CONTRACT
SPECIFICATIONS

WEST WAPATO ROAD
OVERLAY
(M.P.0.04 TO M.P. 2.37)

Yakima County Public Services Project Number

RC3533
CERTIFICATE

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

COUNTY ENGINEER

DATE: 8/20/14
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DELIVERY OF PROPOSALS

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

Office of the County Engineer of Yakima County, 4th Floor, Yakima County Courthouse, Yakima, Washington 98901 until 2:00 p.m. of the bid opening date.

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

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

DATE OF OPENING BIDS

The bid opening date for this project shall be **September 10, 2014**

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

Public Services Conference Room, Room 419, 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**
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.

[Signature]

[Seal]

GARY N. EKSTEDT, P.E.
COUNTY ENGINEER
PROPOSAL

This certifies that the undersigned has examined the location of:

**RC 3533, West Wapato Road Overlay**

and that the Plans, Specifications and Contract governing the work embraced in this improvement, 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 this improvement, or as much as can be completed with the money available, in accordance with the said Plans, Specifications, and Contract, and the following schedule of rates and prices:

**NOTE:** Unit Prices for all items, all extensions, and total amount of bid shall be shown, Sales Tax shall be included in Unit Prices. No oral, telephonic, facsimile, or telegraphic Bids or modifications shall be considered or accepted.

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Approx. Quantity</th>
<th>Unit</th>
<th>Unit Price</th>
<th>Total Item Amt.</th>
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<td>L.S.</td>
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<td>$</td>
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<td>454</td>
<td>S.P.</td>
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**TOTAL BID AMOUNT:** $   
PROPOSAL – Continued

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

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

CASH [ ] IN THE AMOUNT OF ____________________

CASHIER’S CHECK [ ] _______________________________ DOLLARS

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

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

Bidder acknowledges receipt of the following Addendum’s:

No. Date

[ ]

The undersigned has telephoned the Office of the Yakima County Engineer for verification of the number of Addendum’s issued.

SIGNATURE OF AUTHORIZED OFFICIAL(S)

Title: ________________________________

Firm Name: ________________________________

Address: ________________________________

Phone No.: ________________________________

Washington Registration No.: ________________________________

Federal ID Tax No.: ________________________________

DBA: ________________________________

E-Mail Address: ________________________________

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

______________________________

NOTARY PUBLIC

My appointment expires ________________________________ (Seal and Stamp)

State of ________________________________ County of ________________________________

NOTE: (1) This proposal is not transferable and any alteration of the firm’s name entered hereon without prior permission from the County Engineer shall be cause for considering the proposal irregular and subsequent rejection of the bid.

(2) Please refer to Section 1-02.6 of the Standard Specifications, re: “Preparation of Proposal” or “Article 4” of the Instruction to Bidders for building construction jobs.

(3) Should it be necessary to modify this proposal either in writing or by electronic means, please make reference to the following proposal number in your communications; RC 3533.
LETTER OF RESPONSIBILITY

Date: ____________________
County Road Project No.: RC 3533

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

Dear Sirs:

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

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

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

DESCRIPTION OF WORK:

C 3533 – WEST WAPATO ROAD OVERLAY (M.P. 0.04 TO M.P. 2.37)

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.

CASH [ ] IN THE AMOUNT OF ____________ DOLLARS

CASHIER’S CHECK [ ] ________________________________ DOLLARS
DEFINITION OF TERMS

In interpreting these specifications, the following definitions shall prevail:


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

BOARD: The Board of County Commissioners of Yakima County.

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

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

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

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

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

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

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

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

AMOUNT OF THE CONTRACT: For the purpose of awarding the contract and determining the amount of the bond, the lump sum bid, or the summation of the products of the approximate quantities shown on the plans or otherwise stated by the unit prices will be considered the total amount of the bid and the full amount of the contract price.
NON-COLLUSION DECLARATION

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

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

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

NOTICE TO ALL BIDDERS

To report bid rigging activities call:

1-800-424-9071

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

The “hotline” is part of USDOT’s continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the USDOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.
Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion
Lower Tier Covered Transactions

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

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

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

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

Name and Title of Authorized Representative

______________________________
Signature

______________________________
Date
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 RC 3533 – West Wapato Road Overlay, 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 Contractor

Print or Type Name of Person Signing

Title

Foregoing Contract approved and ratified

______________, 20__

Surety

Attorney in fact

RC 3533
West Wapato Road Overlay

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 L. Girard

Approved as to form:

Deputy Prosecuting Attorney
PERFORMANCE BOND
(RCW 39.08)

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

THE CONDITION of this bond is such that WHEREAS, on ________________, 20____, the PRINCIPAL executed a certain Contract with the County, by the terms of which PRINCIPAL agrees to furnish all material and labor and will undertake and complete the construction of for RC 3533 – West Wapato Road Overlay according to the maps, plans and specifications made a part of said Contract, which Contract is attached hereto and by this reference is incorporated herein and made a part hereof. FURTHER, the SURETY agrees to be bound by the laws of the State of Washington and subjected to the jurisdiction of the State of Washington.

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

Dated this ____ day of ________________, 20____

PRINCIPAL

By: __________________________

Title: __________________________

SURETY

By: __________________________

Attorney-in-Fact

Name of Local Office of Agent

Address of Local Office Agent

BOND NUMBER

YAKIMA COUNTY CONTRACT NUMBER

APPROVED: YAKIMA COUNTY

Chair of the Board of
Yakima County Commissioners

Date: ________________, 20____

Approved as to form:

Deputy Prosecuting Attorney
Amendments to Standard Specifications
AMENDMENTS TO THE STANDARD SPECIFICATIONS

RC3533 – WEST WAPATO ROAD OVERLAY
Yakima County, Washington

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.

1-01.AP1

Section 1-01, Definitions and Terms
August 4, 2014

1-01.3 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.
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.

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

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.

1-04.4(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.AP1

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.AP1

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.

1-10.AP1

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 Flagger 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)J 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.
2-01.AP2

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:

| 9-03.8(2) | HMA Aggregate |  | 15 | 15 Uncompacted Void Content 15 |

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5-01.AP5

Section 5-01, Cement Concrete Pavement Rehabilitation
August 4, 2014

5-01.2 Materials
The referenced section for the following item is revised to read:

Dowel Bars 9-07.5

5-01.3(4) Replace Portland Cement Concrete Panel
In the third paragraph, the last sentence is deleted.

The seventeenth paragraph (beginning with “The Contractor shall place a bond-breaking material…” ) is deleted.

5-02.AP5

Section 5-02, Bituminous Surface Treatment
August 4, 2014

5-02.3(11) Temporary Raised Pavement Markings
This section’s title is revised to read:

Temporary Pavement Markings

The word “raised” is deleted from this section.

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 sublot 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 sublot.
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.

5-05.AP5

Section 5-05, Cement Concrete Pavement
August 4, 2014

5-05.3(1) Concrete Mix Design for Paving
The second and third rows of the table in item number 3 are revised to read:

<table>
<thead>
<tr>
<th></th>
<th>+ 30 Pounds</th>
<th>- 30 Pounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coarse Aggregate</td>
<td>+ 30 Pounds</td>
<td>- 30 Pounds</td>
</tr>
<tr>
<td>Fine Aggregate</td>
<td>+ 30 Pounds</td>
<td>- 30 Pounds</td>
</tr>
</tbody>
</table>

5-05.4 Measurement
The fourth paragraph is supplemented with the following new sentence:

Tie bars with drill holes in cement concrete pavement placed under the Contract will not be measured.

5-05.5 Payment
The paragraph following the Bid item “Tie Bar with Drill Hole”, per each is supplemented with the following new sentence:

All costs for tie bars with drill holes in cement concrete pavement placed under the Contract shall be included in the unit Contract price per cubic yard for “Cement Conc. Pavement”.

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 refinishing 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 conforming to Federal Specification MIL-I-22110C in the ducts.
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.

6-03.AP6

Section 6-03, Steel Structures
August 4, 2014

6-03.3(25)A3 Ultrasonic Inspection
The following new paragraph is inserted before the last paragraph:

A minimum of 30 percent of complete penetration vertical welds on steel column jackets thicker than 5/16-inch, within 1.50 column jacket diameter of the top and bottom of each column, shall be inspected. If any rejectable flaws are found, 100 percent of the weld within the specified limits shall be inspected. The largest column cross section diameter for tapered column jackets shall constitute one column jacket diameter.

6-03.3(25)A4 Magnetic Particle Inspection
Items number 3 and 4 are revised to read:

3. Complete penetration groove welds on plates 5/16-inch or thinner (excluding steel column jackets) shall be 100 percent tested by the magnetic particle method. Testing shall apply to both sides of the weld, if backing plate is not used. The ends of each complete penetration groove weld at plate edges shall be tested by the magnetic particle method.

4. A minimum of 30 percent of complete penetration vertical welds on steel column jackets 5/16-inch or thinner, within 1.50 column jacket diameters of the top and bottom of each column, shall be magnetic particle inspected. The largest column cross section diameter for tapered column jackets shall constitute one column jacket diameter.

The last paragraph is supplemented with the following new sentence:

If any rejectable flaws are found in any test length of item 4 above, 100 percent of the weld within the specified limits shall be inspected.

6-03.3(29) Welded Shear Connectors
This section’s content is deleted and replaced with the following:
Installation, production control, and inspection of welded shear connectors shall conform to Chapter 7 of the AASHTO/AWS D1.5M/D1.5:2010 Bridge Welding Code. If welded shear connectors are installed in the shop, installation shall be completed prior to applying the shop primer coat in accordance with Section 6-07.3(9)G. If welded shear connectors are installed in the field to a surface prepared in accordance with Section 6-07.3(9)G, no further surface preparation is necessary provided the shear connectors pass the production control testing required by Chapter 7 of the AASHTO/AWS D1.5M/D1.5:2010 Bridge Welding Code.

6-05.AP6

Section 6-05, Piling
March 3, 2014

6-05.3(4) Manufacture of Steel Casings for Cast-In-Place Concrete Piles
This section is revised to read:

The diameter of steel casings shall be as specified in the Contract. A full-penetration groove weld between welded edges is required.

6-05.3(5) Manufacture of Steel Piles
This section is revised to read:

Steel piles shall be made of rolled steel H-pile sections, steel pipe piles, or of other structural steel sections described in the Contract. A full-penetration groove weld between welded edges is required.

6-05.3(6) Splicing Steel Casings and Steel Piles
This section is revised to read:

The Engineer will normally permit steel piles and steel casings for cast-in-place concrete piles to be spliced. But in each case, the Contractor shall obtain approval on the need and the method for splicing. Welded splices shall be spaced at a minimum distance of 10 feet. Only welded splices will be permitted.

Splice welds for steel piles shall comply with Section 6-03.3(25) and AWS D1.1/D1.1M, latest edition, Structural Welding Code. Splicing of steel piles shall be performed in accordance with an approved weld procedure. The Contractor shall submit a weld procedure to the Engineer for approval prior to welding. For ASTM A 252 material, mill certification for each lot of pipe to be welded shall accompany the submittal. The ends of all steel pipe piling shall meet the fit-up requirements of AWS D1.1/D1.1M, latest edition, Structural Welding Code Section 5.22.3.1, “Girth Weld Alignment (Tubular),” when the material is spliced utilizing a girth weld.

Splice welds of steel casings for cast-in-place concrete piles shall be the Contractor’s responsibility and shall be welded in accordance with AWS D1.1/D1.1M, latest edition, Structural Welding Code. A weld procedure submittal is not required for steel casings used for cast-in-place concrete piles. Casings that collapse or are not watertight, shall be replaced at the Contractor’s expense.
Section 6-07. Painting
January 6, 2014

6-07.3(10)E Surface Preparation – Full Paint Removal
This section is revised to read:

For structures where full removal of existing paint is specified, the Contractor shall remove any visible oil, grease, and road tar in accordance with SSPC-SP 1.

Following preparation by SSPC-SP 1, all steel surfaces to be painted shall be prepared in accordance with SSPC-SP 10, near-white metal blast cleaning. Surfaces inaccessible to near-white metal blast cleaning shall be prepared in accordance with SSPC-SP 11, power tool cleaning to bare metal, as allowed by the Engineer.

6-14.AP6

Section 6-14, Geosynthetic Retaining Walls
April 7, 2014

6-14.2 Materials
In the first paragraph, the section number next to “Anchor rods and associated nuts, washers and couplers” is revised to read:

9-06.5(4)

The following new paragraph is inserted after the first paragraph:

Anchor plate shall conform to ASTM A 36, ASTM A 572 Grade 50, or ASTM A 588.

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.

8-02.AP8

Section 8-02, Roadside Restoration
August 4, 2014

8-02.3(1) Responsibility During Construction
The last sentence of the second paragraph is revised to read:

This Work shall include keeping the planted and seeded areas free from insect infestation, weeds or unwanted vegetation, litter, and other debris along with retaining the finished grades and mulch in a neat uniform condition.

8-02.3(2) Roadside Work Plan
This section’s title is revised to read:

Work Plans

This section’s content is deleted in its entirety and replaced with the following new subsections:

8-02.3(2)A Roadside Work Plan
Before starting any Work that disturbs the earth and as described in Sections 8-01, 8-02 and 8-03, the Contractor shall submit a roadside work plan. The roadside work plan shall be submitted as a Type 1 Working Drawing and shall define the Work necessary to provide all Contract requirements, including: wetland excavation, soil preparation, habitat structure placement, planting area preparation, seeding area preparation, bark mulch and compost placement, seeding, planting, plant replacement, irrigation, and weed control in narrative form.

The Roadside Work Plan shall also include a copy of the approved progress schedule.
8-02.3(2)B Weed and Pest Control Plan
The Weed and Pest Control Plan shall be submitted as a Type 1 Working Drawing. The weed and pest control plan shall include scheduling and methods of all control measures required under the Contract or proposed by the Contractor including soil preparation methods to meet the required soil surface conditions in the planting, bark mulch, and wetland areas. The weed control plan shall show general weed control including hand, mechanical and chemical methods, timing, application of herbicides including type, rate, use and timing, mowing, and noxious weed control. Target weeds and unwanted vegetation to be removed shall be identified and listed in the weed control plan.

The plan shall be prepared and signed by a licensed Commercial Pest Control Operator or Consultant when chemical pesticides are proposed. The plan shall include methods of weed control; dates of weed control operations; and the name, application rate, and Material Safety Data Sheets of all proposed herbicides. In addition, the Contractor shall furnish the Engineer with a copy of the current product label for each pesticide and spray adjuvant to be used. These product labels shall be submitted with the weed control plan for approval.

8-02.3(2)C Plant Establishment Plan
The Plant Establishment Plan shall be prepared in accordance with the requirements of Section 8-02.3(13) and submitted as a Type 1 Working Drawing. The Plan shall show the proposed scheduling of activities, materials, equipment to be utilized for the first-year plant establishment, and an emergency contact person. The Plan shall include the management of the irrigation system, when applicable. Should the plan become unworkable at any time during the first-year plant establishment, the Contractor shall submit a revised plan prior to proceeding with further Work.

8-02.3(3) Weed and Pest Control
This section is supplemented with the following new paragraph:

Grass, including grass applied in accordance with Section 8-01, growing within the mulch ring of a plant shall be considered a weed and be controlled on the project in accordance with the weed and pest control plan.

8-02.3(4) Topsoil
The last sentence of the first paragraph is revised to read:

After the topsoil has been spread, all large clods, hard lumps, and rocks 2 inches in diameter and larger, and litter shall be raked up, removed, and disposed of by the Contractor.

The following new paragraph is inserted after the first paragraph:

Topsoil stockpiled for project use shall be protected to prevent erosion and weed growth. Weed growth on topsoil stockpile sites shall be immediately eliminated in accordance with the approved Weed and Pest Control Plan.

8-02.3(4)C Topsoil Type C
The last sentence is revised to read:

Topsoil Type C shall meet the requirements of Sections 8-02.3(4), 8-02.3(4)B, and 9-14.1(3).

8-02.3(13) Plant Establishment
The first sentence of the second paragraph is deleted.
The second paragraph is supplemented with the following new sentence:

The 1 calendar year shall be extended an amount equal to any periods where the Contractor does not comply with the plant establishment plan.

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

During the first year of plant establishment under PSIPE (Plant Selection Including Plant Establishment), the Contractor shall meet monthly with the Engineer for the purpose of joint inspection of the planting material on a mutually agreed upon schedule.

8-02.5 Payment

The paragraph following the bid item “Topsoil Type ____”, per acre is revised to read:

The unit Contract price per acre for “Topsoil Type ____” shall be full payment for all costs for the specified Work.

The bid item “Plant Establishment - ____ Year” 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 “¼-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.
Section 8-09, Raised Pavement Markers
April 7, 2014

8-09.3(6) Recessed Pavement Marker
The following sentence is inserted after the first sentence of the first paragraph:

The Contractor shall ensure that grinding of the pavement does not result in any damage, (e.g. chipping, spalling or raveling) to the pavement to remain.

8-11.AP8

Section 8-11, Guardrail
April 7, 2014

8-11.3(1) Beam Guardrail

After the below Amendments to 8-11.3(1)F and 8-11.3(1)G are applied, this section is supplemented with the following new sub-section:

8-11.3(1)F Removing and Resetting Beam Guardrail
The Contractor shall remove and reset existing guardrail posts, rail element, hardware and blocks to the location shown in the Plans. The mounting height of reset rail element shall be at the height shown in the Plans. The void caused by the removal of the post shall be backfilled and compacted.

The Contractor shall remove and replace any existing guardrail posts and blocks that are not suited for re-use, as staked by the Engineer. The void caused by the removal of the post shall be backfilled and compacted. The Contractor shall then furnish and install a new guardrail post to provide the necessary mounting height.

8-11.3(1)A Erection of Posts
The second paragraph in this section is deleted.

8-11.3(1)C Terminal and Anchor Installation
The last sentence in the last paragraph is deleted.

8-11.3(1)F Plans
This section number is revised to:

8-11.3(1)G

8-11.3(1)G Guardrail Construction Exposed to Traffic
This section number is revised to:

8-11.3(1)H
Section 8-18, Mailbox Support
August 4, 2014

8-18.3(1) Type 3 Mailbox Support
In the third paragraph, the first sentence is revised to read:

With the Engineer's consent, a Type 3 Mailbox Support design, made of steel or other durable material, that meets the NCHRP 350 or the Manual for Assessing Safety Hardware (MASH) crash test criteria may be used in place of the design shown in the Standard Plans.

Section 8-20, Illumination, Traffic Signal Systems, Intelligent Transportation Systems, and Electrical
August 4, 2014

8-20.2(1) Equipment List and Drawings
The fifth paragraph is revised to read:

The Contractor will not be required to submit shop drawings for approval for light standards and traffic signal standards conforming to the preapproved plans listed in the Special Provisions. The Contractor may use preapproved plans posted on the WSDOT website with a more current revision date than published in the Special Provisions.

8-20.3(8) Wiring
The second sentence in the eleventh paragraph is revised to read:

Every conductor at every wire termination, connector, or device shall have an approved wire marking sleeve bearing, as its legend, the circuit number indicated in the Contract.

8-20.3(13)A Light Standards
In the third paragraph, the last sentence of item number 1 is revised to read:

Conduit shall extend a maximum of 1 inch above the top of the foundation, including grounding end bushing or end bell bushing.

In the fourth paragraph, the second sentence of item number 1 is revised to read:

Conduits shall be cut to a maximum height of 2 inches above the foundation including grounding end bushing or end bell bushing.

Section 8-23, Temporary Pavement Markings
April 14, 2014

This section's content is deleted in its entirety and replaced with the following new sub-sections:
8-23.1 Description
The Work consists of furnishing, installing, and removing temporary pavement markings. Temporary pavement markings shall be provided where noted in the Plans; for all lane shifts and detours resulting from construction activities; or when permanent markings are removed because of construction operations.

8-23.2 Materials
Materials for temporary markings shall be paint, plastic, tape, raised pavement markers or flexible raised pavement markers. Materials for pavement markings shall meet the following requirements:

<table>
<thead>
<tr>
<th>Material</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Raised Pavement Markers</td>
<td>9-21</td>
</tr>
<tr>
<td>Temporary Marking Paint</td>
<td>9-34.2(6)</td>
</tr>
<tr>
<td>Plastic</td>
<td>9-34.3</td>
</tr>
<tr>
<td>Glass Beads for Pavement Marking Materials</td>
<td>9-34.4</td>
</tr>
<tr>
<td>Temporary Pavement Marking Tape</td>
<td>9-34.5</td>
</tr>
<tr>
<td>Temporary Flexible Raised Pavement Markers</td>
<td>9-34.6</td>
</tr>
</tbody>
</table>

8.23.3 Construction Requirements

8-23.3(1) General
The Contractor shall select the type of pavement marking material in accordance with the Contract.

8-23.3(2) Preliminary Spotting
All preliminary layout and marking in preparation for application or removal of temporary pavement markings shall be the responsibility of the Contractor.

8-23.3(3) Preparation of Roadway Surface
Surface preparation for temporary pavement markings shall be in accordance with the manufacturer’s recommendations.

8-23.3(4) Pavement Marking Application

8-23.3(4)(A) Temporary Pavement Markings – Short Duration
Temporary pavement markings – short duration shall meet the following requirements:

Temporary Center Line – A BROKEN line used to delineate adjacent lanes of traffic moving in opposite directions. The broken pattern shall be based on a 40-foot unit, consisting of a 4-foot line with a 36-foot gap if paint or tape is used. If temporary raised pavement markers are used, the pattern shall be based on a 40-foot unit, consisting of a grouping of three temporary raised pavement markers, each spaced 3 feet apart, with a 34 foot gap.

Temporary Edge Line – A SOLID line used on the edges of Traveled Way. The line shall be continuous if paint or tape is used. If temporary raised pavement markers are used, the line shall consist of markers installed continuously at 5-foot spacing.

Temporary Lane Line – A BROKEN line used to delineate adjacent lanes with traffic traveling in the same direction. The broken pattern shall be based on a 40-foot unit, consisting of a 4-foot line with a 36-foot gap, if paint or tape is used. If temporary raised
pavement markers are used, the pattern shall be based on a 40-foot unit, consisting of a
grouping of three temporary raised pavement markers, each spaced 3 feet apart, with a
34 foot gap.

Lane line and right edge line shall be white in color. Center line and left edge line shall be
yellow in color. Edge lines shall be installed only if specifically required in the Contract. All
temporary pavement markings shall be retroreflective.

8-23.3(4)A1 Temporary Pavement Marking Paint
Paint used for short duration temporary pavement markings shall be applied in one
application at a thickness of 15 mils or 108 square feet per gallon. Glass beads shall be in
accordance with Section 8-22.3(3)G.

8-23.3(4)A2 Temporary Pavement Marking Tape
Application of temporary pavement marking tape shall be in conformance with the
manufacturer’s recommendations.

Black mask pavement marking tape shall mask the existing line in its entirety.

8-23.3(4)A3 Temporary Raised Pavement Markers
Temporary raised pavement markers are not allowed on bituminous surface treatments.

8-23.3(4)A4 Temporary Flexible Raised Pavement Markers
Flexible raised pavement markers are required for new applications of bituminous
surface treatments. Flexible raised pavement markers are not allowed on other pavement
types unless otherwise specified or approved by the Engineer. Flexible raised pavement
markers shall be installed with the protective cover in place. The cover shall be removed
immediately after spraying asphaltic material.

8-23.3(4)B Temporary Pavement Markings – Long Duration
Application of paint, pavement marking tape and plastic for long duration pavement
markings shall meet the requirements of Section 8-22.3(3); application of raised pavement
markers shall meet the requirements of Section 8-09.3; and application of flexible pavement
markings shall be in conformance with the manufacturer’s recommendations.

8-23.3(4)C Tolerance for Lines
Tolerance for lines shall conform to Section 8-22.3(4).

8-23.3(4)D Maintenance of Pavement Markings
Temporary pavement markings shall be maintained in serviceable condition throughout the
project until permanent pavement markings are installed. As directed by the Engineer;
temporary pavement markings that are damaged, including normal wear by traffic, shall be
repaired or replaced immediately. Repaired and replaced pavement markings shall meet the
requirements for the original pavement marking.

8-23.3(4)E Removal of Pavement Markings
Removal of temporary paint is not required prior to paving; all other temporary pavement
markings shall be removed.
All temporary pavement markings that are required on the wearing course prior to
construction of permanent pavement markings and are not a part of the permanent markings
shall be completely removed concurrent with or immediately subsequent to the construction
of the permanent pavement markings. Temporary flexible raised pavement markers on
bituminous surface treatment pavements shall be cut off flush with the surface if their
location conflicts with the alignment of the permanent pavement markings.

All damage to the permanent Work caused by removing temporary pavement markings shall
be repaired by the Contractor at no additional cost to the Contracting Agency.

8-23.4 Measurement
Temporary pavement markings will be measured by the linear foot of each installed line or grouping
of markers, with no deduction for gaps in the line or markers and no additional measurement for the
second application of paint required for long duration paint lines. Short duration and long duration
temporary pavement markings will be measured for the initial installation only; maintenance of lines
will not be measured.

8-23.5 Payment
Payment will be made in accordance with Section 1-04.1, for each of the following Bid items that are
included in the Proposal:

“Temporary Pavement Marking – Short Duration”, per linear foot.

“Temporary Pavement Marking – Long Duration”, per linear foot.

The unit Contract price per linear foot for “Temporary Pavement Marking – Short Duration” and
“Temporary Pavement Marking – Long Duration” shall be full pay for all Work.

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.

<table>
<thead>
<tr>
<th>Soil Plasticity Table</th>
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<tbody>
<tr>
<td></td>
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<tr>
<td></td>
</tr>
<tr>
<td>Option</td>
</tr>
<tr>
<td>--------</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</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>

Amendments
Revised 8/4/14
Section 9-05, Drainage Structures and Culverts  
April 7, 2014

9.05.13 Ductile Iron Sewer Pipe
The first paragraph is deleted.

9.07.AP9

Section 9-07, Reinforcing Steel
January 6, 2014

9.07.5(2) Corrosion Resistant Dowel Bars (for Cement Concrete Pavement)
This section’s title is revised to read:

9.07.5(2) Corrosion Resistant Dowel Bars (for Cement Concrete Pavement and Cement Concrete Pavement Rehabilitation)

9.09.AP9

Section 9-09, Timber and Lumber
January 6, 2014

9.09.3(1) General Requirements
The fourth paragraph is revised to read:

All orders of treated timber and lumber shall be accompanied by a Certificate of Treatment record. The Certificate of Treatment showing conformance to this specification and AWPA standards shall include the following information:
Name and location of the wood preserving company,
Customer identification,
Date of treatment and charge number,
Type of chemical used and amount of retention,
Treating process and identification of the Specification used,
Boring records verifying treatment penetration for timber and lumber with a nominal dimension of 6” x 6” or larger,
Description of material that was treated, and
Signature of a responsible plant official.

The fifth paragraph is deleted.

The first sentence in the last paragraph is revised to read:
All timber and lumber to be used in aquatic environments, unless specified otherwise in the Contract, shall be chemically treated using Western Wood Preservers Institute Best Management Practices (BMPs).
9-10.AP9

Section 9-10, Piling
March 3, 2014

9-10.5 Steel Piling
This section is revised to read:

The material for rolled steel piling H-piling and pile splices shall conform to ASTM A 36, ASTM A 572 or ASTM A 992. The material for steel pipe piling and splices shall conform to one of the following requirements except as specifically noted in the Plans:

1. API 5L Grade X42 or X52 material may be used for longitudinal seam welded or helical (spiral) seam submerged-arc welded pipe piles of any diameter.

2. ASTM A 252 Grade 2 or 3 material may be used for longitudinal seam welded or helical (spiral) seam submerged-arc welded pipe piles of any diameter. For the purposes of welding and prequalification of base metal, steel pipe pile designated as ASTM A 252 may be treated as prequalified provided the chemical composition conforms to a prequalified base metal classification listed in Table 3.1 of the AWS D1.1/D1.1M, latest edition, Structural Welding Code, the grade of pipe piling meets or exceeds the grade specified in the Plans, and the carbon equivalent (CE) is a maximum of 0.45-percent.

3. ASTM A 572 or ASTM A 588 material may be used for longitudinal seam welded piles of any diameter.

For helical (spiral) seam submerged-arc welded pipe piles, the maximum radial offset of strip/plate edges shall be 1/8 inch. The offset shall be transitioned with a taper weld and the slope shall not be less than a 1 in 2.5 taper. The weld reinforcement shall not be greater than 3/16 inches and misalignment of weld beads shall not exceed 1/8 inch.

Steel soldier piles, and associated steel bars and plates, shall conform to ASTM A 36, ASTM A 572 or ASTM A 992, except as otherwise noted in the Plans.

All steel piling may be accepted by the Engineer based on the Manufacturer’s Certificate of Compliance submitted in accordance with Section 1-06.3. The manufacturer’s certificate of compliance submittal for steel pipe piles shall be accompanied by certified mill test reports, including chemical analysis and carbon equivalence, for each heat of steel used to fabricate the steel pipe piling.

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 (CaSO₄·2H₂O) 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.

9-15.AP9

Section 9-15, Irrigation System
August 4, 2014

9-15.18 Detectable Marking Tape
In the second paragraph, the table is supplemented with the following new row:

| Non-Potable Water | Purple |

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.

9-29.AP9

Section 9-29, Illumination, Signal, Electrical
August 4, 2014

9-29.2(1)B Heavy Duty Junction Boxes
The second paragraph is revised to read:

The Heavy-Duty Junction Box steel frame, lid support and lid fabricated from steel plate and shapes shall be painted with a shop applied, inorganic zinc primer in accordance with Section 6-07.3. Ductile iron and gray iron castings shall not be painted.

The following new paragraph is inserted after the second paragraph:
The concrete used in Heavy-Duty Junction Boxes shall have a minimum compressive strength of 4,000 psi.

In the fourth paragraph (after the preceding Amendment is applied), the table is revised to read:

<table>
<thead>
<tr>
<th>Materials</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concrete</td>
<td>Section 6-02</td>
</tr>
<tr>
<td>Reinforcing Steel</td>
<td>Section 9-07</td>
</tr>
<tr>
<td>Lid</td>
<td>ASTM A 786 diamond plate steel, rolled from plate complying with ASTM A 572, grade 50 or ASTM A 588, and having a min. CVN toughness of 20 ft-lb at 40 degrees F. Or Ductile iron casting meeting Section 9-05.15</td>
</tr>
<tr>
<td>Frame and stiffener plates</td>
<td>ASTM A 572 grade 50 or ASTM A 588, both with min. CVN toughness of 20 ft-lb at 40 degrees F Or Gray iron casting meeting Section 9-05.15</td>
</tr>
<tr>
<td>Anchors (studs)</td>
<td>Section 9-06.15</td>
</tr>
<tr>
<td>Threaded Anchors for Gray Iron Frame</td>
<td>ASTM F1554 grade 55 Headed Anchor Requirements</td>
</tr>
<tr>
<td>Bolts, Studs, Nuts, Washers</td>
<td>ASTM F 593 or A 193, Type 304 or 316, or Stainless steel grade 302, 304, or 316 in accordance with approved shop drawings</td>
</tr>
<tr>
<td>Hinges and Locking and Latching Mechanism and associated Hardware and Bolts</td>
<td>In accordance with approved shop drawings</td>
</tr>
<tr>
<td>Safety Bars</td>
<td>In accordance with approved shop drawings</td>
</tr>
</tbody>
</table>

The last paragraph is revised to read:

The bearing seat and lid perimeter shall be free from burrs, dirt, and other foreign debris that would prevent solid seating. Bolts and nuts shall be liberally coated with anti-seize compound. Bolts shall be installed snug tight. The bearing seat and lid perimeter shall be machined to allow a minimum of 75 percent of the bearing areas to be seated with a tolerance of 0.0 to 0.005 inches measured with a feeler gage. The bearing area percentage will be measured for each side of the lid as it bears on the frame.

9-29.2(2) Standard Duty and Heavy-Duty Cable Vaults and Pull Boxes

This section’s title is revised to read:

Small Cable Vaults, Standard Duty Cable Vaults, Heavy-Duty Cable Vaults, Standard Duty Pull Boxes, and Heavy-Duty Pull Boxes

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

Small, Standard Duty and Heavy-Duty Cable Vaults and Standard Duty and Heavy-Duty Pull Boxes shall be constructed as a concrete box and as a concrete lid.
9-29.2(2A) Standard Duty Cable Vaults and Pull Boxes

This section’s title is revised to read:

Small Cable Vaults, Standard Duty Cable Vaults, and Standard Duty Pull Boxes

The first paragraph is revised to read:

Small and Standard Duty Cable Vaults and Standard Duty Pull boxes shall be concrete and have a minimum load rating of 22,500 pounds and be tested in accordance with Section 9-29.2(1)C for concrete Standard Duty Junction Boxes.

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

Concrete for Small and Standard Duty Cable Vaults and Standard Duty Pull Boxes shall have a minimum compressive strength of 4,000 psi.

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

All Small and Standard Duty Cable Vaults and Standard Duty Pull Boxes placed in sidewalks, walkways, and shared-use paths shall have slip-resistant surfaces.

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

Materials for Small and Standard Duty Cable Vaults and Standard Duty Pull Boxes shall conform to the following:

9-29.3 Fiber Optic Cable, Electrical Conductors, and Cable

The following new subsection is added:

9-29.3(3) Wire Marking Sleeves

Wire marking sleeves shall be full-circle in design, non-adhesive, printable using an indelible ink and shall fit snugly on the wire or cable. Marking sleeves shall be made from a PVC or polyolefin, and provide permanent identification for wires and cables.

9-31.AP9

Section 9-31, Elastomeric Bearing Pads

August 4, 2014

This section’s title is revised to read:

Elastomeric Pads

9-31.1 Requirements

In the first paragraph, the word “bearing” is deleted from the first sentence.

In the first sentence of the second paragraph, the word “bearing” is deleted and replaced with “elastomeric”.
In the last sentence of the second paragraph, the word “Bearing” is deleted and replaced with “Elastomeric”.

In the third paragraph, the word “bearing” is deleted and replaced with the word “elastomeric”.

9-32.AP9

Section 9-32, Mailbox Support
August 4, 2014

9-32.7 Type 2 Mailbox Support
The first sentence is revised to read:

Type 2 mailbox supports shall be 2-inch 14-gage steel tube and shall meet the NCHRP 350 or the Manual for Assessing Safety Hardware (MASH) crash test criteria.

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*m²*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

RC3533 – WEST WAPATO ROAD OVERLAY
Yakima County, Washington

INTRODUCTION TO THE SPECIAL PROVISIONS

(August 14, 2013 APWA GSP)

The work on this project shall be accomplished in accordance with the Standard Specifications for Road, Bridge and Municipal Construction, 2014 edition, as issued by the Washington State Department of Transportation (WSDOT) and the American Public Works Association (APWA), Washington State Chapter (hereafter “Standard Specifications”). The Standard Specifications, as modified or supplemented by the Amendments to the Standard Specifications and these Special Provisions, all of which are made a part of the Contract Documents, shall govern all of the Work.

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

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

(March 8, 2013 APWA GSP)
(April 1, 2013 WSDOT GSP)

Also incorporated into the Contract Documents by reference are:

- Manual on Uniform Traffic Control Devices for Streets and Highways, currently adopted edition, with Washington State modifications, if any
- Standard Plans for Road, Bridge and Municipal Construction, WSDOT/APWA, current edition
- Yakima County Standard Plans

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

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

DESCRIPTION OF WORK
(March 13, 1995)

This contract provides for the improvement of a total of approximately 2.33 miles of West Wapato Road, near Wapato, WA., between milepost 0.04 (SR 97) and milepost 2.37 (Lateral A Road). The work consisting of planning bituminous pavement, applying tack coat and overlaying with Hot Mix Asphalt, all in accordance with the attached Contract Plans, these Special Provisions, the Standard Specifications
FUNDS
(******)

Yakima County Road funds are involved in the construction of these improvements.

DIVISION 1
GENERAL REQUIREMENTS

Section 1-01, Definitions 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
(* * * * * *)

Section 1-02.1 is deleted for this project and replaced with the following:

Yakima County does not prequalify bidders. However, if the apparent low bidder has not already been determined qualified, the County shall afford 10 days after notification for the low bidder to provide evidence for evaluation as to capability to perform work. The evaluation may include consideration of experience, personnel, equipment, and financial resources as well as performance record and the information should be sufficient to enable the bidder to obtain the required qualification rating prior to award of contract.

Qualification must, as a minimum, consist of bonding capability to the amount of contract and meeting licensing requirements of State law.

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

Delete this section and replace it with the following:

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

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

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

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

Supplement the second paragraph with the following:

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

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

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

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

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

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

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

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.

1-02.12 Public Opening of Proposal
(May 4, 2012 APWA GSP)

Delete this section and replace it with the following:

Proposals will be opened and publicly read at the time indicated in the Call for Bids, after the deadline(s) for submitting all elements of the Bid Proposal including DBE Written Confirmation Documents and/or Good Faith Effort Documentation, unless the Bid opening has been delayed or canceled. Bidders, their authorized agents, and other interested parties are invited to be present.

Section 1-02.12 is supplemented with the following:

(******)
Date of Opening Bids
Sealed bids will be received at the following location prior to the time specified:
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.

The bid opening date for this project is **September 10, 2014.** Bids received will be publicly opened and read after 2:00 P.M. on this date.

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

Revise item 1 to read:

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

1-02.14 Disqualification of Bidders
(March 8, 2013 APWA GSP, Option B)

Delete this Section and replace it with the following:

A Bidder will be deemed not responsible if the Bidder does not meet the mandatory bidder responsibility criteria in RCW 39.04.350(1), as amended; or does not meet the following Supplemental Criteria:
1. **Delinquent State Taxes**

   A. **Criterion:** The Bidder shall not owe delinquent taxes to the Washington State Department of Revenue without a payment plan approved by the Department of Revenue.

   B. **Documentation:** The Bidder shall not be listed on the Washington State Department of Revenue’s “Delinquent Taxpayer List” website: http://dor.wa.gov/content/FILEandpaytaxes/latefiling/dtlwest.aspx, or if they are so listed, they must submit a written payment plan approved by the Department of Revenue, to the Contracting Agency by the deadline listed below.

2. **Federal Debarment**

   A. **Criterion:** The Bidder shall not currently be debarred or suspended by the Federal government.

   B. **Documentation:** The Bidder shall not be listed as having an “active exclusion” on the U.S. government’s “System for Award Management” database (www.sam.gov).

3. **Subcontractor Responsibility**

   A. **Criterion:** The Bidder’s standard subcontract form shall include the subcontractor responsibility language required by RCW 39.06.020, and the Bidder shall have an established procedure which it utilizes to validate the responsibility of each of its subcontractors. The Bidder’s subcontract form shall also include a requirement that each of its subcontractors shall have and document a similar procedure to determine whether the sub-tier subcontractors with whom it contracts are also “responsible” subcontractors as defined by RCW 39.06.020.

   B. **Documentation:** The Bidder, if and when required as detailed below, shall submit a copy of its standard subcontract form for review by the Contracting Agency, and a written description of its procedure for validating the responsibility of subcontractors with which it contracts.

4. **Prevailing Wages**

   A. **Criterion:** The Bidder shall not have a record of prevailing wage violations as determined by WA Labor & Industries in the five years prior to the bid submittal date, that demonstrates a pattern of failing to pay workers prevailing wages, unless there are extenuating circumstances and such circumstances are deemed acceptable to the Contracting Agency.

   B. **Documentation:** The Bidder, if and when required as detailed below, shall submit a list of all prevailing wage violations in the five years prior to the bid submittal date, along with an explanation of each violation and how it was resolved. The Contracting Agency will evaluate these explanations and the resolution of each complaint to determine whether the violation demonstrate a pattern of failing to pay its workers prevailing wages as required.
5. **Claims Against Retainage and Bonds**

A **Criterion:** The Bidder shall not have a record of excessive claims filed against the retainage or payment bonds for public works projects in the three years prior to the bid submittal date, that demonstrate a lack of effective management by the Bidder of making timely and appropriate payments to its subcontractors, suppliers, and workers, unless there are extenuating circumstances and such circumstances are deemed acceptable to the Contracting Agency.

B. **Documentation:** The Bidder, if and when required as detailed below, shall submit a list of the public works projects completed in the three years prior to the bid submittal date that have had claims against retainage and bonds and include for each project the following information:

- Name of project
- The owner and contact information for the owner;
- A list of claims filed against the retainage and/or payment bond for any of the projects listed;
- A written explanation of the circumstances surrounding each claim and the ultimate resolution of the claim.

6. **Public Bidding Crime**

A **Criterion:** The Bidder and/or its owners shall not have been convicted of a crime involving bidding on a public works contract in the five years prior to the bid submittal date.

B. **Documentation:** The Bidder, if and when required as detailed below, shall sign a statement (on a form to be provided by the Contracting Agency) that the Bidder and/or its owners have not been convicted of a crime involving bidding on a public works contract.

7. **Termination for Cause / Termination for Default**

A **Criterion:** The Bidder shall not have had any public works contract terminated for cause or terminated for default by a government agency in the five years prior to the bid submittal date, unless there are extenuating circumstances and such circumstances are deemed acceptable to the Contracting Agency.

B. **Documentation:** The Bidder, if and when required as detailed below, shall sign a statement (on a form to be provided by the Contracting Agency) that the Bidder has not had any public works contract terminated for cause or terminated for default by a government agency in the five years prior to the bid submittal date; or if Bidder was terminated, describe the circumstances.

8. **Lawsuits**
A. **Criterion:** The Bidder shall not have lawsuits with judgments entered against the Bidder in the five years prior to the bid submittal date that demonstrate a pattern of failing to meet the terms of contracts, unless there are extenuating circumstances and such circumstances are deemed acceptable to the Contracting Agency.

B. **Documentation:** The Bidder, if and when required as detailed below, shall sign a statement (on a form to be provided by the Contracting Agency) that the Bidder has not had any lawsuits with judgments entered against the Bidder in the five years prior to the bid submittal date that demonstrate a pattern of failing to meet the terms of contracts, or shall submit a list of all lawsuits with judgments entered against the Bidder in the five years prior to the bid submittal date, along with a written explanation of the circumstances surrounding each such lawsuit. The Contracting Agency shall evaluate these explanations to determine whether the lawsuits demonstrate a pattern of failing to meet terms of construction related contracts.

As evidence that the Bidder meets the mandatory and supplemental responsibility criteria stated above, the apparent two lowest Bidders must submit to the Contracting Agency by 12:00 P.M. (noon) of the second business day following the bid submittal deadline, a written statement verifying that the Bidder meets all of the mandatory and supplemental criteria together with supporting documentation including but not limited to that detailed above (sufficient in the sole judgment of the Contracting Agency) demonstrating compliance with all mandatory and supplemental responsibility criteria. The Contracting Agency reserves the right to request such documentation from other Bidders as well, and to request further documentation as needed to assess Bidder responsibility. The Contracting Agency also reserves the right to obtain information from third-parties and independent sources of information concerning a Bidder’s compliance with the mandatory and supplemental criteria, and to use that information in their evaluation. The Contracting Agency may (but is not required to) consider mitigating factors in determining whether the Bidder complies with the requirements of the supplemental criteria.

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

If the Contracting Agency determines the Bidder does not meet the bidder responsibility criteria above and is therefore not a responsible Bidder, the Contracting Agency shall notify the Bidder in writing, with the reasons for its determination. If the Bidder disagrees with this determination, it may appeal the determination within two (2) business days of the Contracting Agency’s determination by presenting its appeal and any additional information to the Contracting Agency. The Contracting Agency will consider the appeal and any additional information before issuing its final determination. If the final determination affirms that the Bidder is not responsible, the Contracting Agency will not execute a contract with any other Bidder until at least two business days after the Bidder determined to be not responsible has received the Contracting Agency’s final determination.

Request to Change Supplemental Bidder Responsibility Criteria Prior To Bid: Bidders with concerns about the relevancy or restrictiveness of the Supplemental Bidder Responsibility
Criteria may make or submit requests to the Contracting Agency to modify the criteria. Such requests shall be in writing, describe the nature of the concerns, and propose specific modifications to the criteria. Bidders shall submit such requests to the Contracting Agency no later than five (5) business days prior to the bid submittal deadline and address the request to the Project Engineer or such other person designated by the Contracting Agency in the Bid Documents.

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 10 calendar days after the award date stated above, the Contracting Agency
may grant up to a maximum of 10 additional calendar days for return of the documents, provided
the Contracting Agency deems the circumstances warrant it.

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

Revise the first paragraph to read:

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

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

Section 1-04, Scope of 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 andremedying 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;
builtings; 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.

Add the following new section:

1-05.12(1) One-Year Guarantee Period
(March 8, 2013 APWA GSP)

The Contractor shall return to the project and repair or replace all defects in workmanship
and material discovered within one year after Final Acceptance of the Work. The Contractor
shall start work to remedy any such defects within 7 calendar days of receiving Contracting
Agency’s written notice of a defect, and shall complete such work within the time stated in
the Contracting Agency’s notice. In case of an emergency, where damage may result from
delay or where loss of services may result, such corrections may be made by the Contracting
Agency’s own forces or another contractor, in which case the cost of corrections shall be paid
by the Contractor. In the event the Contractor does not accomplish corrections within the
time specified, the work will be otherwise accomplished and the cost of same shall be paid
by the Contractor.

When corrections of defects are made, the Contractor shall then be responsible for correcting
all defects in workmanship and materials in the corrected work for one year after acceptance
of the corrections by Contracting Agency.

This guarantee is supplemental to and does not limit or affect the requirements that the
Contractor’s work comply with the requirements of the Contract or any other legal rights or
remedies of the Contracting Agency.

1-05.13 Superintendent, 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).
1-07.5 Fish and Wildlife and Ecology Regulations

1-07.5(4) Air Quality
(*******)

Section 1-07.5(4) is supplemented with the following:

Prevention of Environmental Pollution and Preservation of Public Natural Resources
The Contractor shall comply with the following environmental provisions, which are made a part of the contract documents. A copy of the environmental provisions is available to the Contractor at the Project Engineer’s office.

If the Contractor’s operations involve work outside the areas covered by the following environmental provisions, the Contractor shall advise the Engineer and request a list of all additional provisions covering the area involved. A copy of all additional environmental provisions is also available to the Contractor at the Project Engineer’s office.

In addition to the requirements of Section 1-07.5(4) of the Standard Specifications, the Contractor shall comply with the following environmental provisions:

The Contractor is hereby notified that there are various Federal, State, and local statutes, ordinances and regulations such as, but not limited to, the Yakima County Clean Air Authority Regulations, dealing with the prevention of environmental pollution and the preservation of public natural resources that affect or are affected by this project.

The Contractor is further advised that the construction of this Project does not require construction operations that would have to be done in a fashion that would be in violation of Yakima County’s Clean Air Ordinance, the State Shoreline Management Act or any other known statute, ordinance or regulation. To the extent that they are reasonably obtainable, these statutes, ordinances or regulations are on file in the office of the Director of Public Works of Yakima County, Room 408 County Courthouse, Yakima, Washington, for the inspection by prospective Bidders.

All Bidders are advised to acquaint themselves with the applicable sections of those statutes, ordinances, or regulations so that their Bid shall be based on a construction plan of operations that shall not be in violation of said statutes, ordinances or regulations. If the Contractor desires to so conduct his operations so that they fall within the applicable sections of those statutes, ordinances, or regulations, he shall take all measures to obtain all approvals necessary to be in full compliance with the environmental protection requirements applicable to his operations. By submitting a Bid, the Contractor is thereby acknowledging these referred to Federal, State, and local statutes, ordinances or regulations.

1-07.7 Load Limits
(*******)

Section 1-07.7 is supplemented with the following:
If the sources of materials provided by the Contractor of the County require hauling over
roads other than County Highways, the Contractor shall, at his own cost and expense, make all
arrangements for the use of the haul routes.

1-07.7(1) General
(******)

Section 1-07.7(1) is supplemented with the following:

Yakima County has imposed load restrictions on bridges throughout the County. The Contractor
shall become familiar with the locations and the load restriction on the bridges and schedule his
haul routes to avoid all violations of the posted restrictions. The Engineer shall make available to
the Contractor, a complete listing of the restricted bridges in Yakima County.

1-07.12 Federal Agency Inspection
(March 13, 1995)

Indian Preference And Tribal Ordinances
For the project located on "Fort Road" on the Yakima Indian Reservation, it is the Contractor's
responsibility to contact the person and/or office listed in this special provision to determine whether
any tribal laws or taxes apply. If the tribal laws and taxes do apply, the Contractor shall comply with
them in accordance with Section 1-07.1.

Tribal Employment Rights Ordinances (TEROs), may utilize a variety of tools to encourage Indian
employment. These tools may include, but are not limited to, TERO fees, Indian hiring preference,
Indian-owned business subcontracting preference and/or an Indian training requirement. Other
requirements may be a Tribal business license, a required compliance plan and/or employee
registration requirements. Every tribe is different and each may be willing to work cooperatively with
the Contractor to develop a strategy that works for both parties. For specific details, the Contractor
should contact "Yakama Indian Reservation".

Yakama Indian Tribes Tero Program
P.O. Box 151
Toppenish, WA 98948
(509) 865-5121

The state recognizes the sovereign authority of the tribe, supports the tribe's efforts to enforce its
rightful and legal ordinances and expects the Contractor to comply and cooperate with the tribe. The
costs related to such compliance shall be borne solely by the Contractor, who is advised to contact the
tribal representative listed above, prior to submitting a bid, to assess the impact of compliance on the
project.

Although Indian preference cannot be compelled or mandated by the Contracting Agency, there is no
limitation whereby voluntary Contractor or subcontractor initiated preferences are given, if otherwise
lawful. 41 CFR 60-1.5(a)7 provides as follows:

Work on or near Indian reservations --- It shall not be a violation of the equal opportunity clause for a
construction or non-construction Contractor to extend a publicly announced preference in
employment to Indians living on or near an Indian reservation in connection with employment
opportunities on or near an Indian reservation. The use of the word near would include all that area
where a person seeking employment could reasonably be expected to commute to and from in the
course of a work day. Contractors or subcontractors extending such a preference shall not, however,
discriminate among Indians on the basis of religion, sex, or tribal affiliation, and the use of such a
preference shall not excuse a Contractor from complying with the other requirements as contained in
the August 25, 1981 Department of Labor, Office of Federal Contract Compliance Programs,
Government Contractors Affirmative Actions Requirements.

1-07.13 Contractor's Responsibility For Work

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

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

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

1-07.15(1) Spill Prevention, Control and Countermeasures Plan
Spill Prevention, Control and Countermeasures Plan
(August 3, 2009)

Section 1-07.15(1) is supplemented with the following:

The Contractor shall address the following items in the SPCC Plan in addition to the
requirements of Section 1-07.15(1):

Mixing, Transfers, & Storage
1. All oil, fuel or chemical storage tanks or containers shall be diked and located on impervious
surfaces so as to prevent spill from escaping.
2. All liquid products shall be stored and mixed on impervious surfaces in a secure water tight
environment and provide containment to handle the maximum volume of liquid products on site
at any given time.
3. Proper security shall be maintained to prevent vandalism.
4. Drip pans or other protective devices shall be required for all transfer operations.

Spills
Paint and solvent spills shall be treated as oil spills and shall be prevented from reaching storm
drains or other discharges. No cleaning solvents or chemicals used for tool or equipment
cleaning may be discharged to the ground or water.
Maintenance of Equipment
Fuel hoses, oil drums, oil or fuel transfer valves and fittings, etc, shall be checked regularly for drips or leaks and shall be maintained and stored properly to prevent spills into State waters.

Disposal
Spilled waste, chemicals or petroleum products shall be transported off site for disposal at a facility approved by the Department of Ecology. The materials shall not be discharged to any sanitary sewer without approval of the local sewer authority.

Reporting and Cleanup
The Contractor's designated person for managing and implementing the SPCC Plan shall report hazardous material spills as follows:

Spills into State water (including ponds, ditches, seasonally dry streams, and wetlands) – Immediately call all of the following:
National Response Center  1-800-424-8802
WA State Div. of Emergency Management (24 hr)  1-800-258-5990
Ecology Central Regional Office  509 575-2490

Spill to Soil (Including encounters of pre-existing contamination):
Ecology Central Regional Office  509 575-2490
Report immediately if threatening to health or environment (i.e., explosive, flammable, toxic vapors, shallow groundwater, nearby creek), otherwise within 90 days

Underground Storage Tank (confirmed release of material)
Ecology Central Regional Office  509 575-2490
Report within 24 hours

1-07.17 Utilities and Similar Facilities
(April 2, 2007)

Section 1-07.17 is supplemented with the following:

Locations and dimensions shown in the Plans for existing facilities are in accordance with available information obtained without uncovering, measuring, or other verification.
Public and private utilities, or their Contractors, will furnish all work necessary to adjust, relocate, replace or construct their facilities unless otherwise provided for in the Plans or those 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, 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 Call Center 800.424.5555
Pacific Power & Light Co. 500 N. Keys Rd., Yakima, WA 98901 509.575.3158
Charter Communications 1005 N. 16th Ave., Yakima, WA 98902 509.575.0812
Yakima County Public Services 1216 s. 18th St., Yakima, WA 98901 509.574.2396
Yakama Power 61220 Hwy 97, Toppenish, WA 98948 509.865.7697
CenturyLink 409 S. 5th St., Sunnyside, WA. 98944 509.839.6651

1-07.18 Public Liability and Property Damage Insurance

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

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

1-07.18(1) General Requirements
A. The Contractor shall obtain the insurance described in this section from insurers approved by the State Insurance Commissioner pursuant to RCW Title 48. The insurance must be provided by an insurer with a rating of A-: VII or higher in the A.M. Best’s Key Rating Guide, which is licensed to do business in the state of Washington (or issued as a surplus line by a Washington Surplus lines broker). The Contracting Agency reserves the right to approve or reject the insurance provided, based on the insurer (including financial condition), terms and coverage, the Certificate of Insurance, and/or endorsements.

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

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

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

E. The Contractor’s and all subContractors’ insurance coverage shall be primary and non-contributory insurance as respects the Contracting Agency’s insurance, self-insurance, or insurance pool coverage.

F. The Contractor shall provide the Contracting Agency and all Additional Insureds with written notice of any policy cancellation, within two business days of their receipt of such notice.
G. Upon request, the Contractor shall forward to the Contracting Agency a full and certified copy of the insurance policy(s).

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

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

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

1-07.18(2) Additional Insured

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

- the Contracting Agency and its officers, elected officials, employees, agents, and volunteers

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

1-07.18(3) Subcontractors

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

1-07.18(4) Evidence of Insurance

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

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

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

3. Any other amendatory endorsements to show the coverage required herein.
1-07.18(5) Coverages and Limits

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

1-07.18(5)A Commercial General Liability

A policy of Commercial General Liability Insurance, including:

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

Such policy must provide the following minimum limits:

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

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

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

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

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

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

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

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

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

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

* or 2-feet beyond the outside edge of sidewalk

**Minimum Work Zone Clear Zone Distance**

**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.

Add the following new section:

1-08.0(2) Hours of Work

(March 8, 2013 APWA GSP)

Except in the case of emergency or unless otherwise approved by the Contracting Agency, the normal straight time working hours for the Contract shall be any consecutive 8-hour period between 7:00 a.m. and 6:00 p.m. of a working day with a maximum 1-hour lunch break and a 5-day work week. The normal straight time 8-hour working period for the Contract shall be established at the preconstruction conference or prior to the Contractor commencing the work.

Written permission from the Engineer is required, if a Contractor desires to perform work on holidays, Saturdays, or Sundays; before 7:00 a.m. or after 6:00 p.m. on any day; or longer than an 8-hour period on any day. The Contractor shall apply in writing to the Engineer for such permission, no later than noon on the working day prior to the day for which the Contractor is requesting permission to work.

Permission to work between the hours of 10:00 p.m. and 7:00 a.m. during weekdays and between the hours of 10:00 p.m. and 9:00 a.m. on weekends or holidays may also be subject to noise control requirements. Approval to continue work during these hours may be revoked at any time the Contractor exceeds the Contracting Agency’s noise control regulations or complaints are received from the public or adjoining property owners regarding the noise from the Contractor’s operations. The Contractor shall have no claim for damages or delays should such permission be revoked for these reasons.
Permission to work Saturdays, Sundays, holidays, or other than the agreed upon normal straight
time working hours Monday through Friday may be given subject to certain other conditions set
forth by the Contracting Agency or Engineer. These conditions may include but are not limited
to:

- The Engineer may require designated representatives to be present during the work.
  Representatives who may be deemed necessary by the Engineer include, but are not
  limited to: survey crews; personnel from the Contracting Agency’s material testing lab;
  inspectors; and other Contracting Agency employees when in the opinion of the Engineer,
  such work necessitates their presence.

- On non-Federal aid projects, requiring the Contractor to reimburse the Contracting
  Agency for the costs in excess of straight-time costs for Contracting Agency
  representatives who worked during such times.

- Considering the work performed on Saturdays, Sundays, and holidays as working days
  with regard to the contract time.

Considering multiple work shifts as multiple working days with respect to contract time, even
though the multiple shifts occur in a single 24-hour period.

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:

This project shall be physically completed within 15 working days.
1-08.5  Time for Completion
(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 Contract Provisions.
   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)*

Supplement this section with the following:

Lump sum item breakdowns are not required when the bid price for the lump sum item is less than $20,000.

### Section 1-10, Temporary Traffic Control

#### 1-10.2 Traffic Control Management

#### 1-10.2(1) General

*(December 1, 2008)*

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

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

The Northwest Laborers-Employers Training Trust
27055 Ohio Ave.
Kingston, WA 98346
(360) 297-3035
Evergreen Safety Council
401 Pontius Ave. N.
Seattle, WA 98109
1-800-521-0778 or
(206) 382-4090

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

1-10.2(2) Traffic Control Plans
(******)

Section 1-10.4(3) is supplemented with the following:

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

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

No work shall be performed by the Contractor without an approved traffic control plan.

1-10.4 Measurement
(August 2, 2004)

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

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

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

1-10.4(3) Reinstating Unit Items With Lump Sum Traffic Control
(******)

Section 1-10.4(3) is supplemented with the following:

The bid proposal contains the item “Project Temporary Traffic Control,” per lump sum and the
additional temporary traffic control items listed below. The provisions of Section 1-10.4(1),
Section 1-10.4(3), and Section 1-10.5(3) shall apply.
Traffic Control Supervisor, Flaggers and Spotters, Construction Signs Class A and Sequential Arrow Sign.

DIVISION 2
EARTHWORK

Section 2-03, Roadway Excavation and Embankment

2-03.3 Construction Requirements

2-03.3(7)C Contractor – Provided Disposal Site
(******)

The provisions of Section 2-03.3(7)C is supplemented with the following:

The Contractor shall provide a disposal site for all materials from the project.

DIVISION 5
SURFACE TREATMENTS AND PAVEMENTS

Section 5-04, Hot Mix Asphalt

5-04.3(3) Hot Mix Asphalt Pavers
(April 2, 2007)

Section 5-04.3(3) is supplemented with the following:

HMA Paver Segregation
The hot-mix asphalt (HMA) paver shall be equipped with a means of preventing the segregation of the coarse aggregate particles from the remainder of the mix when the mix is carried from the paver hopper back to the paver augers. The means and methods used shall be approved by the paver manufacturer and may consist of chain curtains, deflector plates, or other such devices and any combination of these.

The following specific requirements shall apply to the identified HMA pavers:

1. Blaw-Knox pavers shall be equipped with the Blaw-Knox Materials Management Kit (MMK).

2. Cedarapids pavers shall be those that were manufactured in 1989 or later.

3. Caterpillar pavers shall be equipped with deflector plates as identified in the December 2000 Service Magazine entitled "New Asphalt Deflector Kit {6630, 6631, 6640}".

Prior to the start of using the paver for placing plant mix, the Contractor shall submit for approval a full description in writing of the means and methodologies that will be used to
prevent HMA paver segregation. Use of the paver shall not commence prior to receiving approval from the Engineer.

The Contractor shall supply a Certificate of Compliance that verifies that the approved means and methods used to prevent bituminous paver segregation have been implemented on all pavers used on the project.

5-04.3(7)A Mix Design
(March 10, 2010 APWA GSP)

Delete this section and replace it with the following:

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

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

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

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

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

Mix design verification is valid for one year from the date of verification. At the discretion of the Engineer, agencies may accept mix designs verified beyond the verification year with certification from the Contractor that the materials and sources are the same as those shown on the original mix design.
3. **Field Verification Testing Process.** The Contracting agency will collect three Production Samples of HMA on the first day of paving per AASHTO T 168 sampling procedures.

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

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

Delete this section and replace it with the following:

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

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

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

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

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

d. Perform Field Verification Testing on a sample of HMA provided by the Contractor prior to paving.

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

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

a. The Contracting agency will test one Production Sample in accordance with section 5-04.3(8)A for field verification per the requirements of Section 9-03.8(7).

b. If the test results from the first Production Sample are within the tolerances of section 9-03.8(7), the mix design will be considered verified and the test results will be used as acceptance sample number one.

c. If the test results from the first Production Sample are outside the tolerances of section 9-03.8(7), the other two samples will be tested and the results of all three tests will be used for acceptance in accordance with Section 5-04.5(1) and will be used in the calculation of the CPF the maximum CPF shall be 1.00.

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

5-04.3(7)A2 **Statistical or Nonstatistical Evaluation**

*(January 16, 2014 APWA GSP)*

Delete this section and replace it with the following:

Mix designs for HMA accepted by Nonstatistical or Commercial evaluation shall;
- Be submitted to the Project Engineer on WSDOT Form 350-042
- Have the aggregate structure and asphalt binder content determined in accordance with WSDOT Standard Operating Procedure 732 and meet the requirements of Sections 9-03.8(2) and 9-03.8(6).
- Have anti-strip requirements, if any, for the proposed mix design determined in accordance with WSDOT Test Method T 718 or based on historic anti-strip and aggregate source compatibility from WSDOT lab testing. Anti-strip evaluation of HMA mix designs utilized that include RAP will be completed without the inclusion of the RAP.

At or prior to the preconstruction meeting, the contractor shall provide one of the following mix design verification certifications for Contracting Agency review;
• The proposed mix design indicated on a WSDOT mix design/anti-strip report that is within one year of the approval date
• The proposed HMA mix design submittal (Form 350-042) with the seal and certification (stamp & signature) of a valid licensed Washington State Professional Engineer.
• The proposed mix design by a qualified City or County laboratory mix design report that is within one year of the approval date.

The mix design will be performed by a lab accredited by a national authority such as Laboratory Accreditation Bureau, L-A-B for Construction Materials Testing, The Construction Materials Engineering Council (CMEC's) ISO 17025 or AASHTO Accreditation Program (AAP) and shall supply evidence of participation in the AASHTO Material Reference Laboratory (AMRL) program.

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

5-04.3(8)A Acceptance Sampling and Testing

Section 5-04.3(8)A shall be deleted

5-04.3(8)A1 General
(January 16, 2014 APWA GSP)

Delete this section and replace it with the following:

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

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

The mix design will be the initial JMF for the class of HMA. The Contractor may request a change in the JMF. Any adjustments to the JMF will require the approval of the Project Engineer and must be made in accordance with Section 9-03.8(7).

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

5-04.3(8)A4 Definition of Sampling Lot and Sublot
(January 16, 2014 APWA GSP)

Section 5-04.3(8)A4 is supplemented with the following:

For HMA in a structural application, sampling and testing for total project quantities less than 400 tons is at the discretion of the engineer. For HMA used in a structural application and with a total
project quantity less than 800 tons but more than 400 tons, a minimum of one acceptance test shall be performed:
  i. If test results are found to be within specification requirements, additional testing will be at the engineers discretion.
  ii. If test results are found not to be within specification requirements, additional testing as needed to determine a CPF shall be performed.

5-04.3(8)A5 Test Results
(January 16, 2014 APWA GSP)

The first paragraph of this section is deleted.

5-04.3(8)A6 Test Methods
(January 16, 2014 APWA GSP)

Delete this section and replace it with the following:

Testing of HMA for compliance of Va will be at the option of the Contracting Agency. If tested, compliance of Va will be use WSDOT Standard Operating Procedure SOP 731. Testing for compliance of asphalt binder content will be by WSDOT FOP for AASHTO T 308. Testing for compliance of gradation will be by WAQTC FOP for AASHTO T 27/T 11.

5-04.3(8)A7 Test Section – HMA Mixtures
(March 10, 2010 APWA GSP)

Delete this section.

5-04.3(9) Spreading and Finishing
(*****)

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

Unless otherwise directed by the Engineer, the nominal compacted depth of any layer of HMA Cl. ¼” PG 64-28 shall not exceed 0.20 feet at centerline.

5-04.3(9)A Materials Transfer Device
(*****)

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

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

Material transfer devices may be self-propelled vehicles, pickup machines, or other devices that provide additional mixing and holding capacity of hot mix asphalt. Other than pickup machines, transfer devices shall have a minimum 18 ton holding and mixing capacity either on the paver, the device itself, or a combination of both.
Prior to use, the manufacturer and model number of the transfer equipment shall be submitted to the Engineer for review and approval. All costs to incorporate the MTD into the paving train shall be included in the unit contract prices for the associated bid items.

5-04.3(10) B Control

(*****)

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

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

(*****)

The last paragraph of Section 5-04.3(1)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 are then will be evaluated for price adjustment in accordance with the price reduction formula in the Special Provisions, considering it as a separate lot.

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

FACTORS INVOLVED:

Quantity of HMA involved (from Compaction Control Report)

Percent compaction (from Compaction Control Report)

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

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

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

**CALCULATION PROCEDURE:**

**Equations:**

\[ PA = Q \times AUCP \times PAF \]

\[ AUCP = UCP - VLA \]

\[ VLA = PLA \times RLAU \]

\[ RLAU = LAU/100 \]

\[ PA = \text{Price adjustment} \]

\[ UCPA = \text{Unit contract price adjustment} \]

\[ Q = \text{Quantity HMA involved} \]

\[ AUCP = \text{Adjusted unit contract price} \]

\[ PAF = \text{Pay adjustment factor} \]

\[ UCP = \text{Unit contract price} \]

\[ VLA = \text{Value liquid asphalt} \]

\[ PLA = \text{Price liquid asphalt} \]

\[ RLAU = \text{Rate liquid asphalt used} \]

\[ LAU = \text{Liquid asphalt used} \]

**EXAMPLE:**

\[ Q = 200 \text{ tons} \]

\[ \text{Percent compaction} = 90.5 \]

\[ \text{LAU} = 5.0\% \]

\[ \text{UCP} = 25.00/\text{ton} \]

\[ \text{PLA} = 200.00/\text{ton f.o.b. job site} \]

\[ \text{PAF} = 0.05 \]

\[ \text{RLAU} = \text{LAU}/100 \]

\[ = 5.0/100 \]

\[ \text{RLAU} = 0.05 \text{ ton/ton} \]

\[ \text{VLA} = \text{PLA} \times \text{RLAU} \]

\[ = 200.00/\text{ton} \times 0.05 \text{ ton/ton} \]

\[ \text{VLA} = 10.00/\text{ton} \]

\[ \text{AUCP} = \text{UCP} - \text{VLA} \]

\[ = 25.00/\text{ton} - 10.00/\text{ton} \]

\[ \text{AUCP} = 15.00/\text{ton} \]

\[ \text{PA} = Q \times \text{AUCP} \times \text{PAF} \]

\[ \text{PA} = 200 \text{ ton} \times 15.00/\text{ton} \times 0.05 \]

\[ \text{PA} = 150.00 \]
UCPA = PA/Q
   = $150.00/200 ton
UCPA = $0.75/ton

**PAY ADJUSTMENT FACTOR**

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

5-04.3(14) Planing Bituminous Pavement
(October 23, 2000)

Section 5-04.3(14) is supplemented with the following:

The Contractor shall perform the planing operations no more than 10 calendar days ahead of the time the planed area is to be paved with Hot Mix Asphalt, unless otherwise allowed by the Engineer in writing.

5-04.5(1) Quality Assurance Price Adjustments

Section 5-04.5(1) shall be deleted.

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

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

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

**Table of Price Adjustment Factors**

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

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

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

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

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

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

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

5-04.5(1)B Price Adjustments for Quality of HMA Compaction
(January 16, 2014 APWA GSP)

Delete this section and replace it with the following:

The maximum CPF of a compaction lot is 1.00.

For each compaction lot of HMA when the CPF is less than 1.00, a Nonconforming Compaction Factor (NCCF) will be determined. THE NCCF equals the algebraic difference of CPF minus 1.00 multiplied by 40 percent. The Compaction Price Adjustment will be calculated as the product of the NCCF, the quantity of HMA in the lot in tons and the unit contract price per ton of the mix.

Section 8-22, Pavement Markings

8-22, Pavement Markings
(******)

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

The Engineer will provide spotting of the lines to be marked. Spotting shall be provided at a spacing of 100 feet maximum on tangents and 25 feet maximum on curves. The color of all spotting will be white.
Longitudinal Line Markings shall be applied with a highway striping truck whenever possible. Any other method shall be approved by the Engineer two weeks prior to the use of the proposed application.

DIVISION 9
MATERIALS

Section 9-03, Aggregates

9-03.8(2) HMA Test Requirements
(March 10, 2010 APWA GSP)

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

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

9-03.8(3)C Gradation – Recycled Asphalt Pavement and Mineral Aggregate (******)

The first sentence of the second paragraph of Section 9-03.8(3)C is revised as follows:

Reference to Section 9-03.8(6)A in the first sentence of the second paragraph of Section 9-03.8(3)C shall be deleted.

9-03.8(6)A Basis of Acceptance (******)

Section 9-03.8(6)A is deleted.

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

Delete Item 1 and replace it with the following:

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

<table>
<thead>
<tr>
<th>Aggregate, percent passing</th>
<th>Nonstatistical Evaluation</th>
<th>Commercial Evaluation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot;, 3/4&quot;, 1/2&quot;, and 3/8&quot; sieves</td>
<td>±6%</td>
<td>±8%</td>
</tr>
<tr>
<td>U.S. No. 4 sieve</td>
<td>±6%</td>
<td>±8%</td>
</tr>
<tr>
<td>U.S. No. 8 sieve</td>
<td>±6%</td>
<td>±8%</td>
</tr>
<tr>
<td>U.S. No. 200 sieve</td>
<td>±2.0%</td>
<td>±3.0%</td>
</tr>
<tr>
<td>Asphalt Binder</td>
<td>±0.5%</td>
<td>±0.7%</td>
</tr>
</tbody>
</table>

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

---

Journey Level Prevailing Wage Rates for the Effective Date: 09/10/2014  

<table>
<thead>
<tr>
<th>County</th>
<th>Trade</th>
<th>Job Classification</th>
<th>Wage</th>
<th>Holiday</th>
<th>Overtime</th>
<th>Note</th>
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<td>Power Equipment Operators - Underground Sewer &amp; Water - Overhead, Bridge Type: 45 Tons Through 99 Tons</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water - Pavement Breaker</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water - Pile Driver (other Than Crane Mount)</td>
<td>$54.75</td>
<td>7A</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water - Plant Oiler - Asphalt, Crusher</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water - Posthole Digger, Mechanical</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water - Power Plant</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water - Pumps - Water</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water - Quad 9, Hd 41, D10 And Over</td>
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<td>Yakima</td>
<td>Power Equipment Operators - Underground Sewer &amp; Water - Quick Tower - No Cab, Under 100 Feet In Height Based To Boom</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water - Remote Control Operator On Rubber Tired Earth Moving Equipment</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water - Rigger And Bellman</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water - Roller, Other Than Plant Mix</td>
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<td>Roto-mill, Roto-grinder</td>
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<td>Saws - Concrete</td>
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<td>Scraper, Self Propelled Under 45 Yards</td>
<td>$54.75</td>
<td>7A</td>
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<td>Scrapers - Concrete &amp; Carry All</td>
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<td>Scrapers, Self-propelled: 45 Yards And Over</td>
<td>$55.24</td>
<td>7A</td>
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<td>Service Engineers - Equipment</td>
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<td>Shotcrete/gunite Equipment</td>
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<td>Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons</td>
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<td>7A</td>
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<td>Yakima Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons</td>
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<td>7A</td>
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<td>Yakima Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons</td>
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<td>7A</td>
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<td>Yakima Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons</td>
<td>$55.79</td>
<td>7A</td>
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<td>Yakima Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Shovel, Excavator, Backhoes: Over 90 Metric Tons</td>
<td>$56.36</td>
<td>7A</td>
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<td>Slipform Pavers</td>
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<td>Yakima Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Spreader, Topsider &amp; Screedman</td>
<td>$55.24</td>
<td>7A</td>
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<td>Yakima Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Subgrader Trimmer</td>
<td>$54.75</td>
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<td>Yakima Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Tower Bucket Elevators</td>
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<td>Tower Crane Over 175' in Height, Base To Boom</td>
<td>$56.36</td>
<td>7A</td>
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<td>Yakima Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Tower Crane Up To 175' in Height Base To Boom</td>
<td>$55.79</td>
<td>7A</td>
<td>3C</td>
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<td>Yakima Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Transporters, All Track Or Truck Type</td>
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<td>7A</td>
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<td>Yakima Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Trenching Machines</td>
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<td>Truck Crane Oiler/driver - 100 Tons And Over</td>
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<td>7A</td>
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<td>Yakima Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Truck Crane Oiler/driver Under 100 Tons</td>
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<td>7A</td>
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<td>Yakima Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Truck Mount Portable Conveyor</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Underground Sewer &amp; Water</td>
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<td>7A</td>
<td>3C</td>
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<td>Yo Yo Pay Dozer</td>
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<td>Yakima</td>
<td>Power Line Clearance Tree Trimmers</td>
<td>Journey Level In Charge</td>
<td>$44.86</td>
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<td>Power Line Clearance Tree Trimmers</td>
<td>Spray Person</td>
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<td>Power Line Clearance Tree Trimmers</td>
<td>Tree Equipment Operator</td>
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<td>Power Line Clearance Tree Trimmers</td>
<td>Tree Trimmer</td>
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<td>Power Line Clearance Tree Trimmers</td>
<td>Tree Trimmer Groundperson</td>
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<td>Yakima</td>
<td>Refrigeration &amp; Air Conditioning Mechanics</td>
<td>Journey Level</td>
<td>$28.11</td>
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<td>Yakima</td>
<td>Residential Brick Mason</td>
<td>Journey Level</td>
<td>$29.00</td>
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<td>Yakima</td>
<td>Residential Carpenters</td>
<td>Journey Level</td>
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<td>Yakima</td>
<td>Residential Cement Masons</td>
<td>Journey Level</td>
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<td>Yakima</td>
<td>Residential Drywall Applicators</td>
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<td>Residential Drywall Tapers</td>
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<td>Residential Electricians</td>
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<td>Yakima</td>
<td>Residential Glaziers</td>
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<td>Residential Insulation Applicators</td>
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<td>Residential Laborers</td>
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<td>Yakima</td>
<td>Residential Marble Setters</td>
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<td>Yakima</td>
<td>Residential Painters</td>
<td>Journey Level</td>
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<td>Yakima</td>
<td>Residential Plumbers &amp; Pipefitters</td>
<td>Journey Level</td>
<td>$20.55</td>
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<td>Yakima</td>
<td>Residential Refrigeration &amp; Air Conditioning Mechanics</td>
<td>Journey Level</td>
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<tr>
<td>Yakima</td>
<td>Residential Sheet Metal Workers</td>
<td>Journey Level (Field or Shop)</td>
<td>$38.97</td>
<td>5A</td>
<td>1X</td>
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<td>Yakima</td>
<td>Residential Soft Floor Layers</td>
<td>Journey Level</td>
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<td>Yakima</td>
<td>Residential Sprinkler Fitters (Fire Protection)</td>
<td>Journey Level</td>
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<td>Yakima</td>
<td>Residential Stone Masons</td>
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<td>Yakima</td>
<td>Residential Terrazzo Workers</td>
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<td>Yakima</td>
<td>Residential Terrazzo/Tile Finishers</td>
<td>Journey Level</td>
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<td>Yakima</td>
<td>Residential Tile Setters</td>
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<td>Roofers</td>
<td>Journey Level</td>
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<td>Sheet Metal Workers</td>
<td>Journey Level (Field or Shop)</td>
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<td>Yakima</td>
<td>Sign Makers &amp; Installers (Electrical)</td>
<td>Journey Level</td>
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<td>Yakima</td>
<td>Sign Makers &amp; Installers (Non-</td>
<td>Journey Level</td>
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<td>Soft Floor Layers</td>
<td>Journey Level</td>
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<td>5A</td>
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<td>Solar Controls For Windows</td>
<td>Journey Level</td>
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<td>Journey Level</td>
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<td>Stone Masons</td>
<td>Journey Level</td>
<td>$43.35</td>
<td>5A</td>
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<td>Street And Parking Lot Sweeper Workers</td>
<td>Journey Level</td>
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<td>Surveyors</td>
<td>Assistant Construction Site Surveyor</td>
<td>$54.33</td>
<td>7A</td>
<td>3C</td>
<td>8P</td>
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<td>Surveyors</td>
<td>Chainman</td>
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<td>7A</td>
<td>3C</td>
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<td>Surveyors</td>
<td>Construction Site Surveyor</td>
<td>$55.24</td>
<td>7A</td>
<td>3C</td>
<td>8P</td>
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<td>Telecommunication Technicians</td>
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<td>Telephone Line Construction - Outside</td>
<td>Cable Splicer</td>
<td>$36.96</td>
<td>5A</td>
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<td>Telephone Line Construction - Outside</td>
<td>Hole Digger/Ground Person</td>
<td>$20.49</td>
<td>5A</td>
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<td>Telephone Line Construction - Outside</td>
<td>Installer (Repairer)</td>
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<td>Telephone Line Construction - Outside</td>
<td>Special Apparatus Installer I</td>
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<td>Telephone Line Construction - Outside</td>
<td>Telephone Equipment Operator (Heavy)</td>
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<td>5A</td>
<td>2B</td>
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<td>Telephone Equipment Operator (Light)</td>
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<td>Well Driller</td>
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</table>
Overtime Codes

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

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

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

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

   D. The first two (2) hours before or after a five-eight (8) hour workweek day or a four-ten (10) hour workweek day and the first eight (8) hours worked the next day after either workweek shall be paid at one and one-half times the hourly rate of wage. All additional hours worked and all worked on Sundays and holidays shall be paid at double the hourly rate of wage.

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

   F. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.

   G. The first ten (10) hours worked on Saturdays and the first ten (10) hours worked on a fifth calendar weekday in a four-ten hour schedule, shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

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

   I. All hours worked on Sundays and holidays shall also be paid at double the hourly rate of wage.

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

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

   M. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
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, or outside the normal shift, and all work on Saturdays shall be paid at time and one-half the straight time rate. Hours worked over twelve hours (12) in a single shift and all work performed after 6:00 pm Saturday to 6:00 am Monday and holidays shall be paid at double the straight time rate of pay. Any shift starting between the hours of 6:00 pm and midnight shall receive an additional one dollar ($1.00) per hour for all hours worked that shift. The employer shall have the sole discretion to assign overtime work to employees. Primary consideration for overtime work shall be given to employees regularly assigned to the work to be performed on overtime situations. After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
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.

B. All hours worked over twelve (12) hours per day and all hours worked on holidays shall be paid at double the hourly rate of wage.

**Holiday Codes**


Benefit Code Key – Effective 8-31-2014 thru 3-3-2015


Holiday Codes Continued


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

**Holiday Codes Continued**


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

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


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

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


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

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.

T. 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 falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
Benefit Code Key – Effective 8-31-2014 thru 3-3-2015

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.

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Washington State Department of Labor and Industries 
Policy Statement 
(Regarding the Production of "Standard" or "Non-standard" Items)

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

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

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

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

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

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

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

Any firm with questions regarding the policy, WSDOT's Predetermined List, or for determinations of covered and non-covered workers shall be directed to State L&I at (360) 902-5330.
WSDOT's
Predetermined List for
Suppliers - Manufacturers - Fabricator

Below is a list of potentially prefabricated items, originally furnished by WSDOT to Washington State Department of Labor and Industries, that may be considered non-standard and therefore covered by the prevailing wage law, RCW 39.12. Items marked with an X in the "YES" column should be considered to be non-standard and therefore covered by RCW 39.12. Items marked with an X in the "NO" column should be considered to be standard and therefore not covered. Of course, exceptions to this general list may occur, and in that case shall be evaluated according to the criteria described in State and L&I's policy statement.

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<tr>
<th>ITEM DESCRIPTION</th>
<th>YES</th>
<th>NO</th>
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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>
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<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>
<tr>
<td>--------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>-----</td>
<td>----</td>
</tr>
<tr>
<td>8. Anchor Bolts &amp; Nuts - Anchor Bolts and Nuts, for mounting sign structures, luminaries and other items, shall be made from commercial bolt stock. See Contract Plans and Std. Plans for size and material type.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>9. Aluminum Pedestrian Handrail - Pedestrian handrail conforming to the type and material specifications set forth in the contract plans. Welding of aluminum shall be in accordance with Section 9-28.14(3).</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>10. Major Structural Steel Fabrication - Fabrication of major steel items such as trusses, beams, girders, etc., for bridges.</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>11. Minor Structural Steel Fabrication - Fabrication of minor steel items such as special hangers, brackets, access doors for structures, access ladders for irrigation boxes, bridge expansion joint systems, etc., involving welding, cutting, punching and/or boring of holes. See Contact Plans for item description and shop drawings.</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>12. Aluminum Bridge Railing Type BP - Metal bridge railing conforming to the type and material specifications set forth in the Contract Plans. Welding of aluminum shall be in accordance with Section 9-28.14(3).</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>13. Concrete Piling--Precast-Prestressed concrete piling for use as 55 and 70 ton concrete piling. Concrete to conform to Section 9-19.1 of Std. Spec..</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>14. Precast Manhole Types 1, 2, and 3 with cones, adjustment sections and flat top slabs. See Std. Plans.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>15. Precast Drywell Types 1, 2, and with cones and adjustment Sections. See Std. Plans.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>----------------------------------------------------------------------------------</td>
<td>-----</td>
<td>----</td>
</tr>
<tr>
<td>17. Precast Concrete Inlet - with adjustment sections,</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>See Std. Plans</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18. Precast Drop Inlet Type 1 and 2 with metal grate supports.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>See Std. Plans</td>
<td></td>
<td></td>
</tr>
<tr>
<td>19. Precast Grate Inlet Type 2 with extension and top units.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>See Std. Plans</td>
<td></td>
<td></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</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>sizes. Used for in ground storage of utility facilities and controls. See Contract</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plans for size and construction requirements. Shop drawings are to be provided for</td>
<td></td>
<td></td>
</tr>
<tr>
<td>approval prior to casting</td>
<td></td>
<td></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.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>See Contract Plans for details.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24. Precast Concrete Barrier - Precast Concrete Barrier for use as new barrier or</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>may also be used as Temporary Concrete Barrier. Only new state approved barrier</td>
<td></td>
<td></td>
</tr>
<tr>
<td>may be used as permanent barrier.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25. Reinforced Earth Wall Panels – Reinforced Earth Wall Panels in size and</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>shape as shown in the Plans. Fabrication plant has annual approval for methods</td>
<td></td>
<td></td>
</tr>
<tr>
<td>and materials to be used. See Shop Drawing. Fabrication at other locations may</td>
<td></td>
<td></td>
</tr>
<tr>
<td>be approved, after facilities inspection, contact HQ. Lab.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26. Precast Concrete Walls - Precast Concrete Walls - tilt-up wall panel in size</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>and shape as shown in Plans. Fabrication plant has annual approval for methods and</td>
<td></td>
<td></td>
</tr>
<tr>
<td>materials to be used</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>---------------------------------------------------------------------------------</td>
<td>-----</td>
<td>----</td>
</tr>
<tr>
<td>27. Precast Railroad Crossings - Concrete Crossing Structure Slabs.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>28. 12, 18 and 26 inch Standard Precast Prestressed Girder – Standard Precast Prestressed Girder for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>29. Prestressed Concrete Girder Series 4-14 - Prestressed Concrete Girders for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>30. Prestressed Tri-Beam Girder - Prestressed Tri-Beam Girders for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>31. Prestressed Precast Hollow-Core Slab – Precast Prestressed Hollow-core slab for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>32. Prestressed-Bulb Tee Girder - Bulb Tee Prestressed Girder for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>33. Monument Case and Cover</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>See Std. Plan.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
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<tr>
<td>---------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>34. Cantilever Sign Structure - Cantilever Sign Structure fabricated from steel tubing meeting AASHTO-M-183. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>35. Mono-tube Sign Structures - Mono-tube Sign Bridge fabricated to details shown in the Plans. Shop drawings for approval are required prior to fabrication.</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>36. Steel Sign Bridges - Steel Sign Bridges fabricated from steel tubing meeting AASHTO-M-138 for Aluminum Alloys. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>37. Steel Sign Post - Fabricated Steel Sign Posts as detailed in Std Plans. Shop drawings for approval are to be provided prior to fabrication</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>38. Light Standard-Prestressed - Spun, prestressed, hollow concrete poles.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>39. Light Standards - Lighting Standards for use on highway illumination systems, poles to be fabricated to conform with methods and materials as specified on Std. Plans. See Special Provisions for pre-approved drawings.</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>40. Traffic Signal Standards - Traffic Signal Standards for use on highway and/or street signal systems. Standards to be fabricated to conform with methods and material as specified on Std. Plans. See Special Provisions for pre-approved drawings</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>41. Precast Concrete Sloped Mountable Curb (Single and DualFaced) See Std. Plans.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
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<tr>
<td>---------------------------------------------------------------------------------</td>
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<tr>
<td>42. Traffic Signs - Prior to approval of a Fabricator of Traffic Signs, the</td>
<td></td>
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<tr>
<td>sources of the following materials must be submitted and approved for</td>
<td></td>
<td></td>
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<tr>
<td>reflective sheeting, legend material, and aluminum sheeting. <strong>NOTE:</strong> Fabrication</td>
<td></td>
<td></td>
</tr>
<tr>
<td>inspection required. Only signs tagged &quot;Fabrication Approved&quot; by WSDOT Sign</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Fabrication Inspector to be installed.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Custom Message</td>
<td>Sid Signing Message</td>
</tr>
<tr>
<td>43. Cutting &amp; bending reinforcing steel</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>44. Guardrail components</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Custom End Sec</td>
<td>Standard Sec</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>
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<tr>
<td>48. Electrical wiring/components</td>
<td></td>
<td></td>
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<tr>
<td>49. treated or untreated timber pile</td>
<td></td>
<td></td>
</tr>
<tr>
<td>50. Girder pads (elastomeric bearing)</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>51. Standard Dimension lumber</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>52. Irrigation components</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>--------------------------------------</td>
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<td>----</td>
</tr>
<tr>
<td>53. Fencing materials</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>54. Guide Posts</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>55. Traffic Buttons</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>56. Epoxy</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>57. Cribbing</td>
<td></td>
<td>X</td>
</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.
Washington State Department of Labor and Industries
Policy Statements
(Regarding Production and Delivery of Gravel, Concrete, Asphalt, etc.)

WAC 296-127-018 Agency filings affecting this section

Coverage and exemptions of workers involved in the production and delivery of gravel, concrete, asphalt, or similar materials.

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

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

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

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

   (ii) At multiple points at the project; or

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

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

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

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

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

(f) They assist or participate in the incorporation of any materials into the public works project.
(3) All travel time that relates to the work covered under subsection (2) of this section requires the payment of prevailing wages. Travel time includes time spent waiting to load, loading, transporting, waiting to unload, and delivering materials. Travel time would include all time spent in travel in support of a public works project whether the vehicle is empty or full. For example, travel time spent returning to a supply source to obtain another load of material for use on a public works site or returning to the public works site to obtain another load of excavated material is time spent in travel that is subject to prevailing wage. Travel to a supply source, including travel from a public works site, to obtain materials for use on a private project would not be travel subject to the prevailing wage.

(4) Workers are not subject to the provisions of chapter 39.12 RCW when they deliver materials to a stockpile.

(a) A "stockpile" is defined as materials delivered to a pile located away from the site of incorporation such that the stockpiled materials must be physically moved from the stockpile and transported to another location on the project site in order to be incorporated into the project.

(b) A stockpile does not include any of the functions described in subsection (2)(a) through (f) of this section; nor does a stockpile include materials delivered or distributed to multiple locations upon the project site; nor does a stockpile include materials dumped at the place of incorporation, or adjacent to the location and coordinated with the incorporation.

(5) The applicable prevailing wage rate shall be determined by the locality in which the work is performed. Workers subject to subsection (2)(d) of this section, who produce such materials at an off-site facility shall be paid the applicable prevailing wage rates for the county in which the off-site facility is located. Workers subject to subsection (2) of this section, who deliver such materials to a public works project site shall be paid the applicable prevailing wage rates for the county in which the public works project is located.

[Statutory Authority: Chapter 39.12 RCW, RCW 43.22.051 and 43.22.270. 08-24-101, § 296-127-018, filed 12/2/08, effective 1/2/09. Statutory Authority: Chapters 39.04 and 39.12 RCW and RCW 43.22.270. 92-01-104 and 92-08-101, § 296-127-018, filed 12/18/91 and 4/1/92, effective 8/31/92.]
Standard Plans
Standard Plans

The State of Washington Standard Plans for Road, Bridge and Municipal Construction M21-01 transmitted under Publications Transmittal No. PT 14-046, effective August 4, 2014 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

A-50.10
Sheet 2, Section B, callout, WAS-“New Tie Bar ~ #5 x 30” (IN) Epoxy Coated Reinforcing Bar” is revised to read: “New Tie Bar ~ #5 x 30” (IN)”

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

B-15.60
Table, Maximum Knockout Size column, 120° Diam., 42” is revised to read; 96”

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

B-55.20
Metal Pipe elevation, title is revised to read; “Metal Pipe and Steel Rib Reinforced Polyethylene Pipe”

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

F-10.12
Section Title, was – “Depressed Curb Section” is revised to read: “Depressed Curb and Gutter Section”

G-50.10
Delete – Plan View (bottom center of sheet)
Delete – Mounting Bracket and Steel Strap Detail
G-60.10
Sheet 4, Screen Detail, callout – "drill and Tap for ¼" diameter Cap Screw – Spacing approx. 9" o.c. ASTM F593, w/S.S. washer Liberally coat the threads with Anti-seize compound (TYP.) is revised to read: "Drill and Tap ¼" (IN) Diam. x 1" (IN) Cap Screw with washer ~ space approx. 9" o.c. ~ Liberally coat threads with Anti-seize compound (TYP.)"

Add Boxed note: * Bolts, Nuts, and washers ~ ASTM F593 or A193 Type 304 or Type 316 Stainless Steel (S.S.)

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."

G-70.10
Sheet 4, Screen Detail, callout – "drill and Tap for ¼" diameter Cap Screw – Spacing approx. 9" o.c. ASTM F593, w/S.S. washer Liberally coat the threads with Anti-seize compound (TYP.)" is revised to read: "*Drill and Tap ¼" (IN) Diam. x 1" (IN) Cap Screw with washer ~ space approx. 9" o.c. ~ Liberally coat threads with Anti-seize compound (TYP.)"

Add Boxed note: * Bolts, Nuts, and washers ~ ASTM F593 or A193 Type 304 or Type 316 Stainless Steel (S.S.)

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-10.22
Key Note 4, "Test with (SPDT Snap Action, Positive close 15 Amp ~ 120/277 volt "T" rated). Is revised to read: "Test Switch (SPDT snap action, positive close 15 amp ~ 120/277 volt "T" rated)."
J-22.15
Ramp Meter Signal Standard, elevation, dimension 4'-6" is revised to read; 6'-0"

J-28.70
Detail C, dimension, 2" MAX. is revised to read: 1" MAX.
Detail D, dimension, 2" MAX. is revised to read: 1" MAX.

J-29.10
Galvanized Welded Wire Mesh detail, callout – "Drill and Tap for ⅜" Diam. Cap Screw, 3 Places, @ 9" center, all 4 edges S.S. Screw, ASTM F593 and washer"
Is revised to read;
""Drill and Tap ⅜" (IN) Diam. x 1" (IN) Cap Screw with washer ~ space approx.. 9" o.c. ~ Liberally coat threads with Anti-seize compound (TYP.)"

Add Boxed note: * Bolts, Nuts, and washers ~ ASTM F593 or A193 Type 304 or Type 316 Stainless Steel (S.S.)

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-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"

K-80.10
Sign Installation (Fill Section), dimension, 6' TO 12' MIN. is revised to read: 12' MIN.
Sign Installation (Sidewalk and Curb Section), dimension, 6' TO 12' MIN. is revised to read:
12' MIN.
Sign Installation (Behind Traffic Barrier Section), Delete dimensions - 6' TO 12' MIN. and 6'
MIN.
Sign with Supplemental Plaque Installation (Fill Section), dimension, 6' TO 12' MIN. is
revised to read: 12' MIN.
Sign Installation (Ditch Section), dimension, 6' TO 12' MIN. is revised to read: 12' MIN.
Delete dimension – 6' MIN.

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

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

| A-10.10-00 | 8/7/07 | A-30.35-00 | 10/12/07 | A-50.20-01 | 9/22/09 |
| A-10.20-00 | 10/5/07 | A-40.00-00 | 8/11/09 | A-50.30-00 | 11/17/08 |
| A-10.30-00 | 10/5/07 | A-40.10-02 | 6/2/11 | A-50.40-00 | 11/17/08 |
| A-20.10-00 | 8/31/07 | A-40.15-00 | 8/11/09 | A-60.10-02 | 6/17/14 |
| 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 |

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| C-1b | 6/16/11 | C-6c | 1/6/00 | C-25.18-04 | 6/11/14 |
| 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-25.80-03 | 7/2/12 |
| C-2b | 6/21/06 | C-8 | 2/10/09 | C-40.14-02 | 7/2/12 |
| C-2c | 6/21/06 | C-8a | 7/25/97 | C-40.16-02 | 7/2/12 |
| C-2d | 6/21/06 | C-8b | 6/27/11 | C-40.18-02 | 7/2/12 |
| C-2e | 6/21/06 | C-8e | 2/21/07 | C-70.10-01 | 6/17/14 |
| C-2f | 3/14/97 | C-8f | 6/30/04 | C-75.10-01 | 6/11/14 |
| C-2g | 7/27/01 | C-10 | 6/3/10 | C-75.20-01 | 6/11/14 |
| C-2h | 3/28/97 | C-16a | 6/3/10 | C-75.30-01 | 6/11/14 |
| C-2i | 3/28/97 | C-16b | 6/3/10 | C-80.10-01 | 6/11/14 |
| C-2j | 6/12/98 | C-20.10-02 | 6/11/14 | C-80.20-01 | 6/11/14 |
| C-2k | 7/27/01 | C-20.14-03 | 6/11/14 | C-80.30-01 | 6/11/14 |
| C-2n | 7/27/01 | C-20.15-02 | 6/11/14 | C-80.40-01 | 6/11/14 |
| C-2o | 7/13/01 | C-20.18-02 | 6/11/14 | C-80.50-00 | 4/8/12 |</p>
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| D-2.08-00  | 11/10/05 | D-2.66-00  | 11/10/05 | D-6        | 06/19/98 |
| D-2.14-00  | 11/10/05 | D-2.68-00  | 11/10/05 | D-10.10-01 | 12/08    |
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| D-2.34-01  | 11/09    | D-2.88-00  | 11/10/05 | D-10.35-00 | 07/08    |
| D-2.36-03  | 11/11/14 | D-2.92-00  | 11/10/05 | D-10.40-01 | 12/08    |
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| D-2.62-00  | 11/10/05 | D-3.15-02  | 06/10/13 | D-15.30-01 | 12/02/12 |
| D-2.46-01  | 06/11/14 | D-3.16-02  | 05/29/13 |            |          |

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| F-10.40-02 | 06/21/12 | F-40.12-02 | 06/20/13 | F-80.10-03 | 06/11/14 |
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| G-24.20-00 | 11/08/07 | G-50.10-01 | 06/20/13 | G-90.20-02 | 03/22/13 |
| G-24.20-01 | 02/12/12 | G-60.10-02 | 06/10/13 | G-90.30-02 | 03/22/13 |
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| J-10 | J-28.10-01 | J-50.12-00 |
| 7/18/97 | 5/11/11 | 6/3/11 |
| J-10.10-02 | J-28.22-00 | J-50.15-00 |
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Improvement Plans
WEST WAPATO ROAD

WEST WAPATO ROAD
OVERLAY PROJECT
LATERAL A ROAD TO WAPATO CITY LIMITS
RC 3533

PREPARED UNDER
THE DIRECTION OF:

GARY N. EAESTER
REGISTERED SURVEYOR
COUNTY ENGINEER
DATE: 4/26/04

WEST WAPATO ROAD
OVERLAY PROJECT
LATERAL A ROAD TO WAPATO CITY LIMITS
RC 3533

COUNTY ENGINEER
DATE: 4/26/04

PROJECT ENGINEER:
KARYD KONKAIN

DRAWN BY:
J. MAJORS
CHECKED BY:
E. SCHNEIDER

PLAN/VIEWS:
FROM STA. 24+00
TO STA. 36+00

SHEET 4 OF 16
WEST WAPATO ROAD

WEST WAPATO ROAD OVERLAY PROJECT
LATERAL A ROAD TO WAPATO CITY LIMITS
RC 3533

PREPARED UNDER THE DIRECTION OF:

COUNTY ENGINEER
DATE: 8/30/94

PROJECT ENGINEER:
KARY SCHUNK

CHECKED BY:

REVISIONS

PLAN VIEWS:
FROM STA. 36+00 TO STA. 48+00

SHEET 5 OF 16
<table>
<thead>
<tr>
<th>SIGN NO.</th>
<th>MAUGIO SIGN #</th>
<th>LOCATION</th>
<th>SIGN SIZE</th>
<th>SHEETING TIMES</th>
<th>POST MATERIAL</th>
<th>POST SIZE</th>
<th>POST LENGTH</th>
<th>CLEARANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>W20-1</td>
<td>W. WAPATO RD., 1500 FT WEST OF LATERAL A RD.</td>
<td>48&quot; X 48&quot;</td>
<td>X</td>
<td>A</td>
<td>4&quot;x4&quot;</td>
<td>T</td>
<td>T</td>
</tr>
<tr>
<td>2</td>
<td>W20-1</td>
<td>W. WAPATO RD., 1500 FT WEST OF LATERAL A RD.</td>
<td>48&quot; X 48&quot;</td>
<td>X</td>
<td>A</td>
<td>4&quot;x4&quot;</td>
<td>T</td>
<td>T</td>
</tr>
<tr>
<td>3</td>
<td>W20-1</td>
<td>W. WAPATO RD., 500 FT WEST OF LATERAL A RD.</td>
<td>48&quot; X 48&quot;</td>
<td>X</td>
<td>A</td>
<td>4&quot;x4&quot;</td>
<td>T</td>
<td>T</td>
</tr>
<tr>
<td>4</td>
<td>W20-1</td>
<td>LATERAL A RD., 1000 FT NORTH OF W. WAPATO RD.</td>
<td>48&quot; X 48&quot;</td>
<td>X</td>
<td>A</td>
<td>4&quot;x4&quot;</td>
<td>T</td>
<td>T</td>
</tr>
<tr>
<td>5</td>
<td>W20-1</td>
<td>LATERAL A RD., 1000 FT SOUTH OF W. WAPATO RD.</td>
<td>48&quot; X 48&quot;</td>
<td>X</td>
<td>A</td>
<td>4&quot;x4&quot;</td>
<td>T</td>
<td>T</td>
</tr>
<tr>
<td>6</td>
<td>W20-1</td>
<td>LATERAL A RD., 1500 FT SOUTH OF W. WAPATO RD.</td>
<td>48&quot; X 48&quot;</td>
<td>X</td>
<td>A</td>
<td>4&quot;x4&quot;</td>
<td>T</td>
<td>T</td>
</tr>
<tr>
<td>7</td>
<td>W20-1</td>
<td>LATERAL A RD., 1500 FT NORTH OF W. WAPATO RD.</td>
<td>48&quot; X 48&quot;</td>
<td>X</td>
<td>A</td>
<td>4&quot;x4&quot;</td>
<td>T</td>
<td>T</td>
</tr>
</tbody>
</table>

* NOTE: POST LENGTHS SHOWN ARE APPROXIMATE (14'-16'). FINAL VALUES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR.

A) WOOD OR TELEGRAPH

**NOTES:**
1. MAUGIO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
2. FOR STRUCTURE AND MOUNTING DETAILS, SEE STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION, SERIES 6.
3. FOR CODE REFERENCES AND STANDARD SIGN LAYOUT DETAILS, SEE STANDARD HIGHWAY SIGNS MANUAL.
4. DISTANCE FROM THE EXISTING SHOULDERS, OR FACE OF CURB, TO THE SIGN POST.
5. ALL SIGNS, POSTS AND ANY OTHER TRAFFIC CONTROL DEVICES SHALL BE SUPPLIED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
6. THE POSTS SHALL NOT PROTRUSE ABOVE THE SIGNS.
### SIGN REMOVAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>SIGN NO.</th>
<th>MUTCD SIGN #</th>
<th>LOCATION</th>
<th>SIGN SIZE</th>
<th>POST MATERIAL</th>
<th>POST SIZE</th>
<th>POST SPIKE</th>
<th>REMARKS</th>
</tr>
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<tbody>
<tr>
<td>W3-1</td>
<td>WEST WAPATO RD. #10 FT EAST OF LATERAL A RD.</td>
<td>36&quot; x 36&quot;</td>
<td>METAL</td>
<td>2 x 2&quot;</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>W3-1</td>
<td>SAME AS ABOVE</td>
<td>24&quot; x 18&quot;</td>
<td>---</td>
<td>---</td>
<td>MOUNTED BELOW SIGN NO. 1</td>
<td></td>
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</tr>
<tr>
<td>SPECIAL NO. 1</td>
<td>WEST WAPATO RD., 1,050 FT EAST OF LATERAL A RD.</td>
<td>30&quot; x 30&quot;</td>
<td>METAL</td>
<td>2 x 2&quot;</td>
<td>&quot;RUMBLE STRIPS&quot;</td>
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</tr>
</tbody>
</table>

**NOTES:**
1. MUTCD (Manual on Uniform Traffic Control Devices).
2. FOR CODE REFERENCES AND STANDARD SIGN LAYOUT DETAILS, SEE THE CURRENT STANDARD HIGHWAY SIGN BOOK.
3. THE SIGNS AND POSTS SHALL BE Dismantled and DELIVERED TO THE YAKIMA COUNTY PUBLIC WORKS DEPARTMENT MAINTENANCE SHOP AT 1234 5th ST, YAKIMA, WA. 98901. CONTACT NANCY HARTMAN AT (509) 574-2996.

### PERMANENT SIGNING SPECIFICATIONS

<table>
<thead>
<tr>
<th>SIGN NO.</th>
<th>MUTCD SIGN #</th>
<th>LOCATION</th>
<th>SIGN SIZE (IN.)</th>
<th>SHEET MATERIAL</th>
<th>POST MATERIAL</th>
<th>POST SIZE (IN.)</th>
<th>CLEARANCE (FT)</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>W3-1</td>
<td>WEST WAPATO RD, 552 FT EAST OF LATERAL A RD.</td>
<td>36&quot; x 36&quot;</td>
<td>IV, METAL</td>
<td>2 x 2&quot;</td>
<td>14&quot;</td>
<td>7&quot;</td>
<td>1/2</td>
<td></td>
</tr>
<tr>
<td>W3-1</td>
<td>SAME AS ABOVE</td>
<td>24&quot; x 18&quot;</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>6.5&quot;</td>
<td>1/2</td>
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</tr>
<tr>
<td>SPECIAL NO. 1</td>
<td>WEST WAPATO RD., 1,050 FT EAST OF LATERAL A RD.</td>
<td>36&quot; x 36&quot;</td>
<td>IV, METAL</td>
<td>2 x 2&quot;</td>
<td>13&quot;</td>
<td>7&quot;</td>
<td>1/2</td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**
1. MUTCD (Manual on Uniform Traffic Control Devices).
2. FOR STRUCTURAL AND MOUNTING DETAILS, SEE STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION SERIES G.
3. FOR CODE REFERENCES AND STANDARD SIGN LAYOUT DETAILS, SEE CURRENT STANDARD HIGHWAY SIGN MANUAL.
4. ALL SIGNS, POSTS AND ANY OTHER TRAFFIC CONTROL DEVICES SHALL BE SUPPLIED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
5. THE POSTS SHALL NOT PROTRUDE ABOVE THE SIGNS.

**TYPICAL SIGN INSTALLATION**

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**PREPARED UNDER THE DIRECTION OF:**

**COUNTY ENGINEER DATE:** 8/10/14

**PROJECT ENGINEER:**

**DRAWN BY:**

**CHECKED BY:**

**REVISED:**

**SIGN REMOVAL & PERMANENT SIGNING PLAN & SPECIFICATIONS**

**SHEET 16 OF 16**