-00 | 9/20/07 | G-25.10-04 | 6/10/13 | G-70.30-02 | 6/10/13 |</p>
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NR 3537 Rail to Trail  
SP 53  
SPECIAL PROVISIONS
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|    | 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 |
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|    | M-5.10-02       | 6/3/11    | M-24.40-01      | 5/31/06 | M-80.20-00       | 6/10/08 |
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|    | M-9.50-01       | 1/30/07   | M-24.60-03      | 5/11/11 |
APPENDIX B
STANDARD PLANS
NOTES

1. Wire rope loops shall be 3'- 8" long, except for the top loop of the Barrier Terminal, which shall be 2'- 0" long.

2. Except for the locations of the wire rope loops, the dimensions shown in END VIEW 'A' are typical for both ends of a Barrier Section or opposing ends of Barrier Terminals.

3. Connecting and Drift Pin head designs vary among different manufacturers. Pin designs that are shaped differently than those shown in the detail are acceptable, if the bearing surface is within the minimum and maximum width specified.

4. The vertical spacing of the Wire Rope Loops in a Barrier Terminal is determined by the end of the Barrier Segment to which it is being connected. See BARRIER CONNECTION DETAIL (Sheet 2).
DUAL-FACED CEMENT CONCRETE TRAFFIC CURB AND GUTTER

CEMENT CONCRETE TRAFFIC CURB AND GUTTER

DEPRESSED CURB SECTION AT CURB RAMPS AND DRIVEWAY ENTRANCES

NOTE

CEMENT CONCRETE PEDESTRIAN CURB AT CURB RAMPS, LANDING, AND DRIVEWAY ENTRANCES

CEMENT CONCRETE PEDESTRIAN CURB

DUAL-FACED CEMENT CONCRETE TRAFFIC CURB

CEMENT CONCRETE TRAFFIC CURB

MOUNTABLE CEMENT CONCRETE TRAFFIC CURB

CEMENT CONCRETE CURBS
STANDARD PLAN F-10.12-02

Sheet 1 of 1 Sheet
Approved for Publication
Pasco Bakotic III 06-16-11
Washington State Department of Transportation
1. Provide a separate Curb Ramp for each marked or unmarked crosswalk. Curb Ramp location shall be placed within the width of the associated crosswalk or as shown in the Contract Plans.

2. Where "GRADE BREAK" is called out, the entire length of the grade break between the two adjacent surface planes shall be flush.

3. Do not place Gratings, Junction Boxes, Access Covers, or other appurtenances in front of the Curb Ramp or on any part of the Curb Ramp or Landing.


6. The Bid Item "Cement Concrete Curb Ramp Type A" does not include the adjacent Curb, Curb and Gutter, Depressed Curb and Gutter, Pedestrian Curb, or Sidewalk.

7. The Curb Ramp maximum running slope shall not require the ramp length to exceed 15 feet to avoid changing the slope indefinitely when connecting to steep grades. When applying the 15-foot max. length, the running slope of the curb ramp shall be as flat as feasible.


9. Pedestrian Curb may be omitted if the ground surface at the back of the Curb Ramp and/ or Landing will be at the same elevation as the Curb Ramp or Landing and there will be no material to retain.
NOTES

1. Refer to the Sign Specification Sheet of the Contract for the Y and W distances.

2. The minimum vertical distance from the bottom of the sign to the ground shall not be less than 7" for signs located within the Design Clear Zone.
**BOLLARD TYPE 1**

**STANDARD PLAN H-60.10-01**

Sheet 1 of 1 Sheet

APPROVED FOR PUBLICATION

Pasco Bakoich III 07-03-08

Washington State Department of Transportation
WIRE FENCE TYPES 1 & 2
AND WIRE GATE

STANDARD PLAN L-10.10-02

NOTES
1. The bracing and pull post details for Wire Fence Type 2 are the same as for Type 1.
2. Attach the wire mesh to the posts using four fasteners. Three additional fasteners per post are required within and at the limits of sag conditions. Use additional fasteners on posts that mark the angle point of any sudden change in topography.
3. See Standard Specification 9-18.21(1) for wood post sizes. Wood anchors (for wood posts) shall be 2 x 4 lumber, 12" long minimum, and fastened with three 10d galvanized nails.

INTERMEDIATE BRACING/PULL POST
(SHOWN FOR WIRE FENCE TYPE 1)

STEEL POSTS AND BRACES

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GRADE DEPRESSION (SAG) DETAIL
(STEEL POSTS SHOWN)

INTERSECTION BRACING
(SHOWN FOR WIRE FENCE TYPE 1)

CORNER BRACING
(SHOWN FOR WIRE FENCE TYPE 1)

WIRE FENCE TYPES 1 & 2
AND WIRE GATE

STANDARD PLAN L-10.10-02

APPROVED FOR PUBLICATION
Pasco Bakotich III 06/21/12
Washington State Department of Transportation
NOTES
1. All concrete post bases shall be 10' minimum diameter.
2. Along the top and bottom, using Hog Rings, fasten the Chain Link Fence Fabric to the Tension Wire within the limits of the first full fabric weave.
3. Details are illustrative and shall not limit hardware design or post selection of any particular fence type.

CHAIN LINK FENCE TYPES 3 AND 4
STANDARD PLAN L-20.10-02
SHEET 1 OF 2 SHEETS
APPROVED FOR PUBLICATION
Pasco Bakolich III 08/21/12
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

POST AND RAIL SPECIFICATIONS

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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.

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<td>Yakima</td>
<td><strong>Concrete Pump: Truck Mount With Boom Attachment Over 42 M</strong></td>
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<td><strong>Concrete Pump: Truck Mount With Boom Attachment Up To 42m</strong></td>
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<td><strong>Cranes: 20 Tons Through 44 Tons With Attachments</strong></td>
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<td>Yakima</td>
<td><strong>Cranes: 100 Tons Through 199 Tons, Or 150' Of Boom (Including Jib With Attachments)</strong></td>
<td>$54.04</td>
<td>7A</td>
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<td><strong>Cranes: 200 Tons To 300 Tons, Or 250' Of Boom (including Jib With Attachments)</strong></td>
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<td><strong>Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (including Jib With Attachments)</strong></td>
<td>$53.49</td>
<td>7A</td>
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<td><strong>Cranes: Friction 100 Tons Through 199 Tons</strong></td>
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<td><strong>Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons</strong></td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Derrick, On Building Work</td>
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<td>Dozers D-9 &amp; Under</td>
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<td>Drill Oilers: Auger Type, Truck Or Crane Mount</td>
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<td>7A</td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Elevator And Man-lift: Permanent And Shaft Type</td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Finishing Machine, Bidwell And Gamaco &amp; Similar Equipment</td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Forklift: 3000 Lbs And Over With Attachments</td>
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<td>7A</td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Forklifts: Under 3000 Lbs. With Attachments</td>
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<td>Grade Engineer: Using Blue Prints, Cut Sheets, Etc</td>
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<td>Gradechecker/stakeman</td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Guardrail Punch</td>
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<td>Yakima</td>
<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Hard Tail End Dump Articulating Off-Road Equipment 45 Yards &amp; Over</td>
<td>$53.49</td>
<td>7A</td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards</td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Horizontal/directional Drill Locator</td>
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<td>Horizontal/directional Drill Operator</td>
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<td>Yakima</td>
<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Hydralifts/boom Trucks Over 10 Tons</td>
<td>$52.58</td>
<td>7A</td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Hydralifts/boom Trucks, 10 Tons And Under</td>
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<td>7A</td>
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<td>Loader, Overhead 8 Yards. &amp; Over</td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Loader, Overhead, 6 Yards. But Not Including 8 Yards</td>
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<td>7A</td>
<td>3C</td>
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<td>Loaders, Overhead Under 6 Yards</td>
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<td>7A</td>
<td>3C</td>
<td>8P</td>
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<td>Loaders, Plant Feed</td>
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<td>Loaders: Elevating Type Belt</td>
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<td>7A</td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Locomotives, All</td>
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<td>Mechanics, All (leadmen - $0.50 Per Hour Over Mechanic)</td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Motor Patrol Grader - Non-finishing</td>
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<td>7A</td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</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-Underground Sewer &amp; Water</td>
<td>Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield</td>
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<td>7A</td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Oil Distributors, Blower Distribution &amp; Mulch Seeding Operator</td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Outside Hoists (elevators And Manlifts), Air Tuggers,strato</td>
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<td>7A</td>
<td>3C</td>
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<td>Yakima</td>
<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Overhead, Bridge Type Crane: 20 Tons Through 44 Tons</td>
<td>$53.00</td>
<td>7A</td>
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<td>Yakima</td>
<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Overhead, Bridge Type: 100 Tons And Over</td>
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<td>7A</td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Overhead, Bridge Type: 45 Tons Through 99 Tons</td>
<td>$53.49</td>
<td>7A</td>
<td>3C</td>
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<td>Pavement Breaker</td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Pile Driver (other Than Crane Mount)</td>
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<td>Yakima</td>
<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Plant Oilier - Asphalt, Crusher</td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Posthole Digger, Mechanical</td>
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<td>Power Plant</td>
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<td>Pumps - Water</td>
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<td>Quad 9, Hd 41, D10 And Over</td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</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>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Remote Control Operator On Rubber Tired Earth Moving Equipment</td>
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<td>7A</td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Rigger And Bellman</td>
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<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>Rollagon</td>
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<td>7A</td>
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<td>8P</td>
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<td>Yakima</td>
<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Roller, Other Than Plant Mix</td>
<td>$50.22</td>
<td>7A</td>
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<td>8P</td>
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<td>Yakima</td>
<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Roller, Plant Mix Or Multi-lift</td>
<td>$52.58</td>
<td>7A</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
<td>Roto-mill, Roto-grinder</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
<td>Saws - Concrete</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
<td>Scraper, Self Propelled Under 45 Yards</td>
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Overtime Codes

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

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

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

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

   D. The first two (2) hours before or after a five-eight (8) hour 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.
Benefit Code Key – Effective 3-5-2014 thru 8-30-2014

1. 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.

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 make-up days due to conditions beyond the control of the employer) shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.

X. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage. When holiday falls on Saturday or Sunday, the day before Saturday, Friday, and the day after Sunday, Monday, shall be considered the holiday and all work performed shall be paid at double the hourly rate of wage.

Y. All hours worked outside the hours of 5:00 am and 5:00 pm (or such other hours as may be agreed upon by any employer and the employee) and all hours worked in excess of eight (8) hours per day (10 hours per day for a 4 x 10 workweek) and on Saturdays and holidays (except labor day) shall be paid at one and one-half times the hourly rate of wage. (except for employees who are absent from work without prior approval on a scheduled workday during the workweek shall be paid at the straight-time rate until they have worked 8 hours in a day (10 in a 4 x 10 workweek) or 40 hours during that workweek.) All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and Labor Day shall be paid at double the hourly rate of wage.

Z. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid the straight time rate of pay in addition to holiday pay.
2. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

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

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

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

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

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

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.

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, 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.
Benefit Code Key – Effective 3-5-2014 thru 8-30-2014

3. 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.

D. All hours worked between the hours of 6:00 pm and 6:00 am, Monday through Saturday, shall be paid at a premium 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.

F. All hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.

H. All work performed on Sundays between March 16th and October 14th and all Holidays shall be compensated for at two (2) times the regular rate of pay. Work performed on Sundays between October 15th and March 15th shall be compensated at one and one half (1-1/2) times the regular rate of pay.

I. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. In the event the job is down due to weather conditions during a five day work week (Monday through Friday,) or a four day-ten hour work week (Tuesday through Friday,) then Saturday may be worked as a voluntary make-up day at the straight time rate. However, Saturday shall not be utilized as a make-up day when a holiday falls on Friday. 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.

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.

Holiday Codes


**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.

D. Paid Holidays: New Year’s Day, Memorial Day, Independence Day, Labor Day, Veteran’s Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Unpaid Holidays: President’s Day. Any paid holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any paid holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

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.

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.


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.

S. Paid Holidays: New Year’s Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, Christmas Day, The Day After Christmas, And A Floating Holiday (9). 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.

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)

Below is the department's (State L&I's) list of criteria to be used in determining whether a prefabricated item is "standard" or "non-standard". For items not appearing on WSDOT's predetermined list, these criteria shall be used by the Contractor (and the Contractor's subcontractors, agents to subcontractors, suppliers, manufacturers, and fabricators) to determine coverage under RCW 39.12. The production, in the State of Washington, of non-standard items is covered by RCW 39.12, and the production of standard items is not. The production of any item outside the State of Washington is not covered by RCW 39.12.

1. Is the item fabricated for a public works project? If not, it is not subject to RCW 39.12. If it is, go to question 2.

2. Is the item fabricated on the public works jobsite? If it is, the work is covered under RCW 39.12. If not, go to question 3.

3. Is the item fabricated in an assembly/fabrication plant set up for, and dedicated primarily to, the public works project? If it is, the work is covered by RCW 39.12. If not, go to question 4.

4. Does the item require any assembly, cutting, modification or other fabrication by the supplier? If not, the work is not covered by RCW 39.12. If yes, go to question 5.

5. Is the prefabricated item intended for the public works project typically an inventory item which could reasonably be sold on the general market? If not, the work is covered by RCW 39.12. If yes, go to question 6.

6. Does the specific prefabricated item, generally defined as standard, have any unusual characteristics such as shape, type of material, strength requirements, finish, etc? If yes, the work is covered under RCW 39.12.

Any firm with questions regarding the policy, WSDOT's Predetermined List, or for determinations of covered and non-covered workers shall be directed to State L&I at (360) 902-5330.
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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<tbody>
<tr>
<td>1. Metal rectangular frames, solid metal covers, herringbone grates, and bi-directional vaned grates for Catch Basin Types 1, 1L, 1P, and 2 and Concrete Inlets. See Std. Plans</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>2. Metal circular frames (rings) and covers, circular grates, and prefabricated ladders for Manhole Types 1, 2, and 3, Drywell Types 1, 2, and 3 and Catch Basin Type 2. See Std. Plans</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>3. Prefabricated steel grate supports and welded grates, metal frames and dual vaned grates, and Type 1, 2, and 3 structural tubing grates for Drop Inlets. See Std. Plans.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>4. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes smaller than 60 inch diameter.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>5. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes larger than 60 inch diameter.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>6. Corrugated Steel Pipe - Steel lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, 1 thru 5.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>7. Corrugated Aluminum Pipe - Aluminum lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, #5.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
</tr>
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<td>---------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>8. Anchor Bolts &amp; Nuts - Anchor Bolts and Nuts, for mounting sign structures,</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>luminaries and other items, shall be made from commercial bolt stock.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>See Contract Plans and Std. Plans for size and material type.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9. Aluminum Pedestrian Handrail - Pedestrian handrail conforming to the type</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>and material specifications set forth in the contract plans. Welding of</td>
<td></td>
<td></td>
</tr>
<tr>
<td>aluminum shall be in accordance with Section 9-28.14(3).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10. Major Structural Steel Fabrication - Fabrication of major steel items</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>such as trusses, beams, girders, etc., for bridges.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11. Minor Structural Steel Fabrication - Fabrication of minor steel items</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>such as special hangers, brackets, access doors for structures, access</td>
<td></td>
<td></td>
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<tr>
<td>ladders for irrigation boxes, bridge expansion joint systems, etc., involving</td>
<td></td>
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<tr>
<td>welding, cutting, punching and/or boring of holes. See Contact Plans for item</td>
<td></td>
<td></td>
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<tr>
<td>description and shop drawings.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12. Aluminum Bridge Railing Type BP - Metal bridge railing conforming to the</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>type and material specifications set forth in the Contract Plans. Welding of</td>
<td></td>
<td></td>
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<tr>
<td>aluminum shall be in accordance with Section 9-28.14(3).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13. Concrete Piling—Precast-Prestressed concrete piling for use as 55 and</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>70 ton concrete piling. Concrete to conform to Section 9-19.1 of Std. Spec..</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14. Precast Manhole Types 1, 2, and 3 with cones, adjustment sections and flat</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>top slabs. See Std. Plans.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15. Precast Drywell Types 1, 2, and with cones and adjustment sections.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>See Std. Plans.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16. Precast Catch Basin - Catch Basin type 1, 1L, 1P, and 2 With adjustment</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>sections. See Std. Plans.</td>
<td></td>
<td></td>
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<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
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<td>---------------------------------------------------------------------------------</td>
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<tr>
<td>17. Precast Concrete Inlet - with adjustment sections, See Std. Plans</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>18. Precast Drop Inlet Type 1 and 2 with metal grate supports. See Std. Plans.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>19. Precast Grate Inlet Type 2 with extension and top units. See Std. Plans</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>20. Metal frames, vaned grates, and hoods for Combination Inlets. See Std. Plans</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>21. Precast Concrete Utility Vaults - Precast Concrete utility vaults of various sizes. Used for in ground storage of utility facilities and controls. See Contract Plans for size and construction requirements. Shop drawings are to be provided for approval prior to casting</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>22. Vault Risers - For use with Valve Vaults and Utilities Vaults.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>23. Valve Vault - For use with underground utilities. See Contract Plans for details.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>24. Precast Concrete Barrier - Precast Concrete Barrier for use as new barrier or may also be used as Temporary Concrete Barrier. Only new state approved barrier may be used as permanent barrier.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>25. Reinforced Earth Wall Panels - Reinforced Earth Wall Panels in size and shape as shown in the Plans. Fabrication plant has annual approval for methods and materials to be used. See Shop Drawing. Fabrication at other locations may be approved, after facilities inspection, contact HQ. Lab.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>26. Precast Concrete Walls - Precast Concrete Walls - tilt-up wall panel in size and shape as shown in Plans. Fabrication plant has annual approval for methods and materials to be used.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>ITEM</td>
<td>DESCRIPTION</td>
<td>YES</td>
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<td>-----------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>27.</td>
<td>Precast Railroad Crossings - Concrete Crossing Structure Slabs.</td>
<td></td>
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<tr>
<td>28.</td>
<td>12, 18 and 26 inch Standard Precast Prestressed Girder – Standard Precast</td>
<td></td>
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<tr>
<td></td>
<td>Prestressed Girder for use in structures. Fabricator plant has annual</td>
<td></td>
</tr>
<tr>
<td></td>
<td>approval of methods and materials to be used. Shop Drawing to be provided</td>
<td></td>
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<td></td>
<td>for approval prior to casting girders.</td>
<td></td>
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<tr>
<td></td>
<td>See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
</tr>
<tr>
<td>29.</td>
<td>Prestressed Concrete Girder Series 4-14 - Prestressed Concrete Girder for</td>
<td></td>
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<tr>
<td></td>
<td>use in structures. Fabricator plant has annual approval of methods and</td>
<td></td>
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<tr>
<td></td>
<td>materials to be used. Shop Drawing to be provided for approval prior to</td>
<td></td>
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<tr>
<td></td>
<td>casting girders.</td>
<td></td>
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<tr>
<td></td>
<td>See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
</tr>
<tr>
<td>30.</td>
<td>Prestressed Tri-Beam Girder - Prestressed Tri-Beam Girders for use in</td>
<td></td>
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<td></td>
<td>structures. Fabricator plant has annual approval of methods and materials</td>
<td></td>
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<tr>
<td></td>
<td>to be used. Shop Drawing to be provided for approval prior to casting</td>
<td></td>
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<tr>
<td></td>
<td>girders.</td>
<td></td>
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<tr>
<td></td>
<td>See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
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<tr>
<td>31.</td>
<td>Prestressed Precast Hollow-Core Slab – Precast Prestressed Hollow-core</td>
<td></td>
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<tr>
<td></td>
<td>slab for use in structures. Fabricator plant has annual approval of</td>
<td></td>
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<td></td>
<td>methods and materials to be used. Shop Drawing to be provided for approval</td>
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<td></td>
<td>prior to casting girders.</td>
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<tr>
<td></td>
<td>See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
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<tr>
<td>32.</td>
<td>Prestressed-Bulb Tee Girder - Bulb Tee Prestressed Girder for use in</td>
<td></td>
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<td></td>
<td>structures. Fabricator plant has annual approval of methods and materials</td>
<td></td>
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<tr>
<td></td>
<td>to be used. Shop Drawing to be provided for approval prior to casting</td>
<td></td>
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<tr>
<td></td>
<td>girders.</td>
<td></td>
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<tr>
<td></td>
<td>See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
</tr>
<tr>
<td>33.</td>
<td>Monument Case and Cover</td>
<td></td>
</tr>
<tr>
<td></td>
<td>See Std. Plan.</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>X</td>
<td></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-138 for Aluminum Alloys. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>37. Steel Sign Post - Fabricated Steel Sign Posts as detailed in Std Plans. Shop drawings for approval are to be provided prior to fabrication</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>38. Light Standard-Prestressed - Spun, prestressed, hollow concrete poles.</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>39. Light Standards - Lighting Standards for use on highway illumination systems, poles to be fabricated to conform with methods and materials as specified on Std. Plans. See Special Provisions for pre-approved drawings.</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>40. Traffic Signal Standards - Traffic Signal Standards for use on highway and/or street signal systems. Standards to be fabricated to conform with methods and material as specified on Std. Plans. See Special Provisions for pre-approved drawings.</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>41. Precast Concrete Sloped Mountable Curb (Single and DualFaced) See Std. Plans.</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
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<td>----------------------------------------------------------------------------------</td>
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<tr>
<td>42. Traffic Signs - Prior to approval of a Fabricator of Traffic Signs, the sources of the following materials must be submitted and approved for reflective sheeting, legend material, and aluminum sheeting. <strong>NOTE:</strong> Fabrication inspection required. Only signs tagged &quot;Fabrication Approved&quot; by WSDOT Sign Fabrication Inspector to be installed</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>43. Cutting &amp; bending reinforcing steel</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>44. Guardrail components</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>45. Aggregates/Concrete mixes</td>
<td></td>
<td></td>
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<tr>
<td>46. Asphalt</td>
<td></td>
<td></td>
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<tr>
<td>47. Fiber fabrics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>48. Electrical wiring/components</td>
<td></td>
<td></td>
</tr>
<tr>
<td>49. treated or untreated timber pile</td>
<td></td>
<td></td>
</tr>
<tr>
<td>50. Girder pads (elastomeric bearing)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>51. Standard Dimension lumber</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>52. Irrigation components</td>
<td></td>
<td>X</td>
</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>53. Fencing materials</td>
<td></td>
<td>X</td>
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<tr>
<td>54. Guide Posts</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>55. Traffic Buttons</td>
<td></td>
<td>X</td>
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<tr>
<td>56. Epoxy</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>57. Cribbing</td>
<td></td>
<td>X</td>
</tr>
<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>

Prefabricated items specifically produced for public works projects that are prefabricated in a county other than the county wherein the public works project is to be completed, the wage for the offsite prefabrication shall be the applicable prevailing wage for the county in which the actual prefabrication takes place.

It is the manufacturer of the prefabricated product to verify that the correct county wage rates are applied to work they perform.

See RCW 39.12.010
(The definition of "locality" in RCW 39.12.010(2) contains the phrase "wherein the physical work is being performed." The department interprets this phrase to mean the actual work site.)
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.

- Building Service Employees
- Electrical Fixture Maintenance Workers
- Electricians - Motor Shop
- Heating Equipment Mechanics
- Industrial Engine and Machine Mechanics
- Industrial Power Vacuum Cleaners
- Inspection, Cleaning, Sealing of Water Systems by Remote Control
- Laborers - Underground Sewer & Water
- Machinists (Hydroelectric Site Work)
- Modular Buildings
- Playground & Park Equipment Installers
- Power Equipment Operators - Underground Sewer & Water
- Residential *** ALL ASSOCIATED RATES ***
- Sign Makers and Installers (Non-Electrical)
- Sign Makers and Installers (Electrical)
- Stage Rigging Mechanics (Non Structural)

The following occupations may be used only as outlined in the preceding text concerning "WSDOT's list for Suppliers - Manufacturers - Fabricators"

- Fabricated Precast Concrete Products
- Metal Fabrication (In Shop)

Definitions for the Scope of Work for prevailing wages may be found at the Washington State Department of Labor and Industries web site and in WAC Chapter 296-127.
Coverage and exemptions of workers involved in the production and delivery of gravel, concrete, asphalt, or similar materials.

(1) The materials covered under this section include but are not limited to: sand, gravel, crushed rock, concrete, asphalt, or other similar materials.

(2) All workers, regardless of by whom employed, are subject to the provisions of chapter 39.12 RCW when they perform any or all of the following functions:

(a) They deliver or discharge any of the above-listed materials to a public works project site:

(i) At one or more point(s) directly upon the location where the material will be incorporated into the project; or

(ii) At multiple points at the project; or

(iii) Adjacent to the location and coordinated with the incorporation of those materials.

(b) They wait at or near a public works project site to perform any tasks subject to this section of the rule.

(c) They remove any materials from a public works construction site pursuant to contract requirements or specifications (e.g., excavated materials, materials from demolished structures, clean-up materials, etc.).

(d) They work in a materials production facility (e.g., batch plant, borrow pit, rock quarry, etc.) which is established for a public works project for the specific, but not necessarily exclusive, purpose of supplying materials for the project.

(e) They deliver concrete to a public works site regardless of the method of incorporation.

(f) They assist or participate in the incorporation of any materials into the public works project.
(3) All travel time that relates to the work covered under subsection (2) of this section requires the payment of prevailing wages. Travel time includes time spent waiting to load, loading, transporting, waiting to unload, and delivering materials. Travel time would include all time spent in travel in support of a public works project whether the vehicle is empty or full. For example, travel time spent returning to a supply source to obtain another load of 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.]
IMPROVEMENT PLANS