CONTRACT DOCUMENTS

COURTHOUSE SIDEWALK AND PARKING LOT IMPROVEMENT PROJECT

VOLUME 1 OF 2

YAKIMA COUNTY PUBLIC SERVICES PROJECT
PW 12017-G, PW 12018-G, & PW 12019-G
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VOLUME 2 OF 2

IMPROVEMENT PLANS
INFORMATIONAL BID DOCUMENTS
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: 3/4/13
INSTRUCTIONS TO BIDDERS

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

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

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

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

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

DATE OF OPENING BIDS
The bid opening date for this project shall be March 20, 2013.

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

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

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

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

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

YAKIMA COUNTY IS AN EQUAL OPPORTUNITY EMPLOYER
PROPOSAL

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

PW 12017-G - COURTHOUSE SIDEWALK AND PARKING LOT IMPROVEMENT PROJECT (Martin Luther King Blvd)
PW 12018-G - COURTHOUSE SIDEWALK AND PARKING LOT IMPROVEMENT PROJECT (1st St. & A St.)
PW 12019-G - COURTHOUSE SIDEWALK AND PARKING LOT IMPROVEMENT PROJECT (Parking Lot)

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

NOTE: Unit Prices for all items, all extensions, and total amount of bid shall be shown. Special Provision 1-07.2(1) Rule 171 applies to Unit Prices on Schedule A, Alternative A1 and A2 Items. Special Provision 1-07.2(2) Rule 170 applies to Unit Prices on Schedule B Items. State Sales Tax is added to the Schedule B Subtotal which is then added to Schedule A Base Bid and either Alternative A1 or A2. No oral, telephonic, facsimile, or telegraphic Bids or modifications shall be considered or accepted.

Schedule A: Roadway, Base Bid

(Ref Special Provision 1-02.6 for Alternative Bids)

The bidder shall submit a price on each and every item of work included in the base bid. The bidder shall also submit prices on each and every item under the alternative on which the bidder chooses to bid, or, if the bidder chooses to bid on more than one alternative, the bidder shall submit prices for each and every item under each alternative chosen.

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**SCHEDULE A BASE BID AMOUNT:$**

**Schedule A: Roadway, Alternative A1**
(Ref Special Provision 1-02.6 for Alternative Bids)

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<tbody>
<tr>
<td>A1-1</td>
<td>REMOVING CEMENT CONCRETE CURB</td>
<td>1,015</td>
<td>L.F.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>A1-2</td>
<td>REMOVING ASPHALT PAVEMENT</td>
<td>465</td>
<td>S.Y.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>A1-3</td>
<td>COMMERCIAL HMA</td>
<td>60</td>
<td>TON</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>A1-4</td>
<td>CEMENT CONC. TRAFFIC CURB AND GUTTER</td>
<td>1,005</td>
<td>L.F.</td>
<td>$</td>
<td>$</td>
</tr>
</tbody>
</table>

**ALTERNATIVE A1 AMOUNT:$**

**Schedule A: Roadway, Alternative A2**
(Ref Special Provision 1-02.6 for Alternative Bids)

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Approx. Quantity</th>
<th>Unit</th>
<th>Unit Price</th>
<th>Total Item Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2-1</td>
<td>REMOVING CEMENT CONCRETE CURB</td>
<td>700</td>
<td>L.F.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>A2-2</td>
<td>REMOVING ASPHALT PAVEMENT</td>
<td>396</td>
<td>S.Y.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>A2-3</td>
<td>COMMERCIAL HMA</td>
<td>40</td>
<td>TON</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>A2-4</td>
<td>CEMENT CONC. TRAFFIC CURB AND GUTTER</td>
<td>725</td>
<td>L.F.</td>
<td>$</td>
<td>$</td>
</tr>
</tbody>
</table>

**ALTERNATIVE A2 AMOUNT:$**

- CONTINUED NEXT PAGE -
## Schedule B: Parking Lot

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Approx. Quantity</th>
<th>Unit</th>
<th>Unit Price</th>
<th>Total Item Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PREPARATION</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>REMOVING CEMENT CONC. SIDEWALK</td>
<td>500</td>
<td>S.Y.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>2</td>
<td>REMOVING CEMENT CONCRETE CURB</td>
<td>905</td>
<td>L.F.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>3</td>
<td>REMOVING ASPHALT PAVEMENT</td>
<td>1,050</td>
<td>S.Y.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td><strong>GRADING</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>ROADWAY EXCAVATION INCL. HAUL</td>
<td>195</td>
<td>C.Y.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>5</td>
<td>PAVEMENT REPAIR EXCAVATION INCL. HAUL</td>
<td>650</td>
<td>S.Y.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td><strong>SURFACING</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>CRUSHED SURFACING TOP COURSE</td>
<td>175</td>
<td>TON</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td><strong>HOT MIX ASPHALT</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>SLURRY SEAL</td>
<td>9,275</td>
<td>S.Y.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>8</td>
<td>COMMERCIAL HMA</td>
<td>175</td>
<td>TON</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>9</td>
<td>COMMERCIAL HMA FOR PAVEMENT REPAIR</td>
<td>650</td>
<td>S.Y.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td><strong>IRRIGATION AND WATER DISTRIBUTION</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>PARKING LOT IRRIGATION SYSTEM</td>
<td></td>
<td>C.S.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td><strong>EROSION CONTROL AND ROADSIDE RESTORATION</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>ESC LEAD</td>
<td></td>
<td>DAY</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>12</td>
<td>INLET PROTECTION</td>
<td></td>
<td>EACH</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>13</td>
<td>TOPSOIL TYPE A</td>
<td></td>
<td>C.Y.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>14</td>
<td>PSipe SCARLET Sentinel Maple</td>
<td></td>
<td>EACH</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>15</td>
<td>PSipe CHANTICLEER FLOWERING PEAR</td>
<td></td>
<td>EACH</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>16</td>
<td>PSipe ELIJAH BLUE FESCUE</td>
<td></td>
<td>EACH</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>17</td>
<td>PSipe FEATHER REED</td>
<td></td>
<td>EACH</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>18</td>
<td>PSipe BARBERY INTERMEDIA</td>
<td></td>
<td>EACH</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td><strong>TRAFFIC</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>CEMENT CONC. TRAFFIC CURB</td>
<td>1,150</td>
<td>L.F.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>20</td>
<td>CEMENT CONC. CURB WITH DOWEL BAR</td>
<td>25</td>
<td>L.F.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>21</td>
<td>PAINT LINE</td>
<td>7,100</td>
<td>L.F.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>22</td>
<td>PAINTED TRAFFIC NUMBER</td>
<td>324</td>
<td>EACH</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>23</td>
<td>PAINTED TRAFFIC ARROW</td>
<td>3</td>
<td>EACH</td>
<td>$</td>
<td>$</td>
</tr>
</tbody>
</table>

- CONTINUED NEXT PAGE -
<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Approx. Quantity</th>
<th>Unit</th>
<th>Unit Price</th>
<th>Total Item Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>PARKING CONTROL SYSTEM</td>
<td>1</td>
<td>L.S.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>25</td>
<td>CCTV SYSTEM</td>
<td>1</td>
<td>L.S.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>26</td>
<td>PERMANENT SIGNING</td>
<td>1</td>
<td>L.S.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td></td>
<td><strong>OTHER ITEMS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>ADJUST CATCH BASIN</td>
<td>3</td>
<td>EACH</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>28</td>
<td>ADJUST CLEAN OUT</td>
<td>3</td>
<td>EACH</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>29</td>
<td>CEMENT CONC. SIDEWALK</td>
<td>270</td>
<td>S.Y.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>30</td>
<td>DETECTABLE WARNING SURFACE</td>
<td>26</td>
<td>S.F.</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>31</td>
<td>DECORATIVE FENCE</td>
<td>496</td>
<td>LF</td>
<td>$</td>
<td>$</td>
</tr>
</tbody>
</table>

**SCHEDULE B SUBTOTAL** $  

**+WASHINGTON STATE SALES TAX 8.25% $**  

**=SCHEDULE B AMOUNT $**  

---

**Project Total(s)**  
*(Ref Special Provision 1-02.6 for Alternative Bids)*

**Schedule A, Base Bid + Alternative A1+Schedule B**

Schedule A Base Bid Amount = $__________  
+Alternative A1 Amount = +$__________  
+Schedule B Amount = +$__________  
**Project Total** = $__________  

And/Or

**Schedule A, Base Bid + Alternative A2+Schedule B**

Schedule A Base Bid Amount = $__________  
+Alternative A2 Amount = +$__________  
+Schedule B Amount = +$__________  
**Project Total** = $__________  

---

- CONTINUED NEXT PAGE -
PROPOSAL - Continued

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

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

CASH [ ] IN THE AMOUNT OF __________________

CASHIER'S CHECK [ ] _______________________________ DOLLARS

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

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

Bidder acknowledges receipt of the following Addendums:

No. Date

___ ___

___ ___

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

SIGNATURE OF AUTHORIZED OFFICIAL(S)

__________________________
Title:

__________________________
Firm Name:

__________________________
Address:

__________________________
Phone No.:

Washington Registration No.:

Federal ID Tax No.:

UBI No.:

E-Mail:

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

__________________________
NOTARY PUBLIC
My appointment expires ________________________

(Seal and Stamp)

NOTE: (1) This proposal is not transferable and any alteration of the firm's name entered hereon without prior permission from the County Engineer shall be cause for considering the proposal irregular and subsequent rejection of the bid.
(2) Please refer to Section 1-02.6 of the Standard Specifications, re: "Preparation of Proposal".
(3) Should it be necessary to modify this proposal either in writing or by electronic means, please make reference to the following proposal number in your communications PW12017-G, PW12018-G & PW12019-G.
LETTER OF RESPONSIBILITY

Date: ___________________________
County Road Project No.: PW12017-G,
PW12018-G & PW12019-G

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

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:

PW 12017-G, PW 12018-G & PW 12019-G – Courthouse Sidewalk and Parking Lot Improvement
Project

I have the following equipment available for this work:

___________________________________________________________________________

___________________________________________________________________________

___________________________________________________________________________

___________________________________________________________________________

c. I have adequate funds to promptly meet obligations incident to this work.
   Bank reference: ________________________________
   ________________________________
   ________________________________

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

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

Very truly yours,

____________________________
Contractor

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

In interpreting these specifications, the following definitions shall prevail:


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

BOARD: The Board of County Commissioners of Yakima County.

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

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

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

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

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

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

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

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

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

NON-COLLUSION DECLARATION

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

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

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

NOTICE TO ALL BIDDERS

To report rigging activities call:

1-800-424-9071

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

The "hotline" is part of USDOT's continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the USDOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.
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 PW 12017-G, PW 12018-G & PW 12019-G: Courthouse Sidewalk and Parking Lot Improvement Project, and shall perform any changes in the work in accordance with the Contract Documents, which include the Contract Form, Bidder’s completed Proposal Form, Scope of Work, Contract Plans, Contract Provisions, Standard Specifications, Standard Plans, Addenda, various certifications and affidavits, supplemental agreements, and any change orders.

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

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

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

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

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

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

CONTRACTOR:

Signed: _______________, 2016

______________________________  
Signature for Contractor

Print or Type Name of Person Signing

______________________________  
Title

Foregoing Contract approved and ratified

_____________________________, 20___

Surety

______________________________  
Attorney in fact

BOARD OF YAKIMA COUNTY COMMISSIONERS

Signed: ________________, 2013

______________________________  
Michael D. Leita, Chairman

______________________________  
Kevin J. Bouchey, Commissioner

______________________________  
J. Rand Elliott, Commissioner

Constituting the Board of County Commissioners for Yakima County, Washington

ATTEST: Clerk of the Board

______________________________  
Tiera Girard

Approved as to form:

______________________________  
Deputy Prosecuting Attorney

COURTHOUSE SIDEWALK AND PARKING LOT IMPROVEMENT PROJECT

COUNTY PROJECT NO. – PW12017-G, PW12018-G & PW12019-G

INFORMATIONAL BID DOCUMENTS

13
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 PW 12017-G, PW 12018-G & PW 12019-G: Courthouse Sidewalk and Parking Lot Improvement Project, according to the maps, plans and specifications made a part of said Contract, which Contract is attached hereto and by this reference is incorporated herein and made a part hereof. FURTHER, the SURETY agrees to be bound by the laws of the State of Washington and subjected to the jurisdiction of the State of Washington.

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

Dated this _____ day of______________________, 20___

PRINCIPAL

By:_________________________ By:_________________________

Title:_________________________

SURETY

By:_________________________ Attorney-in-Fact

Date:_________________________ 20___

Chair of the Board of
Yakima County Commissioners

Approved as to form:

Deputy Prosecuting Attorney

Name of Local Office of Agent

Address of Local Office Agent

BOND NUMBER ________________________________

YAKIMA COUNTY CONTRACT NUMBER

COURTHOUSE SIDEWALK AND PARKING LOT IMPROVEMENT PROJECT

COUNTY PROJECT NO. – PW12017-G, PW12018-G & PW12019-G

INFORMATIONAL BID DOCUMENTS 14
AMENDMENTS TO
THE STANDARD
SPECIFICATIONS
INTRODUCTION

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

AMENDMENTS TO THE STANDARD SPECIFICATIONS

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

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

Section 1-01, Definition and Terms
August 6, 2012

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

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

The definition for “Superstructures” is revised to read:

The part of the Structure above:

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

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

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

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

Superstructures do not include endwalls, wingwalls, barrier and railing attached to the wingwalls, and cantilever barriers and railings unless supported by the Superstructure.
Section 1-02, Bid Procedures and Conditions
January 2, 2012

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

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

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

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

1-03.1(1) Identical Bid Totals

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

1-05.13(1) Emergency Contact List
The second sentence in the first paragraph is revised to read:

The list shall include, at a minimum, the Prime Contractor’s Project Manager, or equivalent, the Prime Contractor’s Project Superintendent, the Erosion and Sediment Control (ESC) Lead and the Traffic Control Supervisor.

Section 1-06, Control of Material
January 7, 2013

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

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

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

The footnote below the table is revised to read:

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

Section 1-07, Legal Relations and Responsibilities to the Public

January 7, 2013

1-07.1 Laws to be Observed

The following two sentences are inserted after the first sentence in the third paragraph:

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

1-07.9(2) Posting Notices

This section is revised to read:

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


2. FHWA-1022 (revised 11/11) - NOTICE Federal-Aid Project published by Federal Highway Administration (FHWA). Post for projects with federal-aid funding

3. WH 1321 (revised 04/09) - Employee Rights under the Davis-Bacon Act published by US Department of Labor. Post for projects with federal-aid funding
4. WHD 1088 (revised 07/09) - Employee Rights under the Fair Labor Standards Act published by US Department of Labor. Post on all projects

5. WHD - 1420 (revised 01/09) - Employee Rights and Responsibilities under The Family and Medical Leave Act published by US Department Of Labor. Post on all projects

6. WHD-1462 (revised 01/12) – Employee Polygraph Protection Act published by US Department of Labor. Post on all projects

7. F416-081-909 (revised 12/12) - Job Safety and Health Law published by Washington State Department of Labor and Industries. Post on all projects

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

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

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

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

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

1-07.14 Responsibility for Damage

The fifth paragraph is revised to read:

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

1-07.15 Temporary Water Pollution/Erosion Control

The third paragraph is deleted.

Section 1-08, Prosecution and Progress

April 2, 2012

1-08.1 Subcontracting

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

1-08.3(1) General Requirements

The following new paragraph is inserted after the first paragraph:

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

1-08.7 Maintenance During Suspension

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

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

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

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

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

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

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

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

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

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

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

Section 5-04, Hot Mix Asphalt
January 7, 2013

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

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

5-04.3(7)A1 General
This section is supplemented with the following:

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

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

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

5-04.3(10)B3 Vacant

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

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

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

5-04.4 Measurement
The last paragraph is deleted.

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

Section 6-02, Concrete Structures
January 7, 2013

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

****145

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

****Maximum of 200 pounds

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

When both ground granulated blast furnace slag and fly ash are included in the concrete mix, the total weight of both these materials is limited to 40 percent by weight of the total cementitious material for concrete Class 4000D and 4000A, and 50 percent by weight of the total cementitious material for all other classes of concrete.
6-02.3(2)B Commercial Concrete
The second paragraph is revised to read:

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

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

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

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

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

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

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

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

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

1. Surface preparation
2. Application methods
3. Requirements for concrete curing prior to sealer application
4. Temperature, humidity and precipitation limitations for application
5. Rate of application and number of coats to apply
The Contractor shall not begin applying pigmented sealer to the surfaces specified to receive the sealer until receiving the Engineer’s approval of the submittal.

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

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

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

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

Section 7-04, Storm Sewers
August 6, 2012

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

Note 4 in the table titled, “Storm Sewer Pipe Schedules” is revised to read:

4PP = Polypropylene Pipe, 12 inch to 30 inch approved for Schedule A and Schedule B, 36 inch to 60 inch diameters approved for Schedule A only.

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

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

Section 7-05, Manholes, Inlets, Catch Basins, and Drywells
April 2, 2012

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

Leveling and adjustment devices that do not modify the structural integrity of the metal frame, grate or cover, and do not void the originating foundry’s compliance to these specifications and warranty is allowed. Approved leveling devices are listed in the Qualified Products List. Leveling and adjusting devices that interfere with the backfilling, backfill density, grouting and asphalt density will not be allowed. The hardware for leveling and adjusting devices shall be completely removed when specified by the Project Engineer.
Section 7-08, General Pipe Installation Requirements
August 6, 2012

7-08.3(2)D Pipe Laying – Steel or Aluminum
The following new sentence is inserted after the first sentence in the second paragraph:
The paint shall cover all the surface in contact with the concrete and extend one inch beyond the point of contact.

Section 8-01, Erosion Control and Water Pollution Control
January 7, 2013

8-01.2 Materials
The first paragraph is revised to read:
Materials shall meet the requirements of the following sections:
Corrugated Polyethylene Drain Pipe 9-05.1(6)
Quarry Spalls 9-13
Seed 9-14.2
Fertilizer 9-14.3
Mulch and Amendments 9-14.4
Tackifiers 9-14.4(7)
Erosion Control Devices 9-14.5
High Visibility Fence 9-14.5
Construction Geotextile 9-33

8-01.3(2)D Mulching
The following two new paragraphs are inserted after the fourth paragraph:
Short-Term Mulch shall be hydraulically applied at the rate of 2500 pounds per acre and may be applied in one lift.

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

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

Soil Binding Using Polyacrylamide (PAM) — The PAM shall be applied on bare soil completely dissolved and mixed in water or applied as a dry powder. Dissolved PAM shall be applied at a rate of not more than ½ pound per 1,000 gallons of water per acre. A minimum of 200 pounds per acre of Short-Term Mulch shall be applied with the dissolved PAM. Dry powder applications may be at a rate of 5 pounds per acre using a hand-held fertilizer spreader or a tractor-mounted spreader.
PAM shall be applied only to areas that drain to completed sedimentation control BMPs in accordance with the TESC Plan. PAM may be reapplied on actively worked areas after a 48-hour period.

PAM shall not be applied during rainfall or to saturated soils

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

Note 1 of the table in the first paragraph is revised to read:

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

The third paragraph is deleted.

8-01.3(3) Placing Erosion Control Blanket
This section including title is revised to read:

8-01.3(3) Placing Biodegradable Erosion Control Blanket
Biodegradable Erosion Control Blankets are used as an erosion prevention device and to enhance the establishment of vegetation. Erosion control blankets shall be installed according to the manufacturer's recommendations.

Seeding and fertilizing shall be done prior to blanket installation.

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

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

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

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

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

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

8-01.3(6) Check Dams
This section is revised to read:
Check dams shall be installed as soon as construction will allow, or when designated by the Engineer. The Contractor may substitute a different check dam, in lieu of what is specified in the contract, with approval of the Engineer. The check dam is a temporary or permanent structure, built across a minor channel. Water shall not flow through the check dam structure. Check dams shall be constructed in a manner that creates a ponding area upstream of the dam to allow pollutants to settle, with water from increased flows channeled over a spillway in the check dam. The check dam shall be constructed to prevent erosion in the area below the spillway. Check dams shall be placed perpendicular to the flow of water and installed in accordance with the Standard Plans. The outer edges shall extend up the sides of the conveyance to prevent water from going around the check dam. Check dams shall be of sufficient height to maximize detention, without causing water to leave the ditch. Check dams shall meet the requirements in Section 9-14.5(4).

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

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

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

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

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

8-01.3(6)A Coir Log

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

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

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

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

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

8-01.3(9)C Vacant
8-01.3(11) Vacant
This section including title is revised to read:

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

8-01.3(13) Temporary Curb
This section is revised to read:
Temporary curbs shall divert or redirect water around erodible soils.
Temporary curbs shall be installed along pavement edges to prevent runoff from flowing onto erodible slopes. Water shall be directed to areas where erosion can be controlled. The temporary curbs shall be a minimum of 4 inches in height. Ponding shall not be in roadways.

8-01.4 Measurement
The third paragraph is revised to read:
Check dams will be measured per linear foot one time only along the completed check dam. No additional measurement will be made for check dams that are required to be rehabilitated or replaced due to wear.
The ninth paragraph is deleted.
The twelfth paragraph (after the preceding amendment is applied) is revised to read:
Seeding, fertilizing, liming, mulching, mowing, and tackifier will be measured by the acre by ground slope measurement or through the use of design data.
This section is supplemented with the following:
Outlet Protection will be measured per each initial installation at an outlet location.

8-01.5 Payment
The bid item “Straw Bale”, per each is deleted.
The bid item “___Erosion Control Blanket”, per square yard is deleted.
The bid item “Soil Binder or Tackifying Agent”, per acre is deleted.
This section is supplemented with the following:
“Outlet Protection”, per each.
The unit Contract price per each for “Outlet Protection” shall be full payment for all costs incurred to complete the Work.
“Tackifier”, per acre.
The unit Contract price per acre for “Tackifier” shall be full payment for all costs incurred to complete the Work.
“Biodegradable Erosion Control Blanket”, per square yard.
The unit Contract price per square yard for “Biodegradable Erosion Control Blanket” shall be full pay for all costs to complete the specified Work.

Section 8-02, Roadside Restoration
August 6, 2012

In this section, “psiPE” is revised to read “PSIPE”.

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

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

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

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

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

Section 8-03, Irrigation Systems
April 2, 2012

8-03.3(7) Flushing and Testing
The fifth paragraph is deleted.

8-04.AP8
Section 8-04, Curbs, Gutters, and Spillways
April 2, 2012

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

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

8-04.4 Measurement
This section is supplemented with the following:

Roundabout splitter island nosing curb will be measured per each.

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

This section is supplemented with the following:
“Roundabout Cement Concrete Curb and Gutter”, per linear foot

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

“Roundabout Splitter Island Nosing Curb”, per each.

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

Section 8-07, Precast Traffic Curb and Block Traffic Curb
January 7, 2013

This section’s title is revised to read:

8-07 Precast Traffic Curb

8-07.1 Description
This section is revised to read:

This Work consists of furnishing and installing precast traffic sloped mountable curb or dual faced sloped mountable curb of the design and type specified in the Plans in accordance with these Specifications and the Standard Plans in the locations indicated in the Plans or as staked by the Engineer.

8-07.2 Materials
The material reference “Block Traffic Curb 9-18.3” is deleted from this section.

The referenced section for the following item is revised to read:

Paint 9-34.2

8-07.3(1) Installing Curbs
The fifth and seventh paragraphs are deleted from this section.

8-07.4 Measurement
The first paragraph is deleted from this section.

8-07.5 Payment
The following bid items are deleted from this section:

“Type A Precast Traffic Curb”, per linear foot.
“Type C Precast Traffic Curb”, per linear foot.
“Type A Block Traffic Curb”, per linear foot.
“Type C Block Traffic Curb”, per linear foot.
Section 8-20, Illumination, Traffic Signal Systems, And Electrical
August 6, 2012

8-20.3(4) Foundations
The first paragraph is revised to read:

Foundation concrete shall conform to the requirements for the specified class, be cast-in-place concrete and be constructed in accordance with Sections 6-02.2 and 6-02.3. Concrete for Type II, III, IV, V, and CCTV signal standards and light standard foundations shall be Class 4000P. Concrete for pedestals and cabinets, Type PPB, PS, I, FB, and RM signal standards and other foundations shall be Class 3000. Concrete placed into an excavation where water is present shall be placed using an approved tremie. If water is not present, the concrete shall be placed such that the free-fall is vertical down the center of the shaft without hitting the sides, the steel reinforcing bars, or the steel reinforcing bar cage bracing. The Section 6-02.3(6) restriction for 5-feet maximum free-fall shall not apply to placement of Class 4000P concrete into a shaft. Steel reinforcing bars for foundations shall conform to Section 9-07.

8-20.3(9) Bonding, Grounding
The first sentence in the second paragraph is replaced with the following two sentences:

All conduit installed shall have an equipment ground conductor installed in addition to the conductors noted in the Contract. Conduit with innerducts shall have an equipment ground conductor installed in each innerduct that has an electrical conductor.

Section 8-21, Permanent Signing
January 7, 2013

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

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

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

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

This section is supplemented with the following:

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

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

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

1. The Contractor shall submit design calculations and working drawings of the temporary supports and falsework supporting the sign bridge near the location of the incomplete foundation to the Engineer for approval in accordance with Section 6-01.9. The submittal shall include the method of releasing and removing the temporary supports and falsework without inducing loads and stress into the sign bridge.

2. The Contractor shall submit the method used to secure the anchor bolt array in proper position with the sign bridge while casting the shaft cap concrete to complete the foundation.

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

8-21.3(9)F Foundations

The following new paragraph is inserted after the second paragraph:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Section 8-22, Pavement Marking
January 7, 2013

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

Grooved line pavement marking shall not be constructed on bridge decks or on bridge approach slabs.

8-22.3(6) Removal of Pavement Markings
The following two new sentences are inserted after the first sentence:
Grinding to remove painted markings is not allowed. Grinding to remove plastic marking is allowed to a depth just above the pavement surface, then water blasting or shot blasting shall be required to remove the remaining markings.

8-22.4 Measurement
The items “Painted Wide Line” and “Plastic Wide Line” are deleted from the fourth paragraph.

The sixth paragraph is revised to read:

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

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

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

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

8-22.5 Payment
The bid items “Painted Wide Line”, per linear foot and “Plastic Wide Line”, per linear foot are deleted from this section.

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

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

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

The unit Contract price for the aforementioned Bid items shall be full payment for all costs to perform the Work as described in Section 8-22.

Section 9-02, Bituminous Materials
January 7, 2013

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

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

Section 9-03, Aggregates
January 7, 2012

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

9-03.13 Backfill for Sand Drains
This section is supplemented with the following:
That portion of backfill retained on a No. 4 sieve shall not contain more than 0.05 percent by weight of wood waste.

9-03.13(1) Sand Drainage Blanket

The last paragraph is revised to read:

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

9-03.14(1) Gravel Borrow

Note 1 is deleted, including the reference in the table.

9-03.14(2) Select Borrow

Note 1 is deleted.

Note 2 is re-numbered Note 1, including the reference in the table.

9-03.14(4) Gravel Borrow for Geosynthetic Retaining Wall

This section is revised to read:

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

<table>
<thead>
<tr>
<th>Sieve Size</th>
<th>Percent Passing</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 ¼”</td>
<td>99-100</td>
</tr>
<tr>
<td>1”</td>
<td>90-100</td>
</tr>
<tr>
<td>No. 4</td>
<td>50-80</td>
</tr>
<tr>
<td>No. 40</td>
<td>30 max.</td>
</tr>
<tr>
<td>No. 200</td>
<td>7.0 max.</td>
</tr>
<tr>
<td>Sand Equivalent</td>
<td>50 min.</td>
</tr>
</tbody>
</table>

All percentages are by weight

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

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

9-03.21(1) General Requirements

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

Hot Mix Asphalt, Concrete Rubble, Recycled Glass (glass cullet), and Steel Furnace Slag may be used as, or blended uniformly with naturally occurring materials for aggregates.
9-03.21(1)C Vacant
This section including title is revised to read:

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

9-03.21(1)E Table on Maximum Allowable Percent (By Weight) of Recycled Material
The column heading “Recycled Glass” is revised to read “Recycled Glass (Glass Cullet) in the table.

In the column “Recycled Glass (Glass Cullet)” all amounts are revised to read “20” beginning with the item “Ballast” and continuing down until the last item in the table.

Section 9-04, Joint And Crack Sealing Materials
January 7, 2013

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

9-04.2(3) Polyurethane Sealant
Polyurethane sealant shall conform to ASTM C 920 Type S Grade NS Class 25 Use M.

Polyurethane sealant shall be compatible with the closed cell foam backer rod. When required, compatibility characteristics of sealants in contact with backer rods shall be determined by Test Method ASTM C 1087.

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

9-04.10 Crack Sealing – Rubberized Asphalt
This section is deleted.

9-04.11 Butyl Rubber and Nitrile Rubber
This sections number is revised to read:

9-04.10

Section 9-05, Drainage Structures, Culverts, and Conduits
January 7, 2013

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

9-05.0 Acceptance and Approval of Drainage Structures, and Culverts
The Drainage Structure or Culvert may be selected from the Qualified Products List, or submitted using a Request for Approval of Materials (RAM) in accordance with Section 1-06.
Certain drainage materials may be accepted by the Engineer based on a modified acceptance criteria when materials are selected from the Qualified Products List (QPL). The modified acceptance criteria are defined in the QPL for each material.

9-05.1(6) Corrugated Polyethylene Drain Pipe, Couplings, and Fittings (Up to 10 Inch)
This section is supplemented with the following:
Corrugated polyethylene drain pipe manufacturers shall participate in the National Transportation Product Evaluation Program (NTPEP) work plan for HDPE (High Density Polyethylene) Thermoplastic Pipe and be listed on the NTPEP audit website displaying they are NTPEP compliant.

9-05.1(7) Corrugated Polyethylene Drain Pipe, Couplings, and Fittings (12 Inch Through 60 Inch)
This section is supplemented with the following:
Corrugated polyethylene drain pipe manufacturers shall participate in the National Transportation Product Evaluation Program (NTPEP) work plan for HDPE (High Density Polyethylene) Thermoplastic Pipe and be listed on the NTPEP audit website displaying they are NTPEP compliant.

9-05.2(7) Perforated Corrugated Polyethylene Underdrain Pipe (Up to 10 Inch)
This section is supplemented with the following:
Perforated corrugated polyethylene underdrain pipe manufacturers shall participate in the National Transportation Product Evaluation Program (NTPEP) work plan for HDPE (High Density Polyethylene) Thermoplastic Pipe and be listed on the NTPEP audit website displaying they are NTPEP compliant.

9-05.2(8) Perforated Corrugated Polyethylene Underdrain Pipe (12-Inch Through 60 Inch Diameter Maximum), Couplings, and Fittings
This section is supplemented with the following:
Perforated corrugated polyethylene underdrain pipe manufacturers shall participate in the National Transportation Product Evaluation Program (NTPEP) work plan for HDPE (High Density Polyethylene) Thermoplastic Pipe and be listed on the NTPEP audit website displaying they are NTPEP compliant.

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

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

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

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

The first paragraph is revised to read:

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

This section is supplemented with the following:

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

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

All joints for polypropylene pipe shall be made with a bell/bell or bell and spigot coupling and shall conform to ASTM D 3212 using elastomeric gaskets conforming to ASTM F 477. All gaskets shall be factory installed on the pipe in accordance with the producer’s recommendations.

Qualification for each producer of polypropylene storm sewer pipe requires joint system conformance to ASTM D 3212 using elastomeric gaskets conforming to ASTM F 477 and a formal quality control plan for each plant proposed for consideration.

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

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

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

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

9-05.24(2) Polypropylene Sanitary Sewer Pipe
Polypropylene sanitary sewer pipe shall conform to the following requirements:
1. For pipe sizes up to 30 inches: ASTM F2736.
2. For pipe sizes from 30 to 60 inches: ASTM F2764.
3. Fittings shall be factory welded, injection molded or PVC.

Section 9-14, Erosion Control and Roadside Planting
January 7, 2013

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

It may be separate or in a mixture containing the percentage of total nitrogen, available phosphoric acid, and water-soluble potash or sulfur in the amounts specified.

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

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

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

<table>
<thead>
<tr>
<th>Heavy Metals</th>
<th>EPA 6020A Total Metals</th>
<th>Antimony – &lt;4 mg/kg</th>
<th>Arsenic – &lt;6 mg/kg</th>
<th>Barium – &lt;80 mg/kg</th>
<th>Boron – &lt;160 mg/kg</th>
<th>Cadmium – &lt;2 mg/kg</th>
<th>Total Chromium – &lt;4 mg/kg</th>
<th>Copper – &lt;10 mg/kg</th>
<th>Lead – &lt;5 mg/kg</th>
<th>Mercury – &lt;2 mg/kg</th>
<th>Nickel – &lt;2 mg/kg</th>
<th>Selenium – &lt;10 mg/kg</th>
<th>Strontium – &lt;30 mg/kg</th>
<th>Zinc – &lt;30 mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Holding Capacity</td>
<td>ASTM D 7367</td>
<td>800 percent minimum</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

This section is supplemented with the following new paragraph:

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

9-14.4(8) Compost
The second paragraph is revised to read:
Compost production and quality shall comply with WAC 173-350 and for biosolids composts, WAC 173-308.

The third paragraph is to read:

Compost products shall meet the following physical criteria:

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

Fine compost shall meet the following gradation:

<table>
<thead>
<tr>
<th>Sieve Size</th>
<th>Percent Passing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Minimum</td>
</tr>
<tr>
<td>1&quot;</td>
<td>100</td>
</tr>
<tr>
<td>(\frac{3}{4}&quot;)</td>
<td>90</td>
</tr>
<tr>
<td>(\frac{1}{4}&quot;)</td>
<td>75</td>
</tr>
</tbody>
</table>

Note Maximum particle length of 4 inches.

Medium compost shall meet the following gradation:

<table>
<thead>
<tr>
<th>Sieve Size</th>
<th>Percent Passing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Minimum</td>
</tr>
<tr>
<td>1&quot;</td>
<td>100</td>
</tr>
<tr>
<td>(\frac{3}{4}&quot;)</td>
<td>85</td>
</tr>
<tr>
<td>(\frac{1}{4}&quot;)</td>
<td>70</td>
</tr>
</tbody>
</table>

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

Coarse compost shall meet the following gradation:

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

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

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

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

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

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

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

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

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

9-14.4(8)A Compost Approval
This section’s title is revised to read:

9-14.4(8)A Compost Submittal Requirements

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

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

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

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

9-14.5(1) Polyacrylamide (PAM)
The third sentence is replaced with the following two new sentences:

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

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

Biodegradable erosion control blankets shall be made of natural plant fibers, and all netting material, if present, shall biodegrade within a life span not to exceed 2 years.

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

9-14.5(2)A Approval and Acceptance of Biodegradable Erosion Control Blankets

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

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

Table 6

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

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

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

Table 7

<table>
<thead>
<tr>
<th>Properties</th>
<th>ASTM Test Method</th>
<th>Slope Flatter than 3:1 Requirements</th>
</tr>
</thead>
</table>
### Table 8

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

*MD is Machine Design and XD is Cross Direction
**Natural Resource Conservation Services
9-14.5(4) Geotextile Encased Check Dam
This section including title is revised to read:

9-14.5(4) Check Dams
All materials used for check dams shall be non-toxic and not pose a threat to wildlife when installed.

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

9-14.5(4)A Biodegradable Check Dams
Biodegradable check dams shall meet the following requirements:

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

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

1. Made of natural plant fiber.
2. Netting if present shall be biodegradable.

9-14.5(4)B Non-biodegradable Check Dams
Non-biodegradable check dams shall meet the following requirements:

1. Geotextile materials shall conform to section 9-33 for silt fence.
2. Other such devices that fulfill the requirements of section 9-14.5(4) and shall be approved by the Engineer prior to installation.

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

Section 9-18, Precast Traffic Curb and Block Traffic Curb
August 6, 2012

This section’s title is revised to read:

9-18 Precast Traffic Curb

9-18.3 Block Traffic Curb
This section including title is revised to read:

9-18.3 Vacant
Section 9-20, Concrete Patching Material, Grout, and Mortar
January 2, 2012

9-20.3(3) Grout Type 3 for Unconfined Bearing Pad Applications
This section is revised to read:
Grout Type 3 shall be a prepackaged material meeting the requirements of ASTM C 928 – Table 1, R2 Concrete or Mortar.

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

Section 9-23, Concrete Curing Materials and Admixtures
April 2, 2012

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

Section 9-28, Signing Materials and Fabrication
September 17, 2012

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

Section 9-29, Illumination, Signal, Electrical
January 7, 2013

9-29.1(4) Non-Metallic Conduit
This section is supplemented with the following new sub-section:

9-29.1(4)D Deflection Fittings
Deflection Fittings for use with rigid PVC conduit shall be as described in 9-29.1(2)A

9-29.2 Junction Boxes, Cable Vaults, and Pull Boxes
The section is supplemented with the following:
The Contractor shall perform quality control inspection. The Contracting Agency intends to perform Quality Assurance Inspection. By its inspection, the Contracting Agency intends only to verify the quality of that Work. This inspection shall not relieve the Contractor of any responsibility for identifying and replacing defective material and workmanship. Prior to the start of production of the precast concrete units, the Contractor shall advise the Engineer of the production schedule. The Contractor shall give the Inspector safe and free access to the Work. If the Inspector observes any nonspecification Work or unacceptable quality control practices, the Inspector will advise the plant manager. If the corrective action is not acceptable to the Engineer, the unit(s) will be rejected.

9-29.2(1) Standard Duty and Heavy-Duty Junction Boxes
The third paragraph is deleted and replaced with the following new paragraphs:
The Contractor shall provide shop drawings for all components, including the concrete box, and lid and the shop drawings shall show placement of reinforcing steel. The shop drawing shall be prepared by (or under the direct supervision of) a Professional Engineer, licensed under Title 18
RCW, State of Washington, in the branch of Civil or Structural, and each sheet shall carry the following:

1. Professional Engineer’s original signature, date of signature, original seal, registration number, and date of expiration.

2. The initials and dates of all participating design professionals

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

4. Design calculations shall carry on the cover page, the Professional Engineer’s original signature, date of signature, original seal, registration number, and date of expiration.

For each type of junction box, or whenever there is a change to the junction box design, a proof test, as defined in this Specification, shall be performed and new shop drawings submitted.

9-29.2(1)A Standard Duty Junction Boxes

The sub-paragraph’s titled “Concrete Junction Boxes” are revised to read:

Concrete Junction Boxes

The Standard Duty Concrete Junction Box steel frame, lid support, and lid shall be painted with a black paint containing rust inhibitors or painted with a shop applied, inorganic zinc primer in accordance with Section 6-07.3, or hot-dip galvanized in accordance with AASHTO M 111. All Standard Duty Concrete Junction Boxes placed in sidewalks, walkways, and shared-use paths shall have slip-resistant surfaces. Slip-resistant lids and frames shall be hot dip galvanized.

Concrete used in Standard Duty Junction Boxes shall have a minimum compressive strength of 6,000 psi when reinforced with a welded wire hoop, or 4,000 psi when reinforced with welded wire fabric or fiber reinforcement. The frame shall be anchored to the box by welding headed studs ¾ by 3 inches long, as specified in Section 9-06.15, to the frame. The wire fabric shall be attached to the studs and frame with standard tie practices. The box shall contain ten studs located near the centerline of the frame and box wall. The studs shall be placed one anchor in each corner, one at the middle of each width and two equally spaced on each length of the box.

Materials for Type 1, 2, and 8 Concrete Junction Boxes shall conform to the following:

<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>Fiber Reinforcing</td>
<td>ASTM C 1116, Type III</td>
</tr>
<tr>
<td>Lid</td>
<td>ASTM A 786 diamond plate steel</td>
</tr>
<tr>
<td>Slip Resistant Lid</td>
<td>ASTM A 36 steel</td>
</tr>
<tr>
<td>Frame</td>
<td>ASTM A 786 diamond plate steel or ASTM A36 steel</td>
</tr>
<tr>
<td>Slip Resistant Frame</td>
<td>ASTM A 36 steel</td>
</tr>
<tr>
<td>Lid Support</td>
<td>ASTM A 36, or ASTM A1011 Grade SS</td>
</tr>
<tr>
<td>Handle &amp; Handle support</td>
<td>ASTM A 36 steel or ASTM A1011 Grade CS or SS</td>
</tr>
<tr>
<td>Anchors (studs)</td>
<td>Section 9-06.15</td>
</tr>
</tbody>
</table>
Bolts, Studs, Nuts, Washers | ASTM F 593 or A 193, Type 304 or 316, or Stainless Steel grade 302, 304, or 316 steel in accordance with approved shop drawing

Locking and Latching Mechanism Hardware and Bolts | In accordance with approved shop drawings

9-29.2(1)B Heavy Duty Junction Boxes

The section is revised to read:

Heavy-Duty Junction Boxes shall be concrete and have a minimum vertical load rating of 46,000 pounds without permanent deformation and 60,000 pounds without failure when tested in accordance with Section 9-29.2(1)C.

The Heavy-Duty Junction Box steel frame, lid support and lid shall be painted with a shop applied, inorganic zinc primer in accordance with Section 6-07.3.

Materials for Type 4, 5, and 6 Concrete Junction Boxes shall conform to the following:

<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.</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</td>
</tr>
<tr>
<td>Handle</td>
<td>ASTM A 36 steel or ASTM A 1011 Grade CS or SS</td>
</tr>
<tr>
<td>Anchors (studs)</td>
<td>Section 9-06.15</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 drawing</td>
</tr>
<tr>
<td>Hinges and Locking and Latching Mechanism Hardware and Bolts</td>
<td>In accordance with approved shop drawings</td>
</tr>
</tbody>
</table>

The lid stiffener plates shall bear on the frame, and be milled so that there is full even contact, around the perimeter, between the bearing seat and lid stiffener plates, after fabrication of the frame and lid. The bearing seat and lid perimeter bar 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 bar 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(1)C  Testing Requirements

The first paragraph is revised to read:

The Contractor shall provide for testing of junction boxes, cable vaults and pull boxes. Junction boxes, cable vaults and pull boxes shall be tested by an independent materials testing facility, and a test report issued documenting the results of the tests performed.

The second paragraph is revised to read:

For concrete junction boxes, vaults and pull boxes, the independent testing laboratory shall meet the requirements of AASHTO R 18 for Qualified Tester and Verified Test Equipment. The test shall be conducted in the presence of a Professional Engineer, licensed under Title 18 RCW, State of Washington, in the branch of Civil or Structural, and each test sheet shall have the Professional Engineer’s original signature, date of signature, original seal, registration number, and date of expiration. One copy of the test report shall be furnished to the Contracting Agency certifying that the box and cover meet or exceed the loading requirements for a concrete junction box, and shall include the following information:

1. Product identification.
2. Date of testing.
3. Description of testing apparatus and procedure.
4. All load deflection and failure data.
5. Weight of box and cover tested.
6. Upon completion of the required test(s) the box shall be loaded to failure.
7. A brief description of type and location of failure.

The third paragraph is revised to read:

For non-concrete junction boxes the independent testing laboratory shall meet the requirements of AASHTO R 18 for Qualified Tester and Verified Test Equipment. The test shall be conducted in the presence of a Professional Engineer, licensed under Title 18 RCW, State of Washington, in the branch of Civil or Structural, and each test sheet shall have the Professional Engineer’s original signature, date of signature, original seal, registration number, and date of expiration. One copy of the test report shall be furnished to the Contracting Agency certifying that the box and cover meet or exceed the loading requirements for a non-concrete junction box, and shall include the following information:

1. Product identification.
2. Date of testing.
3. Description of testing apparatus and procedure.
4. All load deflection data.
5. Weight of box and cover tested.
The first paragraph following the title “Testing for the Standard Duty Non-Concrete Junction Boxes” is revised to read:

Non-concrete Junction Boxes shall be tested as defined in the ANSI/SCTE 77-2007 Tier 15 test method with test load minimum of 22,500 lbs. In addition, the Contractor shall provide a Manufacture Certificate of Compliance for each non-concrete junction box installed.

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

This section is revised to read:

Standard Duty and Heavy-Duty Cable Vaults and Pull Boxes shall be constructed as a concrete box and as a concrete lid. The lid for the Heavy-Duty and Standard Duty Cable Vaults and Pull Boxes shall be interchangeable and both shall fit the same box as shown in the Standard Plans.

The Contractor shall provide shop drawings for all components, including concrete box, Cast Iron Ring, Ductile Iron Lid, Steel Rings, and Lid. In addition, the shop drawings shall show placement of reinforcing steel, knock outs, and any other appurtenances. The shop drawing shall be prepared by or under the direct supervision of a Professional Engineer, licensed under Title 18 RCW, State of Washington, in the branch of Civil or Structural, and each sheet shall carry the following:

1. Professional Engineer's original signature, date of signature, original seal, registration number, and date of expiration.

2. The initials and dates of all participating design professionals

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

4. Design calculations shall carry on the cover page, the Professional Engineer's original signature, date of signature, original seal, registration number, and date of expiration.

For each type of box or whenever there is a change to the Cable Vault or Pull box design, a proof test, as defined in this Specification, shall be performed and new shop drawings submitted.

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

This section is revised to read:

Standard Duty Cable Vaults and 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.

Concrete for standard duty cable vaults and pull boxes shall have a minimum compressive strength of 4,000 psi. The lid frame shall be anchored to the vault/box concrete lid by welding headed studs % by 3 inches long, as specified in Section 9-06.15, to the frame. The wire fabric shall be attached to the studs and frame with standard tie practices. The vault/box concrete lid shall contain ten studs located near the centerline of the frame and wall. Studs shall be placed one anchor in each corner, one at the middle of each width and two equally spaced on each length of the vault/box. The steel frame, lid support, and lid shall be painted with a black paint containing rust inhibitors or painted with a shop applied, inorganic zinc primer in accordance with Section 6-07.3 or hot-dip galvanized in accordance with ASTM M 111.
All Standard Duty Cable Vaults and Pull Boxes placed in sidewalks, walkways, and shared-use paths shall have slip-resistant surfaces. The steel frame, lid support, and lid for the Standard Duty Cable Vaults and Pull Boxes shall be hot-dip galvanized.

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

<table>
<thead>
<tr>
<th>Materials</th>
<th>Requirements</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</td>
</tr>
<tr>
<td>Slip Resistant Lid</td>
<td>ASTM A 36 Steel</td>
</tr>
<tr>
<td>Frame</td>
<td>ASTM A 786 diamond plate steel or ASTM A 36</td>
</tr>
<tr>
<td>Slip Resistant Frame</td>
<td>ASTM A 36 Steel</td>
</tr>
<tr>
<td>Lid Support</td>
<td>ASTM A 36 Steel, or ASTM A 1011 Grade SS</td>
</tr>
<tr>
<td>Handle &amp; Handle Support</td>
<td>ASTM A 36 steel or ASTM A 1011 Grade CS or SS</td>
</tr>
<tr>
<td>Anchors (studs)</td>
<td>Section 9-06.15</td>
</tr>
<tr>
<td>Bolts, Studs, Nuts, Washers</td>
<td>ASTM F593 or A 193, type 304 or 316, or Stainless steel grade 302, 304, 316 per approved shop drawing</td>
</tr>
<tr>
<td>Hinges and Locking Mechanism Hardware and Bolts</td>
<td>Per approved shop drawings</td>
</tr>
</tbody>
</table>

9-29.2(2)B Heavy-Duty Cable Vaults and Pull Boxes
This section is revised to read:

Heavy-Duty Cable Vaults and Pull Boxes shall be constructed of concrete having a minimum compressive strength of 4,000 psi, and have a minimum vertical load rating of 46,000 pounds without permanent deformation and 60,000 pounds without failure when tested in accordance with Section 9-29.2(1)C for Heavy-Duty Junction Boxes.

Materials for Heavy Duty Cable Vaults and Pull boxes shall conform to the following:

<table>
<thead>
<tr>
<th>Materials</th>
<th>Requirements</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>Cover</td>
<td>Section 9-05.15(1)</td>
</tr>
<tr>
<td>Ring</td>
<td>Section 9-05.15(1)</td>
</tr>
<tr>
<td>Anchors (studs)</td>
<td>Section 9-06.15</td>
</tr>
<tr>
<td>Bolts, Nuts, Washers</td>
<td>ASTM F 593 or A 193, Type 304 or 316, or Stainless steel grade 302, 304, 316 in accordance with approved shop drawing</td>
</tr>
</tbody>
</table>

9-29.6(2) Slip Base Hardware
“AASHTO M 291” is revised to read “ASTM A 563”.
9-29.6(5) Foundation Hardware

"AASHTO M 291" is revised to read "ASTM A 563".

9-29.10 Luminaires
The third paragraph is revised to read:

All luminaires shall be provided with markers for positive identification of light source type and wattage. Markers shall be 3 inches square with Gothic bold, black 2-inch legend on colored background. Background color shall be gold for high-pressure sodium and red for metal halide, and white for induction light sources. Legends shall be sealed with transparent film resistant to dust, weather, and ultraviolet exposure.

9-29.10(2) Decorative Luminaries
The second sentence in the third paragraph is deleted.

9-29.13(7)B Auxiliary Equipment for NEMA Controllers
In the first paragraph, item number 8-13 are renumbered to read 9-14 respectfully.

Item number 7 in the first paragraph is revised to read:

7. A "Display Panel" when noted in the Contract. The display panel shall depict a generic eight-phase operation. The panel shall be mounted on the inside of the front cabinet door and the mounting shall be of a design that allows positioning of the panel in four orientations 90 degrees from each other. The mounting shall be removable without use of any tools. Incandescent red, yellow, green, walk and don't walk indicator lights shall be provided for each phase. The indicator lights shall be connected to the associated field terminals. The connecting cable shall be long enough to allow for any mounting orientation. No diodes will be allowed in the display panel. A means of disconnecting all wiring entering the panel shall be provided. Switches shall be provided on the panel with labels and functions as follows:

a. Display On – Signal indicator lamps will display the operation of the intersection.

b. Test – All indicator lamps shall be energized.

c. Display Off – All signal indicator lamps shall be de-energized.

The following new numbered item is inserted after item number 7:

8. A "Detector Panel", as specified in Section 9-29.13(7)D, shall be installed. The panel shall be mounted on the inside of the front cabinet door. The detector panel shall be constructed as a single unit. Detector switches with separate operate, test, and off positions shall be provided for each field detector input circuit. A high intensity light emitting diode (LED) shall be provided for each switch. The lamp shall energize upon vehicle, pedestrian or test switch actuation. The test switch shall provide a spring loaded momentary contact that will place a call into the controller. When in the OFF position, respective detector circuits will be disconnected. In the operate position, each respective detector circuit shall operate normally. Switches shall be provided on the panel with labels and functions as follows:

a. Display On – Detector indicator lights shall operate consistent with their respective switches.

b. Display Off – detector indicator lights shall be de-energized.
A means of disconnecting all wiring entering the panel shall be provided. The disconnect shall include a means to jumper detection calls when the display panel is disconnected. All switches on the panel shall be marked with its associated Plan detector number. All markers shall be permanent.

9-29.13(7)E Type 170E, 170E-HC-11, 2070, 2070 Lite, ATC Controller Cabinets

The following new title is inserted after the fifth sentence in the first paragraph:

9-29.13(7)F Ramp Meter, Traffic Data, and Warning Sign Cabinets

9-29.16(1)A1 Conventional Optical System

This section’s title is revised to read:

9-29.16(1)A1 Non-LED Optical System

9-29.16(1)D1 Electrical - Conventional

This section’s title is revised to read:

9-29.16(1)D1 Electrical – Non-LED

9-29.20 Pedestrian Signals

This section is revised to read:

Pedestrian signals shall be Light Emitting Diodes (LED) type.

The LED pedestrian signal module shall be operationally compatible with controllers and conflict monitors. The LED lamp unit shall contain a disconnect that will show an open switch to the conflict monitor when less than 60 percent of the LEDs in the unit are operational.

The Pedestrian signal heads shall be on the QPL or the Contractor shall submit a Manufacturer’s Certificate of Compliance, in accordance with Standard Specification 1-06.3, with each type of signal head. The certificate shall state that the lot of pedestrian signal heads meet the following requirements:

1. All pedestrian signal heads shall be a Walk/Don’t Walk module with a countdown display.

2. All pedestrian displays shall comply with the MUTCD and ITE publication ST 011B, VTCSH2 or current ITE Specification and shall have an incandescent appearance. The Contractor shall provide test results from a Nationally Recognized Testing Laboratory documenting that the LED display conforms to the current ITE and the following requirements:

   a. All pedestrian signals supplied to any one project shall be from the same manufacturer and type but need not be from the same manufacturer as the vehicle heads.

   b. Each pedestrian signal face shall be a single unit housing with the signal indication size, a nominal 16 inch x 18 inch with side by side symbol messages with countdown display.

   c. Housings shall be green polycarbonate or die-cast aluminum and the aluminum housings shall be painted with two coats of factory applied traffic signal green
3. Optical units for traffic signal displays shall conform to the following:
   a. Pedestrian “RAISED HAND” and “WALKING PERSON” modules shall be the
countdown display type showing the time remaining in the pedestrian change
interval. When the pedestrian change interval is reduced due to a programming
change, the display may continue to show the previous pedestrian change interval
for one signal cycle. During the following pedestrian change interval the
countdown shall show the revised time, or shall be blank. In the event of an
emergency vehicle preemption, during the following two cycles, the display shall
show the programmed pedestrian change interval or be blank. In the event the
controller is put in stop time during the pedestrian change interval, during the
following two cycles the display shall show the programmed clearance or be blank.
In the event there is railroad preemption during the pedestrian change interval, during the
following two cycles the display shall show the programmed clearance or be
blank. Light emitting diode (LED) light sources having the incandescent
appearance are required for Portland Orange Raised Hand and the Lunar White
Walking Person.
   b. Voltage: The operating voltages shall be between 85 VAC and 135 VAC.
   c. Temperature: Temperature range shall be -35°F to +165°F.
   d. LED pedestrian heads shall be supplied with Z crate visors. Z crate visors shall
have 21 members at 45 degrees and 20 horizontal members.

9-29.20(2) Neon Grid Type
This section is deleted.

9-29.24 Service Cabinets
In the first paragraph, the lettered items A-J are re-lettered to read B-K respectfully.
The first paragraph is supplemented with the following new lettered item:
A. Display an arc flash warning label that meets the requirements of ANSI Z535.

9-29.25 Amplifier, Transformer, and Terminal Cabinets
In item No. 2.C., “Transformer 23.1 to 12.5 KVA” is revised to read “Transformer 3.1 to 12.5 KVA” and
the height column value of 40” is revised to read “48”.
The first and second sentences in the first paragraph are revised to read:
Amplifier and terminal and transformer cabinets shall be NEMA 3R and the following:
Item number 5 is revised to read:
5. All cabinets shall provide a gasketed door flange
Item number 7 is revised to read:
7. Insulated terminal blocks shall be 600 volt, heavy-duty, barrier type. The terminal blocks shall be provided with a field-side and a control-side connector separated by a marker strip. One spare 12-position insulated terminal block shall be installed in each terminal cabinet and amplifier cabinet.

8. Each non-pad mounted Terminal, Amplifier and Transformer cabinet shall have 1/4 inch drain holes in back corners. Each pad mounted Terminal, Amplifier and Transformer cabinet shall drain to a sump and through a 3/8 inch diameter drain pipe to grade as detailed in the Standard Plans.

9. Item number 10 is revised to read:

10. Transformer cabinets shall have two separate compartments, one for the transformer and one for the power distribution circuit breakers. Each compartment shall be enclosed with a dead front. Each breaker shall be labeled with the device name by means of a screwed or riveted engraved name plate.

Section 9-34, Pavement Marking Material
April 2, 2012

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

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

The following Special Provisions are made a part of this contract and supersede any conflicting provisions of the 2012 Standard Specifications for Road, Bridge and Municipal Construction, and the foregoing Amendments to the Standard Specifications.

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

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

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

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

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

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

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

DESCRIPTION OF WORK

(March 13, 1995)
The work to be performed under this Contract consists of the reconstruction of the existing
sidewalks along East A Street, North 1st Street and Martin Luther King Jr. Boulevard and parking
lot improvements for the County Courthouse. The Courthouse improvements consist of concrete
curb and gutters, concrete sidewalk, concrete pavers, landscaping, pedestrian lighting, irrigation
system, access gates, and other work, in accordance with the attached Plans, these Special

The Courthouse sidewalk to be improved is located in Section 19, Township 13 North, Range 19
East, Willamette Meridian and the S. 18th Street sidewalk to be improved is located in Section
29, Township 13 North, Range 19 East, Willamette Meridian.

1-01 DEFINITIONS AND TERMS

1-01.3 Definitions

(March 13, 2012 APWA GSP)

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

Dates

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

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

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

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

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

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

Completion Date
The day all the Work specified in the Contract is completed and all the obligations of the
Contractor under the contract are fulfilled by the Contractor. All documentation required
by the Contract and required by law must be furnished by the Contractor before
establishment of this date.
Final Acceptance Date
The date on which the Contracting Agency accepts the Work as complete.

Supplement this Section with the following:

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

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

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

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

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

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

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

Contract Documents
See definition for “Contract”.

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

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

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

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

1-02.1 Prequalification of Bidders

Delete this Section and replace it with the following:

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

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

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

Delete this section and replace it with the following:

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

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

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

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

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

Delete this section and replace it with the following:

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

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

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

Supplement the second paragraph with the following:

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

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

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

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

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

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

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

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

(March 13, 1995)

Alternative Bids
The bidding proposal on this project permits the bidder to submit a bid on one or more alternatives for the construction of the curb and gutter along A Street, 1st Street and Martin Luther King Jr. Boulevard.

Bid Proposal
The bid proposal is composed of the following parts: Base Bid and Alternatives A1 and A2

The base bid includes all items that do not change as to quantity, dimension, or type of construction, regardless of which alternative is bid.

The Alternative portions of the bid proposal contain all items which change as to quantity, dimension, or construction method, depending on which alternative is bid.

Alternative A1
Alternative A1 is based on removing the entire length of existing roadway curb from A Street Station 10+00 to MLK Sta 33+68 and constructing new curb and gutter the total length of the...
project. This alternative involves additional bid item quantities, but may result in more
efficient construction practices.

The bid items for Alternative A1 are as listed in the bid proposal.

Alternative A2
Alternative A2 is based on utilizing portions of existing curb along the project and replacing
only portions of existing roadway curbing where horizontal/vertical alignment has been
changed, curb depressions have been added or deleted or existing curb is in poor condition.
The existing curb from Sta 10+57 to 11+27, Sta 30+78 to 31+98, Sta 32+13 to 32+73 and
32+87 to 33+16, shall be maintained and protected. This alternative reduces bid item
quantities.

The bid items for Alternative A2 are as listed in the bid proposal.

Bidding Procedures
The bidder shall submit a price on each and every item of work included in the base bid.
The bidder shall also submit prices on each and every item under the alternative on which
the bidder chooses to bid, or, if the bidder chooses to bid on more than one alternative, the
bidder shall submit prices for each and every item under each alternative chosen.

(******)
Depending on County budget and contract amount, work associated with Group 4 may be
deleted completely from contract, after award of contract.

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

Supplement this section with the following:

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

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

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

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

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

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

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

Revise item 1 to read:

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

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

Delete this Section and replace it with the following:

A Bidder will be deemed not responsible if:
1. the Bidder does not meet the mandatory bidder responsibility criteria in RCW 39.04.350(1), as amended; or
2. evidence of collusion exists with any other Bidder or potential Bidder. Participants in collusion will be restricted from submitting further bids; or
3. the Bidder, in the opinion of the Contracting Agency, is not qualified for the work or to the full extent of the bid, or to the extent that the bid exceeds the authorized prequalification amount as may have been determined by a prequalification of the Bidder; or
4. an unsatisfactory performance record exists based on past or current Contracting Agency work or for work done for others, as judged from the standpoint of conduct of the work; workmanship; or progress; affirmative action; equal employment opportunity practices; termination for cause; or Disadvantaged Business Enterprise, Minority Business Enterprise, or Women’s Business Enterprise utilization; or
5. there is uncompleted work (Contracting Agency or otherwise), which in the opinion of the Contracting Agency might hinder or prevent the prompt completion of the work bid upon; or
6. the Bidder failed to settle bills for labor or materials on past or current contracts, unless there are extenuating circumstances acceptable to the Contracting Agency; or
7. the Bidder has failed to complete a written public contract or has been convicted of a crime arising from a previous public contract, unless there are extenuating circumstances acceptable to the Contracting Agency; or
8. the Bidder is unable, financially or otherwise, to perform the work, in the opinion of the Contracting Agency; or
9. there are any other reasons deemed proper by the Contracting Agency.

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

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

If the Contracting Agency determines the Bidder does not meet the bidder responsibility criteria above and is therefore not a responsible Bidder, the Contracting Agency shall notify the Bidder in writing, with the reasons for its determination. If the Bidder disagrees with this determination, it may appeal the determination within 24 hours of receipt of the Contracting Agency’s determination by presenting its appeal to the Contracting Agency. The Contracting Agency will consider the appeal before issuing its final determination. If the final determination affirms that the Bidder is not responsible, the Contracting Agency will not execute a contract with any other Bidder until at least two business days after the Bidder determined to be not responsible has received the final determination.
1-03 AWARD AND EXECUTION OF CONTRACT

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

Revise this section to read:

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

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

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

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

Section 1-03.4 is supplemented with the following:

(June 27, 2011)

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

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

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

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

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

5. All claims, as provided by law, filed against the Contract Bond have been resolved.

1-04 SCOPE OF THE WORK

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

(March 13, 2012 APWA GSP)

Revise the second paragraph to read:

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

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

1-04.6 Variation in Estimated Quantities

(May 25, 2006 APWA GSP; may not be used on FHWA-funded projects)

Supplement this Section with the following:
The quantities for “Roadway Excavation Incl. Haul,” “Crushed Surfacing Top Course,” “Pavement Repair Excavation Incl. Haul,” “Slurry Seal,” and “Commercial HMA Pavement Repair” have been entered into the Proposal only to provide a common proposal for bidders. Actual quantities will be determined in the field as the work progresses, and will be paid at the original bid price, regardless of final quantity. These bid items shall not be subject to the provisions of 1-04.6 of the Standard Specifications.

Depending on County funding available, work associated with Group 4 may be deleted from the Contract. Reduction in quantities of Contract bid items due to deleting Group 4 work shall not be subject to the provisions of 1-04.6 of the Standard Specifications.

1-05 CONTROL OF WORK

1-05.7 Removal of Defective and Unauthorized Work
(October 1, 2005 APWA GSP)

Supplement this section with the following:

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

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

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

No adjustment in contract time or compensation will be allowed because of the delay in the performance of the work attributable to the exercise of the Contracting Agency’s rights provided by this Section.

The rights exercised under the provisions of this section shall not diminish the Contracting Agency’s right to pursue any other avenue for additional remedy or damages with respect to the Contractor’s failure to perform the work as required.

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

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

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

Revise the second paragraph to read:

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

Add the following new section:

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

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

Add the following new section:

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

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

1-07 LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC

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

Supplement this section with the following:

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

The Washington State Department of Labor and Industries shall be the sole and paramount administrative agency responsible for the administration of the provisions of the Washington Industrial Safety and Health Act of 1973 (WISHA).
The Contractor shall maintain at the project site office, or other well known place at the project site, all articles necessary for providing first aid to the injured. The Contractor shall establish, publish, and make known to all employees, procedures for ensuring immediate removal to a hospital, or doctor's care, persons, including employees, who may have been injured on the project site. Employees should not be permitted to work on the project site before the Contractor has established and made known procedures for removal of injured persons to a hospital or a doctor's care.

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

1-07.2 State Taxes

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

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

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

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

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

1-07.2(1) State Sales Tax — Rule 171

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

1-07.2(2) State Sales Tax — Rule 170

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

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

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

1-07.2(3) Services

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

(June 27, 2011)
The Contracting Agency will release the Contract Bond only if the Contractor has obtained from the State Department of Revenue a certificate showing that all Contract-related taxes have been paid.

1-07.7 Load Limits

(March 13, 1995)
If the sources of materials provided by the Contractor necessitates hauling over roads other than State Highways, the Contractor shall, at the Contractor's expense, make all arrangements for the use of the haul routes.

1-07.13(4) Repair of Damage

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

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

1-07.17 Utilities and Similar Facilities

Section 1-07.17 is supplemented with the following:

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

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

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

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

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

**CenturyLink**
8 S. 2nd Ave., Room #304
Suite 100
Yakima WA, 98902
(509) 575-7158

**City of Yakima – Water**
2220 E. Viola
Yakima, WA 98901
(509) 575-6077

**City of Yakima – Sewer**
2220 E. Viola
Yakima, WA 98901
(509) 575-6154
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

Stop Gap / Employers' Liability

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

1-07.18(5)B  Automobile Liability

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

$1,000,000  combined single limit

1-07.18(5)C  Workers' Compensation

The Contractor shall comply with Workers' Compensation coverage as required by the
Industrial Insurance laws of the state of Washington.

1-07.23  Public Convenience and Safety

1-07.23(1)  Construction Under Traffic

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

(January 2, 2012)

Work Zone Clear Zone

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

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

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

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

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

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

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

* or 2-feet beyond the outside edge of sidewalk

Minimum Work Zone Clear Zone Distance

(August 7, 2006)
Single lane closures are subject to the following restrictions:

East A Street
Single lane closures on A Street between N. 2nd Street and N. 1st Street are allowed between the hours of 9:00 a.m. to 3:30 p.m. on weekdays and 8:00 a.m. to 5:00 p.m. on Saturdays.

North 1st Street
Single lane closures on North 1st Street between E. A Street and Martin Luther King Jr. Blvd are allowed between the hours of 9:00 a.m. to 3:30 p.m. on weekdays and 8:00 a.m. to 5:00 p.m. on Saturdays.

Martin Luther King Jr. Boulevard
Single lane closures on North 1st Street between 2nd Street and N. 1st Street are allowed between the hours of 9:00 a.m. to 3:30 p.m. on weekdays and 8:00 a.m. to 5:00 p.m. on Saturdays.

If the Engineer determines the permitted closure hours adversely affect traffic, the Engineer may adjust the hours accordingly. The Engineer will notify the Contractor in writing of any change in the closure hours.

No lane closures will be allowed on a holiday or holiday weekend.

*****
The project takes place next to the County Courthouse, where court hearings are taken place between the hours of 9:30 am to 12:00 pm and 1:30 pm to 5:00 pm, Monday through Friday. Construction activities that involve drilling/coring, jack hammering, vibratory compaction or any other activities that could be heard or felt within the court room will not be allowed within 20ft of the perimeter of the Courthouse during these hours.

Public Parking is essential to the County Courthouse, the contractor shall maintain 15 parking stalls, either angle or parallel, (1 parallel stall = 20ft) along the construction perimeter during all construction activities during the hours of 6:00 am to 6:00 pm, Monday through Friday.

1-07.23(2) Construction and Maintenance of Detours

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

(*****)

Pedestrian Control and Protection

If no alternative is proposed within the contract plans, all existing pedestrian routes and access points within the project limits, including sidewalks and crosswalks, shall remain open and clear at all times. The Contractor may propose Traffic Control Plans (TCP's) that comply with the MUTCD, ADA requirements, and these Specifications. Contractor proposed TCP's detailing the alternative accessible pedestrian route shall be approved by the Engineer prior to implementation.

When the Engineer allows work areas to encroach upon a sidewalk or crosswalk area, and minimum clear width of 48-inches cannot be maintained for pedestrian use, an alternative accessible pedestrian route shall be provided. Separation of pedestrians from the work area and vehicular traffic is required.

Protective barricades, fencing, and bridges, together with warning and guidance devices and signs, shall be utilized so that the passageway for pedestrians is safe, well defined and accessible. Whenever pedestrian walkways are provided across excavations, they shall be provided with suitable handrails. Foot bridges shall be safe, strong, and free of bounce and sway, have a slip resistant coating, and be free of cracks, holes and irregularities that could cause tripping. Ramps, with a maximum slope of 8.3%, shall be provided at the entrance and exit of all raised footbridges. The maximum cross slope shall be 2.0%. When the existing facility is illuminated or TCP's requires illumination, illumination shall be provided during the hours of darkness. Retroreflective delineation shall be provided during hours of darkness.

Where accessible pedestrian routes are allowed to be closed by the Engineer during construction, an alternate accessible pedestrian route shall be provided that complies with the MUTCD, ADA requirements and these Specifications. The alternate accessible pedestrian route shall not have abrupt changes in grade or terrain. Barriers and channelizing devices shall be detectable to pedestrians who have visual disabilities. Where it is necessary to divert pedestrians into the roadway, barricading or channelizing devices shall be provided to separate the pedestrian route from the adjacent vehicular traffic lane. Barricading or channelizing devices used to separate pedestrian and vehicular traffic shall be crashworthy and, when struck by vehicles, present a minimum threat to pedestrians, workers, and occupants of impacting vehicles. At no time shall pedestrians be diverted into a portion of the street used concurrently by moving vehicular traffic.

In addition the Traffic Control Plan shall address the following:
• All pedestrians, including persons with disabilities, shall be provided with a safe and accessible route.

• The width of the existing pedestrian facility shall be maintained if possible. When it is not possible to maintain a minimum width of 60-inches throughout the entire length of the pedestrian route, a minimum width of 48-inches shall be provided with 60-inch x 60-inch passing zones spaced at maximum intervals of 200-feet to allow individuals in wheelchairs to pass.

• Traffic control devices and other construction materials and features shall not intrude into the usable width of the sidewalk, alternate accessible pedestrian route, or other pedestrian facility.

• Signs and other devices mounted lower than 84-inches above the temporary accessible pedestrian route shall not project more than 4-inches into the accessible pedestrian route.

• A smooth, continuous hard surface shall be provided throughout the entire length and width of the pedestrian route throughout construction. There shall be no curbs or vertical elevation changes greater than 1/2-inch in grade or terrain that could cause tripping or be a barrier to wheelchair use. Vertical elevation differences between 1/4-inch and 1/2-inch shall be beveled at a maximum 2:1 slope.

• When channelization is used to delineate a pedestrian pathway for public use, a continuous detectable edging shall be provided throughout the length of the facility such that pedestrians using a cane can follow it. Edging shall protrude at least 6-inches above the surface of the sidewalk or pathway with the bottom of the edging a maximum of 2-1/2 inches above the surface.

• Temporary ramps shall be provided when an alternate accessible pedestrian route crosses a curb and no permanent curb ramps are in place. The width of the curb ramp shall be a minimum of 48-inches and the maximum slope of the ramp shall be 8.3%. The maximum cross slope shall be 2.0%. The bottom of the curb ramp shall be flush with the Roadway. Temporary detectable warning mats shall be installed at street crossings.

• When possible, an alternate accessible pedestrian route shall be provided on the same side of the street as the disrupted route. When it is not possible, the alternate route shall be clearly identified at the nearest intersection crossing prior to the closure area.

• Information regarding closed pedestrian routes, alternate crossings, and sign and signal information shall be communicated to pedestrians with visual disabilities by providing devices such as audible information devices, accessible pedestrian signals, or barriers and channelizing devices that are detectable to the pedestrians traveling with the aid of a cane or who have low vision.

• It is desirable that pedestrians cross to the opposite side of the roadway at intersections rather than mid-block. Appropriate signing shall be placed at the intersections prior to any pedestrian route closure.

• At locations where adjacent alternate walkways cannot be provided, appropriate signs shall be posted at the limits of construction and in advance of the closure at
the nearest crosswalk or intersection, to divert pedestrians across the street. Physical barricades shall be installed to prevent visually impaired people from inadvertently entering a closed area.

Measurement

No specific unit of measurement will apply to the lump sum item for pedestrian control and protection.

Payment

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

"Pedestrian Control and Protection", lump sum.

The lump sum contract payment shall be full compensation for all costs incurred by the Contractor for construction, maintenance, and removal of all protective barricades, all temporary fencing, and any bridges, together with warning and guidance devices detailed in the Plans or any alternative accessible pedestrian routes proposed by the Contractor to provide general pedestrian access around the construction site and employee access through the parking lot area.

1-07.24 Rights of Way

(October 1, 2005 APWA GSP)

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

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

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

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

Whenever easements or rights of entry have not been acquired prior to advertising, these areas are so noted in the Plans. The Contractor shall not proceed with any portion of the work in areas where right of way, easements or rights of entry have not been acquired until the Engineer certifies to the Contractor that the right of way or easement is available or that the right of entry has been received. If the Contractor is delayed due to acts of omission on the part of the Contracting Agency in obtaining easements, rights of entry or right of way, the Contractor will be entitled to an extension of time. The Contractor agrees that such delay shall not be a breach of contract.
Each property owner shall be given 48 hours notice prior to entry by the Contractor. This includes entry onto easements and private property where private improvements must be adjusted.

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

1-08
PROSECUTION AND PROGRESS

Add the following new section:

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

Add the following new section:

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

Prior to the Contractor beginning the work, a preconstruction conference will be held between the Contractor, the Engineer and such other interested parties as may be invited. The purpose of the preconstruction conference will be:
1. To review the initial progress schedule;
2. To establish a working understanding among the various parties associated or affected by the work;
3. To establish and review procedures for progress payment, notifications, approvals, submittals, etc.;
4. To establish normal working hours for the work;
5. To review safety standards and traffic control; and
6. To discuss such other related items as may be pertinent to the work.

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

1-08.1 Subcontract Completion and Return of Retainage Withheld

Section 1-08.1(1) is revised to read:
(June 27, 2011)

The following procedures shall apply to all subcontracts entered into as a part of this Contract:

**Requirements**

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

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

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

4. Failure by a Prime Contractor or Subcontractor to comply with these requirements may result in one or more of the following:

   a. Withholding of payments until the Prime Contractor or Subcontractor complies

   b. Failure to comply shall be reflected in the Prime Contractor's Performance Evaluation

   c. Cancellation, Termination, or Suspension of the Contract, in whole or in part

   d. Other sanctions as provided by the subcontractor or by law under applicable prompt pay statutes.

**Conditions**

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

**Payment**

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

1-08.4 **Prosecution of Work**

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

1-08.4 **Notice to Proceed and Prosecution of Work**

(June 27, 2011 APWA GSP)

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

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

1-08.5 Time for Completion

Section 1-08.5 is supplemented with the following:

(March 13, 1995)
This project shall be physically completed within 60 working days.

(June 28, 2007 APWA GSP, Option A)

Revise the third and fourth paragraphs to read:

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

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

Revise the sixth paragraph to read:

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

1. The physical work on the project must be complete; and
2. The Contractor must furnish all documentation required by the contract and required by law, to allow the Contracting Agency to process final acceptance of the contract. The
following documents must be received by the Project Engineer prior to establishing a
completion date:

a. Certified Payrolls (Federal-aid Projects)
b. Material Acceptance Certification Documents
c. Annual Report of Amounts Paid as MBE/WBE Participants or Quarterly Report of
   Amounts Credited as DBE Participation, as required by the Contract Provisions.
d. Final Contract Voucher Certification
e. Property owner releases per Section 1-07.24

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

Revise the fourth paragraph to read:

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

1-09 MEASUREMENT AND PAYMENT

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

Supplement this section with the following:

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

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

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

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

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

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

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

The value of the progress estimate will be the sum of the following:

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

Progress payments will be made in accordance with the progress estimate less:

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

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

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

Delete this Section and replace it with the following:

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

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

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

1-10  TEMPORARY TRAFFIC CONTROL

1-10.2  Traffic Control Management
(December 1, 2008)

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

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

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

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

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

1-10.4  Measurement

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

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

1-10.5  Payment

1-10.5(1)  Lump Sum Bid for Project (No Unit Items)

Section 1-10.5(1) is supplemented with the following:

*****
The lump sum contract payment shall also include all costs incurred by the Contractor for construction, maintenance, relocating, and removal of all temporary fencing.
DIVISION 2
EARTHWORK

2-01  CLEARING, GRUBBING, AND ROADSIDE CLEANUP

2-01.1  Description

Section 2-01.1 is supplemented with the following:

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

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

2-01.5  Payment

Section 2-01.5 is revised as follows:

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

2-02  REMOVAL OF STRUCTURES AND OBSTRUCTIONS

2-02.3  Construction Requirements

Section 2-02.3 is supplemented with the following:

(February 17, 1998)
Removal of Obstructions

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

1. Remove existing sign and post, Sta 10+85 Rt
2. Remove existing trash can, Sta 10+45 Rt
3. Remove existing catch basin, Sta 20+50 Rt
4. Remove existing sign and post, Sta 21+80 Rt
5. Remove existing sign and post, Sta 22+20 Rt
6. Remove existing sign and post, Sta 23+80 Rt
7. Remove existing retaining walls, Sta 23+40 to 23+85 Rt
8. Remove existing sign, Sta 32+45 Rt
9. Temporarily relocate and reset post office mail drops (including coordination with USPS), Sta 33+20 Rt.
10. Removing existing security fencing, installing temporary fencing and reinstalling existing security fencing Sta 23+20, 210'-250' Rt

11. Remove parking lot curb stops, Sta 20+40 to 23+00, 45' Rt

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

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

(June 26, 2000)

Use of Explosives
Explosives shall not be used in the demolition.

2-02.3(3) Removal of Pavement, Sidewalks, Curbs, and Gutters

Section 2-02.3(3) is added with the following:

(******)
The approximate thickness of the asphalt concrete pavement is 6 inches.

2-02.3(4) Underground Utilities

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

(******)

2-02.3(4) Underground Utilities

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

All utility valves, manholes, vaults, or pull boxes which are buried shall be conspicuously marked in a fashion acceptable to the Owner and Engineer by the Contractor to allow their location to be determined by the Engineer or utility personnel under adverse conditions, (inclement weather or darkness).

Where underground main distribution conduits, such as water, gas, sewer, electric power, or telephone, are shown on the Plans, the Contractor, for the purpose of preparing his bid, shall assume that every property parcel will be served by a service connection for each type of utility.

Contractor shall check with the utility companies concerning any possible conflict prior to commencing excavation in any area. Contractor shall resolve all crossing and clearance problems with the utility company concerned. No excavation shall begin until all known facilities, in the vicinity of the excavation area, have been located and marked.
In addition to Contractor having all utilities field marked before starting work, Contractor shall have all utilities field marked after they are relocated in conjunction with this project.

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

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

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

2-02.4 Measurement

Section 2-02.4 is supplemented with the following:

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

(October 25, 1999)
Sidewalk removal will be measured by the square yard.

(September 8, 1997)
Curb removal will be measured by the linear foot.

2-02.5 Payment

Section 2-02.5 is revised by the following:

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

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

(September 30, 1996)
"Removing Cement Concrete Pavement", per square yard.

(November 3, 1999)
"Removing Cement Conc. Sidewalk", per square yard.

(September 8, 1997)
"Removing Cement Conc. Curb and Gutter", per linear foot.

(*****)
All costs to haul and dispose material shall be included in their respective removal items. Removal pavements, sidewalks, curbs, or gutters shall follow the requirements of 2-02.3 (3).
2-03  ROADWAY EXCAVATION AND EMBANKMENT

2-03.3(14)  Embankment Construction

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

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

2-03.4  Measurement

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

(******)
No measurement shall be made for excavation, grading, or compaction in order to shape, form
and compact the subgrade, according to plan. All costs to perform this work as required shall be
incidental to other items of work.

Roadway excavation shall be measured by the cubic yard. Measurement will be made in the
hauling vehicle.

2-03.5  Payment

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

(******)
"Roadway Excavation Incl. Haul," per Cubic Yard,

The Contract Unit Price for "Roadway Excavation Incl. Haul," shall be full compensation for all
labor, equipment, tools, and materials necessary to load, haul, and dispose of extra Subgrade
material determined not needed by the Engineer. No measurement or payment for "Roadway
Excavation Incl. Haul," will be made until the entire project is at final Subgrade. The Engineer
may order excavations below Subgrade to remove soft and uncompactible material. All cost
incurred for excavating, loading, and disposing unsuitable material shall also be paid under
"Roadway Excavation Incl. Haul."

2-07  WATERING

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

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

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

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

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

2-09      STRUCTURAL EXCAVATION

2-09.4   Measurement

Section 2-09.4, revise the third, fourth and fifth paragraph to read:

(******)
For all pipes, pipe arches, structural plate pipes, underpasses, and culverts there will be no
specific measurement for structural excavation.

For all manholes, catch basins, grate inlets, and drop inlets there will be no specific
measurement for structural excavation.

There will be no specific measurement for structural excavation for infiltration trenches.

2-09.5   Payment

Section 2-09.5, revise the first paragraph to read:

(******)
No payment will be for Structural Excavation Class B.
5-03 SLURRY SEAL

Section 5-03 is a new section

**Description**

5-03.1 Description

Slurry Seal shall consist of mixing asphalt emulsion, aggregate, and water and spreading the mixture on the parking lot surface, as specified in these specifications and the special provisions, and as directed by the Engineer.

5-03.2 Materials

Cationic Emulsified Asphalt shall meet the requirements:

**Properties for Quick-Setting Asphaltic Emulsion**

<table>
<thead>
<tr>
<th>Tests on emulsions:</th>
<th>Test Method</th>
<th>min</th>
<th>max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saybolt Furol Viscosity, @ 50 °C, SFS a</td>
<td>AASHTO T 59</td>
<td>15</td>
<td>90</td>
</tr>
<tr>
<td>Sieve test, %</td>
<td>AASHTO T 59</td>
<td>---</td>
<td>0.30</td>
</tr>
<tr>
<td>Storage stability, 1 day, %</td>
<td>AASHTO T 59</td>
<td>---</td>
<td>1</td>
</tr>
<tr>
<td>Residue by distillation, %</td>
<td>AASHTO T 59</td>
<td>57</td>
<td>---</td>
</tr>
<tr>
<td>Particle chargeb</td>
<td>AASHTO T 59</td>
<td>positive</td>
<td></td>
</tr>
</tbody>
</table>

Tests on residue from Distillation Test:

<table>
<thead>
<tr>
<th>Tests on residue from Distillation Test:</th>
<th>Test Method</th>
<th>min</th>
<th>max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Penetration, 25°C</td>
<td>AASHTO T 49</td>
<td>40</td>
<td>90</td>
</tr>
<tr>
<td>Ductility, 25°C, mm</td>
<td>AASHTO T 51</td>
<td>400</td>
<td>---</td>
</tr>
<tr>
<td>Solubility in trichloroethylene, %</td>
<td>AASHTO T 44</td>
<td>97</td>
<td>---</td>
</tr>
</tbody>
</table>

* Means Saybolt Furol seconds

1 If the result of the particle charge test is inconclusive, the asphaltic emulsion must be tested for pH under ASTM E 70. Grade Q51h asphaltic emulsion must have a minimum pH of 7.3. Grade CQS1h asphaltic emulsion must have a maximum pH of 6.7.

Aggregate shall meet the requirements:

**Percentage Passing**

<table>
<thead>
<tr>
<th>Sieve Sizes:</th>
<th>Percent Passing</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot;</td>
<td>100</td>
</tr>
<tr>
<td>No. 4</td>
<td>90-100</td>
</tr>
<tr>
<td>No. 8</td>
<td>65-90</td>
</tr>
<tr>
<td>No. 16</td>
<td>40-70</td>
</tr>
<tr>
<td>No. 30</td>
<td>25-50</td>
</tr>
<tr>
<td>No. 200</td>
<td>5-15</td>
</tr>
</tbody>
</table>

Water shall be potable, free of harmful salts and shall be of such quality that the asphalt will not separate from the emulsion before the slurry seal is in place in the work.

5-03.3 Construction Requirements
5-03.(1) Proportioning

Asphalt emulsion shall be added at a rate of from 11 to 25%. A job mix design shall be submitted by the Contractor for approval by the Engineer that conforms to the specification limits, and that is suitable for the traffic, climate conditions, curing conditions and final use.

The Slurry Seal mixture shall be proportioned by the operation of a single start/stop switch or lever which automatically sequences the introduction of aggregate, emulsified asphalt, admixtures, if used, and water to the pugmill.

Calibrated flowmeters shall be provided to measure both the addition of water and liquid admixtures to the pugmill. If necessary for workability, a retarding agent, that will not adversely affect the seal, may be used.

Water, and retarder if used, shall be added to ensure proper workability and (a) permit uncontrolled traffic on the slurry seal no more than three (3) hours after placement without the occurrence of bleeding, raveling, separation or other distress; and (b) prevent development of bleeding, raveling, separation or other distress within seven (7) days after placing the slurry seal.

The average bitumen ratio (pounds of asphalt per 100 pounds of dry aggregates) shall not vary more than five (5) percent above or below the amount designated by the Engineer. This requirement shall apply to samples taken from any location or operation designated by the Engineer.

5-03.(2) Mixing

The Slurry Seal shall be mixed in a self-propelled mixing machine equipped with a continuous flow pugmill capable of accurately delivering and automatically proportioning the aggregate, emulsified asphalt, water and admixtures to a double shafted, multiblade pugmill mixer capable of minimum speeds of 200 revolutions per minute.

A minimum of two mixing machines shall be maintained on each project of a 12 cubic yard or larger capacity. The slurry seal retention time in the pugmill shall be less than three seconds.

The mixing machine shall have sufficient storage capacity of aggregate, emulsified asphalt, and water to maintain an adequate supply to the proportioning controls.

The mixing machine shall be equipped with hydraulic controls for proportioning the material by volume to the mix. Each material control device shall be calibrated, properly marked, preset and lockable at the direction of the Engineer. The mixing machine shall be equipped with a water pressure system and nozzle type spray bars to provide a water spray immediately ahead of the spreader box.

The mixing machine shall be equipped with an approved fines feeder that provides a uniform, positive, accurately metered, pre-determined amount of a mineral filler, if used, at the same time and location that the aggregate is fed.

5-03.(3) Spreading Equipment

The slurry mixture shall be uniformly spread by means of a controlled spreader box conforming to the following requirements:
The spreader shall be capable of spreading a traffic lane width and shall have strips of flexible rubber belting or similar material on each side of the spreader box and in contact with the pavement to prevent loss of slurry from the box and the box shall have baffles, or other suitable means, to insure uniform application on super-elevated sections and shoulder slopes.

The rear flexible strike-off blade shall make close contact with the pavement and shall be capable of being adjusted to the various crown shapes so as to apply a uniform seal coat.

Slurry mixture, to be spread in areas inaccessible to the controlled spreader box, may be spread by other approved methods.

5-03.(4) Placing

The slurry seal shall not be placed if either the pavement or the air temperature is below 13 degrees C (55F) and falling, but may be applied when both the air and pavement temperature is 7 degrees C (45F) or above and rising. The mixture shall not be applied if high relative humidity prolongs the curing beyond a reasonable time.

Before placing the slurry seal, the pavement surface shall be cleaned by sweeping, flushing or other means necessary to remove all loose particles of paving, all dirt and all other extraneous material.

Slurry seal operations shall be conducted between the hours of 7:00 pm on any Friday to 5:00 am the following Monday. Three days in advanced of the slurry seal operations, the contractor shall 24 hour post the parking lot with temporary "No Parking - Tow Away" signs. These signs shall also state the day of the week and hours of no parking.

Immediately before commencing the slurry seal operations, all surface metal utility covers (including survey monuments) shall be protected by thoroughly covering the surface with an appropriate adhesive and oiled or plastic paper. No adhesive material shall be permitted to cover, seal or fill the joint between the frame and cover of the structure. Covers are to be uncovered and cleaned of slurry material by the end of the same work day.

Hand tools shall be available in order to remove spillage. Ridges or bumps in the finished surface will not be permitted. The mixture shall be uniform and homogeneous after spreading on the surface and shall not show separation of the emulsion and aggregate after setting.

Adequate means shall be provided to protect the slurry seal from damage from traffic until such time that the mixture has cured sufficiently so that the slurry seal will not adhere to and be picked up by the tires of the vehicles.

5-03.4 Measurement

Slurry seal will be measured and paid for by the square yard for the actual surface area covered.

5-03.5 Payment

"Slurry Seal", per square yard

The contract price paid per square yard for slurry seal shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all the work
involved in the furnishing and placing the slurry seal complete in place, including cleaning the surface and protecting the slurry seal until it has set, all as shown on the plans, as specified in these specifications and as directed by the Engineer.

5-04 HOT MIX ASPHALT

5-04.3 Construction Requirements

5-04.4 Measurement

Section 5-04.4 is supplemented with the following:

Asphalt for pavement repair will be measured by the square yard.

5-04.5 Payment

Section 5-04.5 is supplemented with the following:

(******)
"Commercial HMA for Pavement Repair", per square yard.

The unit Contract price per square yard for "Commercial HMA for Pavement Repair" shall be full payment for all costs involved in the placement of HMA (Depth = 0.3ft) as described in Section 5-04.3(5)E of the Standard Specifications.

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

SECTION 5-06 CONCRETE UNIT PAVERS (NEW SECTION)

Section 5-06 is a new section

(******)
5-06.1 Description

This work shall consist of furnishing and installing concrete unit pavers, including crushed surfacing top course, jointing sand, sand bedding course, as detailed and shown on the plans. Concrete unit pavers shall be installed over a compacted base of crushed surfacing top course, geotextile fabric and a sand bed. Subgrades supporting the paver base and pavers shall be established and prepared in accordance with Section 2-03 and 2-06 and as shown on the drawings.

All paver work shall comply with the manufacturer's recommendations. A copy of manufacturer's written installation instructions shall be provided to the Engineer prior to beginning work.

5-06.1(1) Quality Assurance

Installation shall be by an installer with at least three (3) year's experience in placing interlocking concrete pavers.
5-06.1(2) Submittals

Contractor shall submit four (4) sets of the following:

1. Manufacturer's "catalog cuts" for bedding sand, joint sand, joint sand stabilizer, geotextile fabric, and concrete unit pavers.

2. Samples
   
   a. Full size paver samples in shape, texture, and color specified shall be submitted for review and approval.

3. Paver Installer
   
   a. Paver installer to submit a list of three (3) successfully completed projects of similar scope for reference.

4. Submit sieve analysis for grading of crushed surfacing top course and bedding and joint sand.

5. Submit test results for compliance of paving unit requirements to ASTM C936 from an independent testing laboratory.

5-06.1(3) Delivery, Storage and Handling

1. Deliver and store in accordance with Manufacturer's recommendations.

2. Sand shall be covered with waterproof covering to prevent exposure to rainfall or removal by wind. The covering shall be secured in place.

5-06.1(4) Environmental Conditions

1. Do not install sand or pavers during heavy rain or snowfall.

2. Do not install frozen sand.

3. Before proceeding with any work, the Contractor shall inspect the site, carefully check all grades, and verify all dimensions and conditions affecting the work.

4. Contractor shall report to the Engineer all deviation and/or conflicts between Drawings, Specifications, and Site Conditions. Extra work arising from failure to do so shall be done at the Contractor's expense.

5-06.1(5) Protection of Work, Property, and Persons

Take all necessary precautions to protect work in progress, as well as property, persons, walks, curbs, pavements, and buildings from any damage that might be incurred arising from this Contract.

5-06.1(6) Conduct of Work

1. The Contractor shall continuously maintain a competent superintendent or foreman during the progress of the work, with the authority to act for the Contractor in all
matters pertaining to the work. The Contractor shall give personal attention to the
fulfillment of the Contract and shall keep the work under control.

2. The Contractor shall confine operations to the working areas allotted by the Owner
for operations, including material and equipment storage.

3. The Contractor shall progressively clean the work site of debris and rubbish as the
work proceeds.

5-06.1(7) Guarantee/Maintenance

Guarantee work of this Specification section for one (1) year against all defects of
materials and workmanship. The guarantee period begins on the date of final
acceptance.

5-06.2 Materials

Bedding and Jointing Sand: clean, non-plastic, washed sand free from deleterious
or foreign matter. Sand shall be free of soluble salts or contaminates that can
contribute to efflorescence. Paver Joint Sand shall be Polymeric Joint Sand as
supplied by Abbotsford Concrete Products, Abbotsford, British Columbia, Canada,
(800) 663-4091, or approved equal.

The Contractor shall provide the Engineer with documentation that all sand supplied
has been tested and complies with the requirements below. Submit sieve analysis of
bedding and jointing sand meeting the requirements outlined below for Engineer
approval prior to beginning work.

Grading requirements for bedding sand shall comply with ASTM C33 with the following
grading limits.

<table>
<thead>
<tr>
<th>Sieve Size</th>
<th>Percent Passing</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8 inch</td>
<td>100</td>
</tr>
<tr>
<td>No. 4</td>
<td>95 to 100</td>
</tr>
<tr>
<td>No. 8</td>
<td>80 to 100</td>
</tr>
<tr>
<td>No. 16</td>
<td>50 to 85</td>
</tr>
<tr>
<td>No. 30</td>
<td>25 to 60</td>
</tr>
<tr>
<td>No. 50</td>
<td>10 to 30</td>
</tr>
<tr>
<td>No. 100</td>
<td>2 to 10</td>
</tr>
</tbody>
</table>

Grading for Jointing Sand shall comply with ASTM C144 with the following grading
limits.

<table>
<thead>
<tr>
<th>Sieve Size</th>
<th>Percent Passing</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 4</td>
<td>100</td>
</tr>
<tr>
<td>No. 8</td>
<td>95 to 100</td>
</tr>
<tr>
<td>No. 16</td>
<td>70 to 100</td>
</tr>
<tr>
<td>No. 30</td>
<td>40 to 75</td>
</tr>
<tr>
<td>No. 50</td>
<td>10 to 35</td>
</tr>
<tr>
<td>No. 100</td>
<td>2 to 15</td>
</tr>
<tr>
<td>No. 200</td>
<td>0</td>
</tr>
</tbody>
</table>
Concrete Unit Pavers: Concrete Unit Pavers shall be Abbotsford Concrete Products, Standard Series Pavers. Concrete Unit Pavers shall be Standard (8-7/8" x 4-7/16"), Double Standard (8-7/8" x 8-7/8"), and Half Standard (4-7/16" x 4-7/16"), 2-3/8" thick, with Perma Finish Colors or approved equal. Color shall be evenly divided between paver sizes and be provided in the following percentages:

<table>
<thead>
<tr>
<th>Half Standard Pavers</th>
<th>Double Standard &amp; Standard Pavers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indian Summer</td>
<td>Indian Summer</td>
</tr>
<tr>
<td>Sand Brown</td>
<td>Sand Brown</td>
</tr>
<tr>
<td>Desert Sand</td>
<td>Desert Sand</td>
</tr>
<tr>
<td>Brown</td>
<td>Brown</td>
</tr>
<tr>
<td>Shadow</td>
<td>Shadow</td>
</tr>
<tr>
<td>25%</td>
<td>25%</td>
</tr>
<tr>
<td>20%</td>
<td>30%</td>
</tr>
<tr>
<td>15%</td>
<td>30%</td>
</tr>
<tr>
<td>20%</td>
<td>15%</td>
</tr>
<tr>
<td>20%</td>
<td>20%</td>
</tr>
</tbody>
</table>

Supplied by Abbotsford Concrete Products, Abbotsford, British Columbia, Canada, (800) 663-4091.

Construction Geotextile Fabric: As specified on drawings.


5-06.3 Construction Requirements

5-06.3(1) Quality Assurance

Installation shall be by an installer with at least three (3) years experience in placing concrete unit pavers.

5-06.3(2) Quality Standard Panel

The Contractor shall install the first paver panel where directed by the Engineer as described in drawings and meeting the requirements of this section of the special provisions. This panel after approval by the Engineer will serve to determine bedding course, joint sizes, scorelines, laying pattern(s), color(s), and overall quality of the job. This panel shall be the standard from which the remaining paver work will be judged for acceptance by the Engineer.

5-06.3(3) Product Handling

Deliver concrete pavers to the site in steel banded, plastic banded or plastic wrapped pallets capable of transfer by forklift or clamp lift. Unload pavers at job site in such a manner that no damage occurs to the product.

Sand shall be covered with waterproof covering to prevent exposure to rainfall or removal by wind. The covering shall be secured in place.

5-06.3(4) Environmental Conditions

Do not install sand or pavers during heavy rain or snowfall. Do not install frozen sand.
5-06.3(5) Verification of Subgrade

1. The subgrade shall be compacted to 95% of Standard AASHTO maximum density.

2. The subgrade shall be trimmed to one-half inch (1/2") of design levels.

3. Further construction shall not proceed until the subgrade is inspected and approved by the Engineer.

5-06.3(6) Crushed Surfacing Top Course

1. The crushed surfacing top course shall nowhere be of lesser thickness than that specified and shall be spread in layers which when compacted do not exceed six inch (6") depth.

2. Compaction of the base shall be not less than 95% of modified AASHTO maximum dry density.

3. The upper surface of the base shall be sufficiently well graded to prevent the infiltration of the bedding sand into the base during construction and throughout its service life. Segregated areas shall be "blinded" with crushed fines, watered and compacted into the surface.

4. The surface of the base shall be trimmed to (3/8") of the design profiles.

5. Further construction shall not proceed until the base has been inspected and approved by the Engineer.

5-06.3(7) Bedding Sand Course

1. The bedding sand shall be spread in a uniform layer to give a depth after compaction of between (3/4" – 1-1/2"). Under no circumstances shall the bedding sand layer exceed (1-1/2") following compaction of the pavements.

2. The sand shall be maintained at a uniform density. Screeded sand left overnight or subjected to rain shall be rechecked for level and raked and re-screeded where necessary.

3. Do no allow any traffic on the bedding sand prior to paver installation.

4. Bedding sand shall not be used for correcting out of tolerance base.

5-06.3(8) Paver Installation

1. Establish layout pattern and create markings for directional references of joints and stringlines.

2. Set pavers with nominal (1/8") joints. Ensure pavers do not touch one another, or use pavers with spacer ribs.

3. Align pavers to maintain correct lines and patterns.
4. The gaps at the edges shall be filled with standard edge pavers or pavers cut to fit. Cutting shall be done with a guillotine cutter or a masonry saw. No pieces shall be smaller than ¼ of a full paver.

5-06.3(9) Compaction

1. After paver installation, the bedding sand shall be fully compacted and the pavers brought to design levels by not less than three passes of suitable plate compactor.

2. Do not compact within (3 ft.) of the laying edge.

3. Compaction shall follow as closely as possible the laying of the pavers.

4. Surface levels of the completed pavement at paving and curbs shall be left (1/8" to ¼") high to ensure positive drainage.

5-06.3(10) Joint Filling

1. As soon as practical after compaction and prior to the acceptance of construction traffic, jointing sand shall be spread over the pavement. Brush the jointing sand into the joints and re-vibrate with sufficient passes of the plate compactor until all joints are filled.

2. Leave a thick layer of sand on the pavers until the pavement is ready to open to traffic.

3. Seal joint sand with joint sand stabilizer per manufacturer's recommendations.

5-06.3(11) Clean-Up

Sweep sand from the surface prior to opening to traffic.

5-06.3(12) Surface Profile

The finished surface tolerance, when measured with a straight edge, shall be (1/2" in 7 feet).

5-06.4 Measurement

Concrete unit pavers shall be measured by the square foot.

5-06.5 Payment

"Concrete Unit Pavers", per square foot.

Payment shall be full compensation for all costs necessary to furnish all labor, materials, tools, and equipment for the completion of the concrete unit pavers as specified. The compaction of subgrade, bedding sand, jointing sand, geotextile fabric, paver sealer, and efflorescence remover shall be considered incidental to the cost for the contract bid item, "Concrete Unit Paver".
DIVISION 7
DRAINAGE STRUCTURES, STORM SEWERS, SANITARY SEWERS, WATER MAINS, AND CONDUITS

7-01 DRAINS

7-01.2 Materials

Section 7-01.2 is supplemented with the following:

(*****)
Gravel Backfill for Dry Wells 9-03.12(5)
Construction Geosynthetic 9-33

7-01.3 Construction Requirements

Section 7-01.3 is supplemented with the following:

(*****)
The Infiltration Trench shall be constructed per the detail and dimension as specified in the plans. No extra excavation outside the limits of the infiltration trench will be allowed. The Infiltration Trench shall be completely encased in "Moderate Survivability" Class B underground drainage geotextile in accordance with the plans and with section 2-12.31(1) of the Standard Specifications.

7-01.4 Measurement

Section 7-01.4, the second paragraph is revised to read:

(*****)
There will be no specific unit of measurement for any trench excavation in the installation of drain pipes and underdrain pipes.

Section 7-01.4, is supplemented with the following:

(*****)
Gravel backfill for drywells will be measured by the ton.

There will be no specific unit of measurement for underground drainage geotextile used in the infiltration trench.

7-01.5 Payment

Section 7-01.5 is supplemented with the following:

(*****)
The Unit Contract Price for "Gravel Backfill for Drywells" per Ton, shall be full compensation for all labor, equipment, tools, and materials necessary to supply, excavate, load, haul, compact, furnish and place geotextile fabric, and any other work required to complete the item as specified and no further payment will be made.
The unit Contract price per linear foot underdrain pipe of the kind and size specified shall be full pay for all Work to excavate, cut and remove existing surfacing, complete the pipe installation, connection to the catch basin, sewer cleanout, and underground drainage geotextile.

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

7-05.3 Construction Requirements

Section 7-05.3 is supplemented with the following:

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

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

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

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

Utility structures outside paved areas shall be adjusted to match the finish grade of the area surrounding the structure. The Contractor shall from an area a minimum of one foot outside the edges of the structure one foot deep, and pour and finish neatly with Class 4000 concrete to match the slope and grade of the adjacent area. The utility lid shall be cleaned of all concrete prior to acceptance.

7-05.4 Measurement

Section 7-05.4 is supplemented with the following:

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

Connection to existing pipes will be measured per each
Furnishing and installing a new frame and locking solid lid will be measured per each.

7-05.5 Payment

Section 7-05.5 is supplemented with the following:

****

The unit Contract price per each for manholes, inlets, and catch basins of the kind and size specified shall be full pay for all Work to excavate, cut and remove existing surfacing, complete the structure installation, furnish and install gravel backfill for bedding material, trench backfill and compaction with native material and adjust rim to final grade.

Connect to Existing Pipe", per each

The unit Contract price for “Connect to Existing Pipe” per each, shall be full pay for all labor, materials, and equipment to connect a new manhole, inlet or catch basin to an storm sewer pipe.

“Locking Solid Metal Cover and Frame for Catch Basin”, per each

The unit Contract price for “Locking Solid Metal Cover and Frame for Catch Basin” per each, shall be full pay for all labor, materials, and equipment to furnish and install a new frame and locking solid cover on an existing structure, adjust the new frame to final grade and dispose of the existing frame and grate.

“Adjust Manhole”, per each

“Adjust Catch Basin”, per each

“Adjust Valve Box”, per each

“Adjust Cleanout”, per each

“Adjust Meter Box”, per each

The unit Contract price per each shall be full pay for all costs necessary to make the adjustments of structure lids, grates, valve boxes, or meter boxes to final grade per Yakima County plan S-11, including restoration of adjacent areas in a manner acceptable to the Engineer. Contractor shall verify the size and type of structure for each adjustment to determine the scope of work necessary to adjust the structure to grade. Adjustments for catch basins shall include providing new frame and herringbone grates along curb and gutters.
DIVISION 8
MISCELLANEOUS CONSTRUCTION

8-02 ROADSIDE RESTORATION

8-02.1 Description

Section 8-02.1 is supplemented with the following:

(*****)

The work shall consist of preparing sub-grade, topsoil, installing tree root control provisions, fine grading and planting trees, shrubs and other plants, furnishing and installing tree grates in accordance with these Specifications and as shown in the Plans or as directed by the Engineer.

Work shall include all materials, labor, and equipment necessary for finish testing, grading, spreading, imported topsoil, topsoil preparation, amendments and installation; planting of trees, protection, maintenance, guarantee, and replacement of plants; and related items necessary to complete the work indicated. Work includes providing all necessary equipment for watering until final acceptance and for establishing all plantings.

8-02.3 Construction Requirements

8-02.3 (1) Responsibility During Construction

Section 8-02.3(1) is supplemented with the following:

(*****)

Landscape materials shall not be installed until weather permits and installation has been authorized by the Engineer.

Throughout planting operations, the Contractor shall keep the premises clean, free of excess soils, plants, and other materials, including refuse and debris, resulting from the Contractor's work. At the end of each work day, and as each planting area is completed, it shall be neatly dressed, and all surrounding walks and paved areas shall be cleaned to the satisfaction of the Engineer. At the conclusion of work, the Contractor shall remove surplus soils, materials, and debris from the construction site and shall leave the project in a condition acceptable to the Engineer.

8-02.3(2) Roadside Work Plan

Section 8-02.3(2) is supplemented with the following:

(*****)

Within fourteen (14) calendar days after award of Contract, the Contractor shall submit written documentation to the Engineer that all specified plant materials have been ordered. Documentation shall include list of suppliers' names, addresses, and phone numbers along with a list of respective growing or storage locations with addresses.

The Contractor shall provide all plants of the size, species, variety, and quality noted and specified. The Contractor shall contract grow plant materials, if necessary, to ensure that the required size, species, variety, and quality of plant materials shall be provided.
8-02.3(4)A Topsoil Type A

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

*****
The Contractor shall submit two (2) representative samples of proposed imported Topsoil Type A. The Contractor shall provide the Engineer with test results from a laboratory and the laboratory's recommended fertilizer/amendments to the Contractor Topsoil Type A source for his approval prior to placement on the job. The Contractor shall provide and install Topsoil Type A to a uniform depth in all tree and planting areas as shown or noted in the Plans.

8-02.3(7) Layout of Planting

Section 8-02.3(7) is supplemented with the following:

*****
The Contractor is responsible for determining the final quantities of plant materials to complete the Landscape Plan as shown based on the actual number of planters and sizes of areas shown in the plans, and notify the Engineer of any discrepancy prior to planting. The Contractor shall coordinate with the Engineer the final location for all plant materials prior to site delivery. The Contractor shall neither deliver to the site nor install planting materials until authorized by the Engineer. The Contractor shall provide the Engineer with at least one week notice prior to preparing plants for shipping.

8-02.3(8) Planting

Section 8-02.3(8) is supplemented with the following:

*****
Where the drainage of planting holes is limited or non-existent because of heavy clay, hardpan, or rock, it is the responsibility of the Contractor to advise the Engineer who will determine if the drainage is adequate for planting. The Engineer will determine the method and extent of improved drainage required.

All trees and plants shall be planted as detailed on the Plans. Protect plantings during delivery to prevent damage. Protect trees during transport by tying in branches and covering all exposed branches. Deliver all plants with legible identification nursery labels.

Plant during periods normal for optimum growth, as determined by season, weather conditions, and accepted practice. Planting operations may be conducted under unseasonable conditions, without additional compensation, and by accepting FULL responsibility for any subsequent resulting losses.

When performing the following work, do not injure the root system. Do not over-excavate planting pit depth; however, over-excavation of planting pit width is desirable.

Trees shall be handled by the rootball, not by the trunk. Plant trees upright; rotate to give the best appearance. Hold tree rigidly in position until topsoil has been backfilled and tamped firmly around the ball or roots.

When pit is backfilled halfway, place the specified quantity of fertilizer plant tablets and stakes, if necessary, as shown on the Plans. Evenly space the fertilizer tablets around the perimeter.
of and immediately adjacent to the root system. Carefully place, water, and compact planting
topsoil, and fill all voids.

When planting pit is three-quarters (3/4) backfilled, fill with water and allow water to soak
away. Fill pits with additional topsoil to finish grade, and continue backfilling as detailed on the
Plans. Water immediately after planting.

8-02.3(9) Pruning, Staking, Guying & Wrapping

Section 8-02.3(9) is supplemented with the following:

(******)
Contractor shall verify location of underground utilities prior to installation of tree stakes, and
shall avoid and protect underground utilities as required. The cost for tree staking shall be
considered incidental to and included in the unit contract price per each for “PSIPE ________.”

8-02.3(10) Fertilizer

Section 8-02.3(10) is supplemented with the following:

(******)
Fertilizer shall be added to topsoil as defined in Section 9-14.1(1), Topsoil Type “A” of the
Special Provisions.

Fertilizer for trees shall be brands acceptable to the Engineer and conforms to applicable
State fertilizer laws. Fertilizer tablets, 21-gram size, as manufactured by Agriform
International Chemicals, Inc. 20-1-5 analysis shall be applied at a rate of 4 tablets/every foot
of ball diameter, applied per manufacturer’s recommendations and shall be considered
incidental to and included in the unit contract price per each for “PSIPE __________.”

8-02.3(11) Bark or Wood Chip Mulch

Section 8-02.3(11) is supplemented with the following:

(******)
Mulch for trees planted in grass or existing planter areas shall be composted yard waste –
medium grade material, screened and conditioned in storage piles for a least three months
prior to use. Material as supplied by Cedar Grove Compost Company (206) 763-2700 or
approved equal. None of following content permitted:

Resin, tannin, wood fiber, salts, or other compounds detrimental to plant life.

Size range shall be 7/16” to 3/4” with maximum of 30% passing a 1/2” screen.

8-02.3(12) Completion of Initial Planting

Section 8-02.3(12) is supplemented with the following:

(******)
When the Contractor feels that the initial planting is complete, the Contractor shall notify the
Engineer and request an inspection, after which the Engineer will make an inspection and
prepare a list of all planting items that remain to be completed. The Contractor shall then
complete or correct all items identified by the Engineer within five (5) working days and
request another inspection. The Engineer shall then provide the Contractor with written notification of acceptance of initial planting, at which point the plant establishment period shall begin. The Contractor shall continue to maintain all plantings until such notification has been provided.

Completion of initial planting includes the following:

1. Installation of all required planting materials (trees and groundcovers).

2. Planting area cleanup.

3. Full operation of the irrigation system, complete mulch coverage, and all planting areas in a weed free condition.

8-02.3(19) Root Barrier

Section 8-02.3(19) is a new section:

(******)
Contractor shall provide and install root barrier as shown on Drawings and as recommended by the manufacturer. Root Barrier shall be “BioBarrier”™ Root Control Systems, supplied by BioGuard R&D Inc., Richland, WA; (509) 375-3289 or approved equal.

8-02.3(20) Tree Grates

Section 8-02.3(21) is a new section:

(******)
Tree grates shall be an Urban Accessories Cast Iron Grate Chinook Series (4’ x 6’ size) modified with bolt-down option and where installed adjacent to back of curb will have a custom frame (three sides “S” Standard & one side inverted “R” frame), otherwise the frame will be four sides “S” Standard, treated with Corroseal rust converter prior to delivery, or approved equal, Supplied by Architecreation, Seattle, Washington, (206) 932-4730. The frames shall be braced and supported prior to and after concrete work to ensure that they remain straight and do not warp. Each grate panel shall be bolted to the frame with flat head stainless steel, vandal proof bolts into pre-drilled holes in the frames. Grates shall lay flat and snug into frames. If, following installation, the tree grates do not fit snug with a result of raised edges or movement, the frames and grates shall be removed and reset. Contractor shall submit shop drawings of frame and grate. Drawings shall indicate anchoring method to surrounding concrete, along with the method of blocking and supporting.

8-02.3(21) Precast Concrete Planters

Section 8-02.3(22) is a new section:

(******)
Precast Concrete Planters shall be Wausau Tile Westlake Series Planter #TF4229 (48” Diameter) with Westlake 1 Band. Contractor shall submit color samples for Engineer’s selection. Wausau Tile, Inc. Wausau, Wisconsin, (800) 388-8728.

8-02.3(22) Trash Receptacle

Section 8-02.3(23) is a new section:
Trash receptacles shall be Landscape Forms™ "Scarborough" litter receptacle, with 30 gallon capacity, square bar side panel, keyed lock, black powdercoat, side opening, and surface mount. Phone: (503) 292-9102. Trash receptacle shall be installed where indicated in the plans and per manufacturer's recommendations.

8-02.3(23) Bench

Section 8-02.3(23) is a new section:

(******)

The benches shall have backs and be 72 inch long. Polysite seat with exterior loop arms, intermediate arm, and surface mount supports. Backed seat color shall be black.

Benches shall be installed per manufacturer's standard detail for surface mounting.

8-02.3(24) Decorative Fence

Section 8-02.3(24) is a new section:

(******)

8-02.3(24) Decorative Fence

8-02.3(24)A Description

Furnish and install commercialgrade aluminum ornamental fence and accessory as indicated on the drawings and as specified. The work includes, but is not limited to the following:

1. Fences, and Related Hardware.
2. Cast in Place Concrete Forming

8-02.3(24)B Quality Assurance

1. AAMA 603 - Covers test procedures for pigmented organic coatings on extruded aluminum.
2. AAMA 605 - Covers high performance organic coatings on architectural extrusions and panels.
3. ASTM D2247 – Humidity resistance of 1000 hours.
4. ASTM B117 – Salt spray resistance of 1000 hours.
5. Accelerated weathering for 500 hours under Method 6152 of Federal Test Method 141 shall show no adhesion loss, with only slight fading, chalking and water staining.
6. Outdoor weathering shall show no adhesion loss, checking of crazing, with only slight fade and chalk when exposed for one year.
7. Minimum hardness of 2H using ASTM D3363
8-02.3(24)C Submittals

1. Manufacturer’s product literature and certification

2. Shop drawings in sufficient detail to show fabrication, anchorage and interface of the work. Include plan layout, accessories, fittings and hardware.

8-02.3(24)D Manufacturers

The following manufacturer meets the County’s specifications, dimensions, color and aesthetics of the desired decorative fencing to be used for the project:

Delgard Premier Aluminum Fencing
8600 River Road
Delair, New Jersey 08110
Phone: (800) 235-0185
Fax: (856) 663-1297
www.delgard.com

Contractor may submit an alternative manufacturer for County approval.

8-02.3(24)E Materials

1. Aluminum Extrusions: The structural Members of the fence shall be extruded from 6061-T6 (or an equivalent performing alloy registered and recognized in the Aluminum Standards and Data book produced by the Aluminum Association) with minimum ultimate strength of 38,000 PSI and a minimum yield strength of 35,000 PSI. Pickets shall be extruded Aluminum manufactured from 6061-T6 (or an equivalent performing alloy registered and recognized in the Aluminum Standards and Data book produced by the Aluminum Association) with minimum ultimate strength of 36,000 PSI and a minimum yield strength of 32,000 PSI.

2. Fasteners: All fasteners shall be stainless steel with a zinc dichromate coating for enhanced corrosion resistance. Phillips head screws shall be used to attach the pickets to the rails while self-drilling, self-tapping (Phillips) head screws shall be used to connect the rails to the post. All screws shall be painted to match the finish of the fence.

3. Accessories: All castings used for post caps, finials, scrolls, rail/base attachments and latches shall be made from zinc or aluminum. Only stainless steel fasteners may be used with these accessories. All accessories will be painted to match the finish of the fence.

8-02.3(24)F Finish

1. Pretreatment: Before the finish is applied, a five-stage pretreatment must be applied to assure maximum adhesion and corrosion resistance.

   a. Stage 1: High alkaline cleaner to prepare the surface

   b. Stage 2: Water rinse
c. Stage 3: Combination of chromatic, phosphoric and hydrofluoric acids that produce
the chrome-phosphate conversion coating for maximum adhesion and corrosion.

d. Stage 4: Water rinse

e. Stage 5: Water rinse

2. Coating: After the pretreatment, the metal is dried and the paint is then applied. The fence
system shall have an electrostatically applied baked-on acrylic finish that meets or
exceeds industry standard tests.

3. Color: The color shall be black.

8-02.3(24)G Construction Requirements

1. Horizontal Rails shall be 1-1/2" x 1-1/4" "U" channels. Pickets shall pass through holes
punched in the top rail. The rails shall have a top wall thickness of 0.55" and a side wall
thickness of .070". The number of rails shall vary according to manufacturer specifications.

2. Pickets shall be fastened to the rails using zinc-coated stainless steel screws painted to
match the color of the fence. Screws shall be used on only one side of the rail leaving the
other side with a clean appearance. Pickets shall be 3/4" square with a .050" wall
thickness. Welding the pickets to the rails will not allow the fence to rake and is
unacceptable.

3. Posts shall be 2-1/2" square with a .075" wall thickness.

4. Spacing shall be 3-17/32" between pickets.

5. Installed Centers shall be 96" on center 2-1/2" posts STD.

6. Height shall be 48"

7. Color shall be black

8. Horizontal Rails shall be 3 on the 48" height.

9. Strength: Assembled sections should be able to support a minimum of 500 pounds of
vertical load at the mid-point of any horizontal rail without permanent deformation.

10. Surface Conditions

   A. Examine the areas and conditions under which work of this section will be performed.
   Correct conditions detrimental to timely and proper completion of work. Do not proceed
   until unsatisfactory conditions are corrected.

11. Installation

   A. Follow manufacturer's instructions for the installation of all gates and fencing.

   B. All material must be checked upon receipt at the job site prior to installation to check
for damage that may have occurred during transport. The fence system must be stored
is a safe place and dry environment so as to protect it from any potential damage. The fence system must be installed with manufacturer's standard procedures.

12. Setting Posts

A. Remove loose and foreign materials from sites and bottoms of holes and moisten soil prior to pouring concrete. Center and align posts in holes. Place concrete around posts in a continuous pour and vibrate or tamp for consolidation.

B. Check each post for vertical and top alignment. Hold in position during placement and finishing operation. Trowel tops of footings and slope or dome to direct water away from posts.

C. Set keeps, stops, sleeves and other accessories into concrete as required. Keep exposed concrete surfaces moist for at least seven days after placement, or cure with a membrane curing material. Grout-in those parts with are set into sleeved holes, concrete constructions or rock excavations using non-shrink Portland cement grout.

8-02.4 Measurement

Section 8-02.5 is supplemented with the following:

(*****)
Root Barrier will be measured by the linear foot not including the required overlap lengths recommended by the manufacturer.

Tree Grate will be measured per each for each grate furnished and installed.

Precast Concrete Planter 48 In. Diam. will be measured per each for each planter furnished and installed.

Decorative fence will be measured per lineal feet

Benches will be measured per each for each beach furnished and installed.

Trash Receptacle will be measured per each for each receptacle furnished and installed.

8-02.5 Payment

Section 8-02.5 is supplemented with the following:

(*****)
"Root Barrier," per linear foot.

The unit contract price per linear foot for "Root Barrier" shall be full pay for all costs necessary for furnishing and installing root barrier as detailed in the plans, miscellaneous hardware and other related items or work.

"Tree Grate," per each.
The unit contract price per each for "Tree Grate" shall be full pay for all costs necessary for a complete installation including furnishing and installing tree grate as detailed in the plans and including supporting frame required at each location, miscellaneous hardware and other related items or work.

"Bench," per each.

The unit contract price per each for "Bench" shall be full pay for all costs necessary for supplying and installing a bench including miscellaneous hardware and other related items or work.

"Precast Concrete Planter 48 In. Diam.," per each.

The unit contract price per each for "Precast Concrete Planter 48 In. Diam." shall be full pay for all costs necessary for furnishing and installing planter as detailed in the plans including potting soil, backfill for sand drains, geotextile fabric, gravel backfill for drains, planter plantings, and other related work.

"Trash Receptacle," per each.

The unit contract price per each for "Trash Receptacle" shall be full pay for all costs necessary for a complete installation of each trash receptacle including furnishing and installing as detailed in the plans, anchor bolts, miscellaneous hardware and other related items or work.

"Decorative Fence," per lineal feet.

The unit contract price per each for "Decorative Fence" shall be full pay for all costs necessary for a complete installation of decorative fencing including furnishing and installing as detailed in the plans, concrete foundations, miscellaneous hardware and other related items or work.

8-03 IRRIGATION SYSTEMS

8-03.3(2) Excavation

Section 8-03.3(2) is supplemented with the following:

(*=**)
All piping installed by open trenching shall be backfilled with crushed surfacing top course (CSTC). Conduit trench backfill shall be placed in horizontal lifts not to exceed six (6) inches in depth. Compaction of the conduit trenches in all areas shall be accomplished by means of a hand-held gasoline powered impact tamper fitted with a plate not wider than the trench. Compaction shall be 95 percent (%) of the maximum density. All costs to excavate and backfill shall be incidental to the electrical bid items.

8-03.3(12) Cross Connection Control Device Installation

Section 8-03.3(12) is supplemented with the following:

(*=**)
Below surface installation requirements for irrigation sprinkler systems shall utilize a double check valve assembly for backflow prevention:

¾" and 1" Size Devices
Minimum vault size shall be one (1) 24" x 24" x 24" Quazite meter box. Vault lid shall have bolt down security feature. The assembly requires 12 inches of clearance from the wall of the vault to the test cocks. If the test cocks are located on top of the assembly, the 12-inch clearance remains in effect to allow for repair of the device. Additionally, the assembly requires 12 inches of clearance under the device. The assembly shall be installed with two (2) schedule 80 PVC unions to allow for removal of the device in the winter. An approved stop and drain valve (Hays Nuseal or Mueller Mark II Oriseal) shall be installed between the assembly and the meter at a depth of five (5) feet (if installed within twenty (20) feet of the meter); and must also be installed within five (5) feet of the approved backflow assembly to effectively drain for winter.

8-03.3(13) Irrigation Water Service

Section 8-03.3(13) is supplemented with the following:

(*****)
City of Yakima Water/Irrigation Division will install service connections from the main to and including the meter setter for the premises served.

Costs for all service connections/installations performed by the City of Yakima Water/Irrigation Division, including materials and labor, as determined by the Water Distribution Supervisor, shall be paid at the Community and Economic Development Department, City Hall, 129 N. 2nd St. Yakima, WA, 98901, before materials are ordered and the work is scheduled.

8-03.4 Measurement

Section 8-03.4 is supplemented with the following:

(*****)
No unit of measure shall apply to the lump sum price for irrigation systems.

8-03.5 Payment

Section 8-03.5 is supplemented with the following:

(*****)
"Street Irrigation System", Lump sum.

All costs for furnishing and installing irrigation system equipment and components where indicated and as detailed in the Plans, all costs of initial and annual inspections and tests performed on cross connection control devices and electrical wire testing during the life of the Contract, abandoning existing irrigation as shown in the plans, costs for water service connection by the City of Yakima and As Built Plans shall be included in the lump sum price for the complete irrigation system as shown in the Plans or as otherwise approved by the Engineer.

"Parking Lot Irrigation System", Lump sum.

All costs for furnishing and installing irrigation system equipment and components where indicated and as detailed in the Plans, all costs of initial and annual inspections and tests performed on cross connection control devices and electrical wire testing during the life of the Contract, abandoning existing irrigation as shown in the plans, and As Built Plans shall be
included in the lump sum price for the complete irrigation system as shown in the Plans or as otherwise approved by the Engineer.

8-04 CURBS, GUTTERS, AND SPILLWAYS

8-04.3 Construction Requirements

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

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

(*****)
Cement concrete curb, curb and gutter, gutter, spillway, shall be constructed with air entrained concrete Class 4000 conforming to the requirements of Section 6-02. A modified Class 4000 concrete shall be used for any curb installation by slip-form. The proposed mix shall be submitted for review and approval by the Engineer a minimum of ten working days prior to the date of intended use.

8-04.4 Measurement

Section 8-04.4 is supplemented with the following:

Cement concrete curb with dowel bar will be measured per lineal feet.

8-04.5 Payment

Section 8-04.5 is supplemented with the following:

“Cement Conc Curb With Dowel Bar,” per lineal feet.

The unit contract price per each for “Cement Concrete Curb With Dowel Bar” shall be full pay for all costs necessary for a complete installation of curb include install /epoxy dowel bars into existing concrete, drying and cleaning loose material from the existing pavement prior to curb placement, forming and pouring concrete and other related items or work.

8-14 CEMENT CONCRETE SIDEWALKS

8-14.3 Construction Requirements

Section 8-14.3 is deleted and replaced with the following:

(*****)
The concrete in the sidewalks and curb ramps shall be air entrained concrete Class 4000.

8-14.3(3) Placing and Finishing Concrete

Section 8-14.3(3) is supplemented with the following:

(*****)
Prior to placing of any sidewalk, a meeting will be held between the Contacting Agency and the Contractor to discuss the layout of the sidewalk. Required at that meeting will be a
representative of the prime contractor along with the foreman over the concrete work.

A shine shall be placed on the edge of all sidewalk joints match sidewalks along N 2nd Street and E. A Street.

Existing sidewalks at match lines shall be removed to the nearest convenient existing joint or sawcut in a neat vertical, straight transverse line at locations approved by the Engineer. Joint filler material to form a new expansion joint shall be placed as indicated on the Standard Detail for Sidewalk.

At all driveway and handicap ramp depressions, the back of the sidewalk grade shall be depressed to maintain a 2 percent transverse grade from back of curb to back of sidewalk, unless otherwise noted on the plans.

The completed surface of the sidewalk shall not vary more than ¼-inch from the lower edge of a 10-foot straightedge placed on the surface parallel to the curbing.

The Contractor shall provide construction joints as detailed in the Plans, where it is necessary, to stage the forming of sidewalk work in order to maintain access to adjoining businesses.

All existing and new utility boxes located or to be located in the finished sidewalk areas shall be adjusted and supported to be flush with the finish grade of the new sidewalk prior to the sidewalk being placed around them. The utility boxes shall be aligned to have two sides matching concrete joints or score lines. All utility/electrical lids, covers, and boxes shall have mastic around them.

Sidewalks shall be scored as detailed in the plans with mastic joints adjacent to the building, the joints adjacent to the curb and around the light bases. Every third transverse score joint (every 18") shall be made to a depth of 1.5 inches. Concrete sidewalk shall be cured in accordance with Section 5-05.3(13)A of the Standard Specifications. Application of the curing compound shall be in accordance with the manufacturer's recommendations. Failure to properly secure or seal the cement concrete sidewalk will require the Contractor to remove and replace the sidewalk section at his expense.

No mars shall be allowed in the concrete finish. The Contractor shall remove and replace any slabs that have any mars, such as, scuff marks, scratched in lettering, etc. at no cost to the Contracting Agency, no matter who or what the cause.

8-14.4 Measurement

Section 8-14.4 is supplemented with the following:

Measurement of sidewalk ramps will be per each regardless of type.

8-14.5 Payment

Section 8-14.5 is supplemented with the following:

"Cement Concrete Sidewalk Ramp," per each.

The unit contract price per each for "Cement Concrete Sidewalk Ramp" shall be full pay for all costs necessary for a complete installation of each sidewalk as shown in the plans, including pedestrian curbing.
8-20.1 Description

Section 8-20.1 is supplemented with the following:

(*)

4. Pedestrian Lighting System
5. Tree Lighting System
6. Electrical Service Panel
7. CCTV System
8. Parking Control System

8-20.2 Materials

Section 8-20.2 is supplemented with the following:

(*)

The Engineer shall provide the following materials to be incorporated into the project by the Contractor:

**Pedestrian Lighting System**
- Twelve (12) Holophane pedestrian luminaires including lamps and Holophane pedestrian poles including anchor bolts.

All Yakima County furnished material will be made available to the Contractor at the Yakima County Maintenance Shop at 1216 South 18th Street, Yakima, WA. The Contractor shall make arrangements with the Engineer 5 working days in advanced.

Contractor shall provide all other material needed to complete the pedestrian lighting system, tree lighting system, electrical service panels, parking control system and CCTV system, including but not limited to conduit, trenching, wiring, light fixtures, pole adapter to connect the light fixture to the supplied poles, j-boxes, concrete and rebar for foundations, cabinets, and all other electrical items.

The Engineer reserves the right to call for a sample to be delivered within seven (7) calendar days after notification whether in writing or by telephone conversation. It is the responsibility of the Contractor to coordinate approvals, ordering, delivery dates, and installation of material and equipment to produce an accepted workable complete system by stated completion date.

**Conduit:** All conduit installed above grade on this project shall be rigid metal conduit unless otherwise noted on the drawings.

Provide rigid steel elbows for all underground PVC runs.

8-20.3(1) General

Section 8-20.3(1) is supplemented with the following:

(*)

The Contractor is responsible for coordinating with the Washington Department of Labor & Industries for all required inspections for the electrical systems for this project.
8-20.3(2) Excavating and Backfilling

Section 8-20.3(2) is supplemented with the following:

(******)
Pole base foundation excavation shall be augered with proper care to avoid damage to other installations. Concrete shall be poured against undisturbed soil. The Contractor shall demonstrate that the pole base foundation cannot be augered and only then will an alternate foundation design be considered. Any other method used by the Contractor must be requested in writing and approved by the Engineer before any excavation is begun.

All conduit installed by open trenching shall be backfilled with crushed surfacing top course (CSTC). Conduit trench backfill shall be placed in horizontal lifts not to exceed six (6) inches in depth. Compaction of the conduit trenches in all areas shall be accomplished by means of a hand-held gasoline powered impact tamper fitted with a plate not wider than the trench. Compaction shall be 95 percent (%) of the maximum density. All costs to excavate and backfill shall be incidental to the electrical bid items.

At the end of each day's Work, all trenches within the parking lot shall be backfilled and compacted.

8-20.3(4) Foundations

Section 8-20.3(4) is supplemented with the following:

(******)
Foundations for all luminaires shall be constructed of Class 4000 air-entrained concrete.

The top 6 inches of anchor bases shall be formed and finished 18 inches round for pedestrian light standard foundations. Tops shall be ⅝-inch chamfer edges and finished top surface to be poured flat as shown in the details. The top 6 inches shall be separated from adjacent concrete surfaces by means of 15-pound roofing felt.

8-20.3(6) Junction Boxes, Cable Vaults, and Pull Boxes

Section 8-20.3(6) is supplemented with the following:

(******)
All valve boxes, Junction Boxes Type 1 and 2, and other access enclosures to be cast into the sidewalks shall be constructed of polymer concrete gray in color, reinforced by a heavy-weave fiberglass. Covers shall be rated for a minimum surface load of 15,000 lbs. and the boxes shall be rated for a minimum of 8,000 psi over a 10” square area. Material compressive strength should be no less than 11,000 psi. Covers shall have a minimum coefficient of friction of 0.5 and have the logo “Illumination” on it. Boxes shall be supplied by the Strongwell Corp., TN (800) 346-062 or approved equal.

The terms "pullbox" and "junction box" are interchangeable. Pullboxes shall be constructed as shown on the Plans and in accordance with the City of Yakima Standard Details. Pullboxes shall not be located in wheelchair ramps or landing areas. Asphalt joint filler material shall not be installed between pullboxes and other concrete surfaces.

8-20.3(8) Wiring
Section 8-20.3(8) is supplemented with the following:

(*****)

All electrical wiring:
Branch circuit conductors shall each run from the service to the appropriate pullboxes where they branch to the devices. Conductor sizes shall be as shown on the Plans. Conductors shall be individually tagged in each junction box (including junction boxes associated with tree lighting circuits) with circuit and service identification (i.e. "169-13" designating Circuit 13 connected to Service 169). Circuits routed in a common conduit shall be laced or bundled with spiral wrap. In-line fuses shall be installed in each lighting standard base.

8-20.3(9) Bonding, Grounding

Section 8-20.3(9) is supplemented with the following:

(*****)

Bonding jumpers or equipment grounding conductors shall be green insulated wire sized as shown on the plans.

8-20.3(13)B Decorative Light Standards (Pedestrian Light Standards)

Section 8-20.3(13)B is supplemented with the following:

(*****)

Pedestrian Light Standards shall be Holophane™ North Yorkshire Tapered Fluted Case Aluminum Poles and will be supplied at no cost to the Contractor by the County. All labor, tools, materials and equipment necessary to complete the installation of the entire pedestrian light system as detailed in the plans shall be included in the contract bid item, "Pedestrian Lighting System" per lump sum.

8-20.3(13)C Luminaires

Section 8-20.3(13)C is supplemented with the following:

(*****)

Pedestrian light luminaries shall be Holophane™ Harp Series 150 Watt Pulse Start Metal Halide Medium Base, Multi-tap wired for 240 volts and will be supplied at no cost to the Contractor by the County.

8-20.3(13)D Tree Lighting System (New)

Section 8-20.3(13)D is a new section:

(*****)

The Contractor shall provide 120V single phase power to each tree planting location as detail in the plans. All circuits to trees shall be GFCI. The Contractor shall provide three strings of 70 lights each for each tree location, unless the tree is specified without tree lights on the plans. The tree lights shall be purchased from Display Sales, 70 Strawberry Mini LED Clear, product no. MLVLEDCLR. The contact information for Display Sales is:

Display Sales Company
10925 Nesbitt Avenue South
Bloomington, MN 55437
800-328-6195 (toll-free)
952-885-0100 (main)
952-885-0099 (fax)
http://displaysales.com

All labor, tools, materials and equipment necessary to complete the installation of the entire tree lighting system as detailed in the plans shall be included in the contract bid item, “Tree Lighting System” per lump sum.

**8-20.3(18) Closed Circuit Television (CCTV)**

Section 8-20.3(18) is a new section:

**Television Camera Assembly**

The Security camera shall consist of IQeye Sentinel Series camera, software, cables, weatherheads, conduits, and all mounting components.

The following Security Camera components shall be manufactured by IQ inVision and installed in accordance with the plans.

1. **Equipment Model Numbers:**
   - Outdoor Security Camera (5 MP Resolution)
   - IQeye Sentinel Series
   - Camera mounting hardware

2. **Manufacturer:**
   - IQinVision
   - 3500 Pelco Way
   - Clovis, CA 93612-5699
   - Tel: (877) 850-0805
   - www.iqeye.com/

The Contractor shall submit catalog cuts with the Request for Approval of Material prior to ordering this material for review and approval by the Project Engineer.

**CCTV System Testing**

The Contractor shall terminate each installed camera control cable at the designated termination block identified by the Yakima Engineer. The contractor shall test all installed cameras. During each field acceptance testing phase, the Contractor shall replace the CCTV camera installation as necessary at no additional cost to the Contracting Agency.

**8-20.3(19) Parking Control System**

Section 8-20.3(19) is a new section:

Parking control system shall be furnished and installed in accordance with the methods and materials noted in the design plans and herein. The parking control system shall connect to the existing County DSX system. Only employees with designated badges and public safety agencies would be able to have access to the parking lot. Accessing and exiting the parking area will be via one (1) entrance and two (2) exits. The parking control system shall consist of the following:

Entrance:
• A minimum of 14ft wood barrier arm
• Barrier gate operator with built in battery backup
• Key Panel and HID Card Reader with at least 2-foot read range
• Reader Pedestal (heavy-duty)
• Reset loop with detector (6ft X 6ft). Used to keep gate open while vehicle is passing through and as long as the signal is present. The gate arm will lower when vehicle is off this detector loop
• Capability for opening gate remotely from the Sheriff office in the first floor
• Scanner/receiver radio to provide public safety agencies to activate the gate
• 10ft type FB standard, per WSDOT standard specifications, for mounting the scanner/receiver radio. The top of the standard shall be caped
• Chime at the Sheriff office to alert when arm is torn off or hit
• Custom relay on barrier arm to alert Sheriff office
• In the event of a fire alarm or power failure, the gate shall automatically open

Exit:
• A minimum of 14ft wood barrier arm for the exit at N 2nd Street and a minimum of 16ft wood barrier arm for the exit at E A street
• Barrier gate operator with built in battery backup
• Open loop with detector. The gate arm will open when the loop is triggered and shall remain open as long as the loop is triggered. Open loop detector shall be 6ft X 6ft for the exit at N 2nd Street and 5ft X 12ft for the exit at E A Street
• Reset loop with detector (6ft X 6ft). Used to keep gate open while vehicle is passing through and as long as the signal is present. The gate arm will lower when vehicle is off this detector loop
• Chime at the Sheriff office to alert when arm is torn off or hit
• Custom relay on barrier arm to alert Sheriff office
• In the event of a fire alarm or power failure, the gate shall automatically open.

QUALIFICATIONS
A. Installers: Trained, experienced, and licensed technicians of company having minimum three years experience in the installation of telecommunications systems shall perform the work.
B. Installation shall be by a DSX certified installer at the time of the project bid date. Authorized factory representative of the system being installed shall supervise installation, programming, testing, and adjustment of the system.
C. Vendor shall have a fully staffed office within a 50 mile radius of the job site with service staff on 24 hour call, 7 days a week to respond to warranty deficiencies during the warranty period and for future needs after the warranty period expires. Response shall be within 1 hour of notification from Owner to Certified Contractor.
D. Contractor shall be familiar with Yakima County existing database and programming.

The Contractor shall submit catalog cuts with the Request for Approval of Material prior to ordering this material for review and approval by the Project Engineer.

Performance Tests
Gates and gate systems shall be tested upon completion of the installation of a gate or gate system. Failure of a gate or gate system test shall require that all affected gates be chained and locked in the open position until repaired and retested. Programming the parking control system shall be done in coordination with the County engineer.

PRODUCTS REQUIREMENTS
1. CONTROL PANEL
   ACCEPTABLE MANUFACTURERS
   DSX, Inc. (No Exceptions)

   DSX 1024 package with auxiliary module to operate a minimum of (2) doors.

   A. Solid state, with capacity for 8 zones
   B. Supervision of initiating and signaling circuits
   C. Real time clock and test timer
   D. Normal power monitoring, automatic thermal reset breakers
   E. Battery pack and charger with capacity to operate the system in standby for 48 hours
      and 10 minutes of alarm after the 48 hours of standby, battery monitoring and battery
      charging
   F. Power on annunciation
   G. RS-485 bus to connect keypads, zone expanders, and other accessories.

2. PROXIMITY CARD READERS
   Manufacturer - HID
   Maiprox - Long range card reader (at least 10-inch)

3. PIN PADS
   Outdoor rated PIN PAD, compatible with Item 1 (above)

4. HARDWARE
   Manufacturer - Paragon
   Stanchion, capable of supporting Card reader and PIN Pad

   The Contractor shall submit catalog cuts with the Request for Approval of Material prior to
   ordering this material for review and approval by the Project Engineer.

8-20.4 Measurement

Section 8-20.4 is supplemented with the following:

   (*****)
   No specific unit of measurement will apply to the lump sum items for the pedestrian lighting
   system.

   No specific unit of measurement will apply to the lump sum items for the tree lighting system.

   No specific unit of measurement will apply to the lump sum items for the electrical service
   system.

   No specific unit of measurement will apply to the lump sum items for the CCTV system

   No specific unit of measurement will apply to the lump sum items for the parking control
   system.

   No specific unit of measurement will apply to the lump sum item of "Modify Existing
   Illumination and Signal System
Section 8-20.5 is supplemented with the following:

("*****")

"Pedestrian Lighting System", lump sum.

The lump sum contract price for "Pedestrian Lighting System" shall be full pay for the construction of the complete electrical system, modifying existing systems, or both, as shown in the Plans and herein specified including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, salvaging existing materials, new electrical services, making all required tests and inspections, and modifications to existing services. All additional materials and labor, not shown in the plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum contract price.

"Tree Lighting System", lump sum.

The lump sum contract price for "Tree Lighting System" shall be full pay for the construction of the complete electrical system, modifying existing systems, or both, as shown in the Plans and herein specified including excavation, backfilling, concrete foundations, conduit, wiring, restoring facilities destroyed or damaged during construction, salvaging existing materials, new electrical services, making all required tests and inspections, and modifications to existing services. All additional materials and labor, not shown in the plans or called for herein and which are required to complete the electrical system, shall be included in the lump sum contract price.

"Electrical Service Panel", lump sum.

The lump sum contract price for "Electrical Service Panel" shall be full pay for the construction of the complete electrical system, as shown in the Plans, including upgrading and removing existing electrical service panel, installing new electrical service panel, excavation, backfilling, concrete foundation, replacement of sod as necessary, making all required tests and inspections, modifications to existing services, all service connection fees and required coordination efforts with the serving utility. All additional materials and labor, not shown in the Plans or called for herein and are required to complete the electrical system, shall be included in the lump sum contract price.

"CCTV System", lump sum.

The lump sum Contract price for "CCTV System" shall be full pay for furnishing, installation, and testing all materials and equipment necessary to provide a complete closed circuit television system, as described above and as shown in the Plans and herein specified, including Ethernet switches, connection to the existing County network system, excavation, backfilling, concrete foundations, conduit, wiring, cameras, camara mounts, j-boxes, restoring facilities destroyed or damaged during construction, and for making all required tests. All additional material and labor, not shown in the Plans or called for herein and which are required to complete the CCTV system, shall be included in the lump sum Contract price.

"Parking Control System", lump sum.
The lump sum Contract price for “Parking Control System” shall be full pay for furnishing, installing and testing all materials and equipment described above and necessary to provide a complete and operable Parking Control System including all incidental items complete and functional in place. This shall include but not limited to all the described above materials, reinforced foundation for the gate operator, standard foundation, brackets and hardware necessary for mounting scanner/receiver radio, conduits, wiring and cabling to make the system operable including any other necessary modifications, connections, and similar equipment associated with the Parking Control System.

“Modify Existing Illumination and Signal System”, lump sum.

The lump sum Contract price for “Modify Existing Illumination System and Signal System” shall be full pay for the replacement of existing conduits along N. 1 Street, installation of pedestrian push button pole, and replacing all existing j-boxes with new j-boxes adjusted to grade. This shall include but not limited to the replacement of wires, junction boxes and making all the final connections.

8-21 PERMANENT SIGNING

8-21.2 Materials

Section 8-21.2 is supplemented with the following:

Sign Post Socket VLOC Model #23-VR1-Concrete
For use with 2-3/8” OD sign posts

8-21.3(9)F Foundations

Section 8-21.3(9)F is supplemented with the following:

Signpost Sockets shall be set 1/2 inch above the finished sidewalk so that the erected signs will be plumb when installed. The Contractor shall correct any misaligned sockets at his own expense.

8-21.5 Payment

Section 8-21.5 is supplemented with the following:

No separate payment shall be made for the installation of signpost sockets. Compensation for furnishing the sockets, labor, materials, and equipment necessary for the installation of the sockets at the locations shown on the plans shall be included in the unit price for “Permanent Signing.”
DIVISION 9
MATERIALS

9-14 EROSION CONTROL

9-14.1(1) Topsoil Type A

Section 9-14.1(1) is supplemented with the following:

(******)

A. Topsoil Type A mix for planters shall be “Potting Soil” supplied by Morton & Sons, Yakima, WA, (509) 575-8886 or approved equal.

B. Topsoil Type A for street trees shall be “Topsoil Blend” supplied by Morton & Sons, Yakima, WA (509) 575-8886 or approved equal.

C. Contractor shall send minimum on one (1) representative sample of “Potting Soil” and “Topsoil Blend” to an approved soil-testing laboratory (state or commercial laboratory) to determine FERTILITY ANALYSIS (to determine magnesium, nitrogen, potassium, phosphorus levels, calcium, minor elements, soluble salts/conductivity and pH). The results shall be submitted to the Engineer (WITH TEST RESULTS AND LABORATORY RECOMMENDATIONS FOR ORNAMENTAL PLANT GROWTH) for approval prior to use on the project site. The Contractor shall be responsible for what ever soil additives may be required, as recommended by the testing laboratory. The cost for testing and soil additions shall be borne by the Contractor.

9-14.3 Fertilizer

Section 9-14.3 is supplemented with the following:

(******)

General: Fertilizer must be delivered to job sites, mixed as specified, and in standard size unopened containers showing weight, analysis, and name of manufacturer. Material shall be uniform in composition, free-flowing, and suitable for application by mechanical equipment. All elements shall be protected from the weather, particularly moisture, both on and off the job site.

Fertilizer for the trees and groundcover shall be 21-gram Agriform tablets 20-10-5.

Fertilizer for topsoil shall be per Specification Section 9-14.1(1) Topsoil Type A.

9-14.6(5) Inspection

Section 9-14.6(5) is supplemented with the following:

(******)

The review and approval of all plant materials by the Engineer, prior to planting, is mandatory. The Contractor shall have plant samples available at the project site for review during scheduled site visits.

The Contracting Agency reserves the right to reject, through his/her agent, any or all plant material at any time until final inspections and acceptance. Contractor is to remove rejected plants immediately from site.
9-14.6(7)  Temporary Storage

Section 9-14.6(7) is supplemented with the following:

(******)
Ball and burlapped plants that cannot be planted within one (1) day after arrival are to be
heeled-in or otherwise temporarily stored, as specified and in accordance with accepted
horticultural practice and as specified herein.

9-15  IRRIGATION SYSTEM

9-15.3  Automatic Controllers

Section 9-15.3 is supplemented with the following:

(******)
Controller for the four station irrigation system shall be a 9-volt battery powered Hunter™
Smart Valve Controller, Model No. SVC – 400. Controller and valves shall be installed in a
valve box with a lockable lid.

The box for the controller shall be a metal box of weatherproof design with a hasp for locking.
The box shall be as manufactured by Haffman and have a catalog number of
A-18R186 with an enclosure type of 3R or approved equal.

9-15.5  Valve Boxes and Protective Sleeves

Section 9-15.5 is supplemented with the following:

(******)
All valve boxes, Junction Boxes Type 1 and 2, and other access boxes to be cast into the
sidewalks shall be constructed of polymer concrete gray in color, reinforced by a heavy-weave
fiberglass. Covers shall be rated for a minimum surface load of 15,000 lbs. and the boxes
shall be rated for a minimum of 8,000 psi over a 10'' square area. Material compressive
strength should be no less than 11,000 psi. Covers shall have a minimum coefficient of
friction of 0.5 and have the logo "Irrigation" on it. Boxes shall be supplied by the Strongwell
Corp., TN (800) 346-062.

9-15.7(2)  Automatic Control Valves

Section 9-15.7(2) is supplemented with the following:

(******)
Control valves for the four stations required on this project shall be 1'' PGV flow control valves
with solenoids. Each valve shall be labeled as to which station it serves.

9-29  ILLUMINATION, SIGNALS, ELECTRICAL

9-29.1  Conduit, Innerduct, and Outerduct

Section 9-29.1 is supplemented with the following:

(******)
All conduits below grade on this project shall be schedule 40 PVC underground conduits (electrical grade - gray color) with pull rope. Additional materials to be installed on this project include, but are not limited to, junction boxes cables and electrical conductors.

The pull rope shall be a 1/8-inch braided nylon rope, 450 pound breaking strength (similar to King Cotton Products #5051-4-1/8), and shall be installed in each conduit run with two (2) feet doubled back at each termination. When cable is pulled, this rope shall be re-pulled along with the cable.

9-29.2 Junction Boxes

Section 9-29.2 is supplemented with the following:

(*.*)

Junction boxes shall be Type 1, 2, or 3 as shown on the plans. They shall be constructed of polymer concrete and reinforced by a heavy-weave fiberglass. Boxes and covers shall be concrete gray color and rated for no less than 15,000 pounds over a 10" x 10" area and designed and tested to temperatures of -50° F. The covers shall be marked with a "Traffic Signal" or "Street Lighting" logo.

Existing junction boxes shall be removed as shown on the plans and returned to the City of Yakima Traffic Signal Shop. New replacement junction boxes shall be installed even with the new finished sidewalk level or finished grade and positioned so as to properly house all existing exposed conduit stub-ups, wires and cables. The junction boxes shall be aligned to have two sides matching concrete joints or score lines.

APPENDICES
(January 2, 2012)
The following appendices are attached and made a part of this contract:

APPENDIX A - PREVAILING WAGE RATES
Washington State Prevailing Wage Rates - Yakima County
Benefit Code Key
Supplement to Wage Rates

APPENDIX B – STANDARD PLANS

APPENDIX C – GROUP 4: PUBLIC PARKING LOT RESTORATION

STANDBY PLANS
(January 7, 2013)
Standard Plans

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

The Standard Plans are revised as follows:

B-10.20 and B10.40
Substitute “step” in lieu of “handhold” on plan
Offset & Bend details, add the subtitle, “Plan View” above titles

C-5
Deleted

C-13
Deleted

C-13a
Deleted

C-13b
Deleted

C-13c
Deleted

C-14a
Deleted

C-14b
Deleted

C-14c
Deleted

C-14d
Deleted

C-14e
Deleted

C-15a
Deleted

C-15b
Deleted

C-28.40
Deleted

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

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

C-75.10-00
Elevation, callout for premolded joint filler, revise ¼" to 3/8", Note 1, revise ¼" to 3/8".
The Welded Wire Reinforcing Substitution Option Table is deleted. The note, "Optional Substitutions to Welded Wire Reinforcements shall conform to Standard Specification Sections 6-10 and 9-07" is revised to read: "Steel Welded Wire Reinforcement Deformed, for Concrete may be substituted for reinforcing steel in accordance with Standard Specification 6-10.3."

C-75.20-00
Elevation, callout for premolded joint filler, revise ¾" to 3/8", Note 1, revise ¼" to 3/8".
The Welded Wire Reinforcing Substitution Option Table is deleted. The note, "Optional Substitutions to Welded Wire Reinforcements shall conform to Standard Specification Sections 6-10 and 9-07" is revised to read: "Steel Welded Wire Reinforcement Deformed, for Concrete may be substituted for reinforcing steel in accordance with Standard Specification 6-10.3."

C-75.30-00
Elevation, and Plan views, callout for premolded joint filler, revise ¾" to 3/8", Note 1, revise ¼" to 3/8".
The Welded Wire Reinforcing Substitution Option Table is deleted. The note, "Optional Substitutions to Welded Wire Reinforcements shall conform to Standard Specification Sections 6-10 and 9-07" is revised to read: "Steel Welded Wire Reinforcement Deformed, for Concrete may be substituted for reinforcing steel in accordance with Standard Specification 6-10.3."

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

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

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

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

D-3
Deleted

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

G-24.50
Detail B, callout, "Nylon Washer ~ When sign face has Type 3 or 4 sheeting" is revised to read; Nylon Washer ~ When sign face has Type 3, 4, 8 or 9 sheeting"
G-30.10
Sheet 2, "Sign Installation on Signal or Light Standard" detail, "7'-0" Min."(2x) dimension(s)
revised to read 7'-0"

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

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

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

I-60.10
Deleted

I-60.20
Deleted

J-1f
Deleted

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

J-7c
Deleted

J-12
Deleted

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

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

J-16c
Key Note 1, reference to J-16a is revised to J-40.36
J-20.10
Detail A, add callout, ¾" Thick Grout (Four sides)

J-20.11
Section B, add callout, ¾" Thick Grout (Four sides)

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

J-50.16
Deleted

J-75.40
Monotube Sign Structure, elevation, callout – EQUIPMENT GROUNDING CONDUCTOR ~ SIZE
PER NEC. MINIMUM SIZE # 8
Is revised to read; EQUIPMENT GROUNDING CONDUCTOR ~ SIZE PER NEC minimum size #
4 AWG
Detail C, callout– EQUIPMENT GROUNDING CONDUCTOR ~ CLAMP TO STEEL
REINFORCING BAR, SIZE PER NEC MIN. SIZE # 8
Is revised to read; EQUIPMENT GROUNDING CONDUCTOR ~ CLAMP TO STEEL
REINFORCING BAR, SIZE PER NEC minimum size # 4 AWG

J-75.45
elevation, callout – EQUIPMENT GROUNDING CONDUCTOR ~ SIZE PER NEC. MINIMUM
SIZE # 8

Is revised to read:

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

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

Is revised to read:

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"

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

K-80.30
In the NARROW BASE, END view, the reference to Std. Plan C-8e is revised to Std. Plan K-
80.35
The following are the Standard Plan numbers applicable at the time this project was advertised. The date shown with each plan number is the publication approval date shown in the lower right-hand corner of that plan. Standard Plans showing different dates shall not be used in this contract.

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COURTHOUSE SIDEWALK AND PARKING LOT IMPROVEMENT PROJECT

COUNTY PROJECT NO. PW12017-G, PW12018-G & PW12019-G
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| D-2.08-00 | 11/10/05 | D-2.66-00 | 11/10/05 | D-6-01-01 | 6/19/98 |
| D-2.14-00 | 11/10/05 | D-2.88-00 | 11/10/05 | D-10-10-01 | 12/2/08 |
| D-2.16-00 | 11/10/05 | D-2.80-00 | 11/10/05 | D-10.15-01 | 12/2/08 |
| D-2.18-00 | 11/10/05 | D-2.82-00 | 11/10/05 | D-10.20-00 | 7/8/08 |
| D-2.20-00 | 11/10/05 | D-2.84-00 | 11/10/05 | D-10.25-00 | 7/8/08 |
| D-2.32-00 | 11/10/05 | D-2.86-00 | 11/10/05 | D-10.30-00 | 7/8/08 |
| D-2.34-01 | 1/6/09 | D-2.88-00 | 11/10/05 | D-10.35-00 | 7/8/08 |
| D-2.36-02 | 1/6/09 | D-2.92-00 | 11/10/05 | D-10.40-01 | 12/2/08 |
| D-2.42-00 | 11/10/05 | D-3.09-00 | 5/17/12 | D-10.45-01 | 12/2/08 |
| D-2.44-00 | 11/10/05 | D-3.10-00 | 6/16/10 | D-15.10-01 | 12/2/08 |
| D-2.60-00 | 11/10/05 | D-3.11-01 | 3/15/12 | D-15.20-02 | 6/2/11 |
| D-2.62-00 | 11/10/05 | D-3.15-01 | 5/17/12 | D-15.30-01 | 12/2/08 |
| D-2.46-00 | 11/10/05 | D-3.16-01 | 5/17/12 | D-15.10-01 | 12/2/08 |

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| F-10.18-00 | 6/27/11 | F-30.10-01 | 6/3/10 | F-45.10-01 | 6/21/12 |
| F-10.40-02 | 6/21/12 | F-40.12-01 | 6/3/10 | F-80.10-02 | 3/15/12 |
| F-10.42-00 | 1/23/07 | F-40.14-01 | 6/3/10 | |

| G-10.10-00 | 9/20/07 | G-24.60-01 | 6/16/11 | G-70.20-01 | 6/27/11 |
| G-20.10-00 | 9/20/07 | G-25.10-03 | 3/15/12 | G-70.30-01 | 6/27/11 |
| G-24.20-01 | 2/7/12 | G-60.10-01 | 6/27/11 | G-90.30-01 | 6/2/11 |
| G-24.30-01 | 2/7/12 | G-60.20-01 | 6/27/11 | G-90.40-01 | 10/14/09 |
| G-24.40-02 | 2/7/12 | G-60.30-01 | 6/27/11 | G-95.10-01 | 6/2/11 |
| G-24.50-01 | 2/7/12 | G-70.10-01 | 6/27/11 | G-95.20-02 | 6/2/11 |
| G-24.50-01 | 2/7/12 | |

| H-10.10-00 | 7/3/08 | H-32.10-00 | 9/20/07 | H-70.10-01 | 2/7/12 |
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| H-30.10-00 | 10/12/07 | H-60.20-01 | 7/3/08 | H-70.30-02 | 2/7/12 |

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| J-3 | 8/1/97 | J-22.15-00 | 10/14/09 | J-40.30-02 | 5/11/11 |

COURTHOUSE SIDEWALK AND PARKING LOT IMPROVEMENT PROJECT
COUNTY PROJECT NO. PW12017-G, PW12018-G & PW12019-G
SPECIAL PROVISIONS
SP-74
| J-3b          | 3/4/05 | J-22.16-01 | 6/3/10 | J-40.35-00 | 3/15/12 |
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| J-10.15-00    | 7/12/12 | J-28.10-01 | 5/11/11 | J-50.11-00 | 6/3/11 |
| J-15.15-00    | 6/16/10 | J-28.24-00 | 8/07/07 | J-50.15-00 | 6/3/11 |
| J-16b         | 2/10/09 | J-28.26-01 | 12/02/08 | J-50.20-00 | 6/3/11 |
| J-20.10-01    | 7/12/12 | J-28.40-01 | 10/14/09 | J-50.30-00 | 6/3/11 |
| J-20.11-00    | 7/12/12 | J-28.42-00 | 8/07/07 | J-60.05-00 | 6/16/11 |
| J-20.15-01    | 7/12/12 | J-28.45-01 | 6/27/11 | J-60.13-00 | 6/16/10 |
| J-20.16-01    | 7/12/12 | J-28.50-02 | 6/2/11  | J-60.14-00 | 6/16/10 |
| J-20.20-01    | 7/12/12 | J-28.60-01 | 6/2/11  | J-75.10-01 | 5/11/11 |
| J-20.26-01    | 7/12/12 | J-28.70-01 | 5/11/11 | J-75.20-00 | 2/10/09 |
| J-21.15-00    | 10/14/09 | J-29.15-00 | 6/27/11 | J-75.40-00 | 10/14/09 |
| J-21.16-00    | 10/14/09 | J-29.16-00 | 6/27/11 | J-75.45-00 | 10/14/09 |
| J-21.20-00    | 10/14/09 | J-40.20-01 | 5/17/12 | J-90.20-01 | 6/27/11 |

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| K-20.20-01    | 10/12/07 | K-30.40-01 | 10/12/07 | K-55.20-00 | 2/15/07 |
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| K-22.20-01    | 10/12/07 | K-32.60-00 | 2/15/07  | K-70.20-00 | 2/15/07 |
| K-24.20-00    | 2/15/07  | K-32.80-00 | 2/15/07  | K-80.10-00 | 2/21/07 |
| K-24.40-01    | 10/12/07 | K-34.20-00 | 2/15/07  | K-80.20-00 | 12/20/06 |
| K-24.60-00    | 2/15/07  | K-36.20-00 | 2/15/07  | K-80.30-00 | 2/21/07 |
| K-24.80-01    | 10/12/07 | K-40.20-00 | 2/15/07  | K-80.35-00 | 2/21/07 |
| K-26.20-00    | 2/15/07  | K-40.40-00 | 2/15/07  | K-80.37-00 | 2/21/07 |

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| L-30.10-01    | 6/16/11 | L-40.20-02 | 6/21/12 |

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| M-1.80-03     | 6/3/11  | M-17.10-02 | 7/3/08   | M-40.40-00 | 9/20/07 |
| M-2.20-02     | 6/3/11  | M-20.10-02 | 6/3/11   | M-40.50-00 | 9/20/07 |
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| M-3.50-02     | 6/3/11  | M-24.20-01 | 5/31/06  | M-80.10-01 | 6/3/11 |
| M-5.10-02     | 6/3/11  | M-24.40-01 | 5/31/06  | M-80.20-00 | 6/10/08 |
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| M-9.50-01     | 1/30/07 | M-24.60-03 | 5/11/11  |
APPENDIX A

PREVAILING WAGE RATES

Washington State – Yakima County
Benefit Code Key
Supplement to 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:  
3/1/2013

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<tr>
<td>Yakima Laborers</td>
<td>Rip Rap Person</td>
<td>$32.75</td>
<td>ZA</td>
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<td>Yakima Laborers</td>
<td>Rivet Buster</td>
<td>$33.31</td>
<td>ZA</td>
<td>2Y</td>
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<tr>
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<td>Rodder</td>
<td>$33.31</td>
<td>ZA</td>
<td>2Y</td>
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<td>Yakima Laborers</td>
<td>Scaffold Erector</td>
<td>$32.75</td>
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<td>Yakima Laborers</td>
<td>Scale Person</td>
<td>$32.75</td>
<td>ZA</td>
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<tr>
<td>Yakima Laborers</td>
<td>Sloper (over 20&quot;)</td>
<td>$33.31</td>
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<td>Sloper Sprayer</td>
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<tr>
<td>Yakima Laborers</td>
<td>Spreader (concrete)</td>
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<td>ZA</td>
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<td>Stake Hopper</td>
<td>$32.75</td>
<td>ZA</td>
<td>2Y</td>
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<tr>
<td>Yakima Laborers</td>
<td>Stock Piler</td>
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<td>ZA</td>
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<tr>
<td>Yakima Laborers</td>
<td>Tamper &amp; Similar Electric, Air &amp; Gas Operated Tools</td>
<td>$33.31</td>
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<td>Yakima Laborers</td>
<td>Tamper (multiple &amp; Self-propelled)</td>
<td>$33.31</td>
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<td>Timber Person - Sewer (tagger, Shorer &amp; Cribber)</td>
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<td>Toolroom Person (at Jobsite)</td>
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<td>Yakima Laborers</td>
<td>Topper</td>
<td>$32.75</td>
<td>ZA</td>
<td>2Y</td>
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<td>Track Laborer</td>
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<td>Yakima Laborers</td>
<td>Track Liner (power)</td>
<td>$33.31</td>
<td>ZA</td>
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<tr>
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<td>Traffic Control Laborer</td>
<td>$32.61</td>
<td>ZA</td>
<td>1H 8R</td>
</tr>
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<td>Traffic Control Supervisor</td>
<td>$32.61</td>
<td>ZA</td>
<td>1H 8R</td>
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<tr>
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<td>Truck Spotter</td>
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<td>ZA</td>
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<tr>
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<td>Tugger Operator</td>
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<td>Tunnel Work-Miner</td>
<td>$33.81</td>
<td>ZA</td>
<td>2Y 8Q</td>
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<td>Vibrator</td>
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<tr>
<td>Yakima Laborers</td>
<td>Vinyl Seamer</td>
<td>$32.75</td>
<td>ZA</td>
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<tr>
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<td>Watchman</td>
<td>$28.07</td>
<td>ZA</td>
<td>2Y</td>
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<tr>
<td>Yakima Laborers</td>
<td>Welder</td>
<td>$33.31</td>
<td>ZA</td>
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<td>Well Point Laborer</td>
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<tr>
<td>Yakima Laborers</td>
<td>Window Washer/cleaner</td>
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<td>Yakima Laborers - Underground Sewer &amp; Water</td>
<td>General Laborer &amp; Topman</td>
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<td>Yakima Laborers - Underground Sewer &amp; Water</td>
<td>Pipe Layer</td>
<td>$33.31</td>
<td>ZA</td>
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<td>Yakima Landscape Construction</td>
<td>Irrigation Or Lawn Sprinkler Installers</td>
<td>$9.19</td>
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<tr>
<td>Yakima Landscape Construction</td>
<td>Landscape Equipment Operators Or Truck Drivers</td>
<td>$15.45</td>
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<td>Landscaping Or Planting Laborers</td>
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<tr>
<td>Yakima</td>
<td>Occupation</td>
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<tr>
<td>Lathers</td>
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<td>5D</td>
<td>1M</td>
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<td>Marble Setters</td>
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<td>Metal Fabrication (In Shop)</td>
<td>Fitter</td>
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<td>Painters</td>
<td>Journey Level</td>
<td>$28.12</td>
<td>GZ</td>
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<td>Pile Driver</td>
<td>Journey Level</td>
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<td>5D</td>
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<td>$48.23</td>
<td>7Q</td>
<td>1R</td>
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<tr>
<td>Playground &amp; Park Equipment Installers</td>
<td>Journey Level</td>
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<td>Plumbers &amp; Pipefitters</td>
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<td>$72.04</td>
<td>6Z</td>
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<td>Asphalt Plant Operators</td>
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<td>7A</td>
<td>3C</td>
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<td>Assistant Engineer</td>
<td>$48.62</td>
<td>7A</td>
<td>3C</td>
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<td>Power Equipment Operators</td>
<td>Barrier Machine (zipper)</td>
<td>$51.40</td>
<td>7A</td>
<td>3C</td>
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<td>Batch Plant Operator, Concrete</td>
<td>$51.40</td>
<td>7A</td>
<td>3C</td>
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<td>Bobcat</td>
<td>$48.62</td>
<td>7A</td>
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<td>Brokk - Remote Demolition Equipment</td>
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<td>7A</td>
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<td>Bump Cutter</td>
<td>$51.40</td>
<td>7A</td>
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<td>Cableways</td>
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<td>7A</td>
<td>3C</td>
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<td>7A</td>
<td>3C</td>
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<tr>
<td>Power Equipment Operators</td>
<td>Concrete Pump: Truck Mount With Boom Attachment Over 42 M</td>
<td>$51.89</td>
<td>7A</td>
<td>3C</td>
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<td>Concrete Finish Machine -laser Screed</td>
<td>$48.62</td>
<td>7A</td>
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<td>Power Equipment Operators</td>
<td>Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure.</td>
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<td>3C</td>
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<td>Power Equipment Operators</td>
<td>Concrete Pump: Truck Mount With Boom Attachment Up To 42m</td>
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<td>7A</td>
<td>3C</td>
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<td>Power Equipment Operators</td>
<td>Conveyors</td>
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<td>7A</td>
<td>3C</td>
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<tr>
<td>Power Equipment Operators</td>
<td>Cranes: 20 Tons Through 44 Tons With Attachments</td>
<td>$51.40</td>
<td>7A</td>
<td>3C</td>
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<tr>
<td>Power Equipment Operators</td>
<td>Cranes: 20 Tons Through 44 Tons With Attachments Overhead, Bridge Type Crane: 20 Tons Through 44 Tons</td>
<td>$51.40</td>
<td>7A</td>
<td>3C</td>
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<tr>
<td>Power Equipment Operators</td>
<td>Cranes: 100 Tons Through 199 Tons, Or 150' Of Boom</td>
<td>$52.44</td>
<td>7A</td>
<td>3C</td>
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<tr>
<td>Location</td>
<td>Position</td>
<td>Description</td>
<td>Rate</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Cranes: 100 Tons Through 199 Tons, or 150' of boom (including jib with attachments); Overhead, bridge type, 100 tons and over; Tower crane up to 175' in height, base to boom.</td>
<td>$52.44</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Cranes: 200 Tons To 300 Tons, Or 250' Of Boom (including Jib With Attachments)</td>
<td>$53.01</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (including Jib With Attachments)</td>
<td>$51.89</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Cranes: A-frame - 10 Tons And Under</td>
<td>$48.62</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Cranes: Friction 100 Tons Through 199 Tons</td>
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<td>Cranes: Friction Over 200 Tons</td>
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<td>Power Equipment Operators</td>
<td>Cranes: Over 300 Tons Or 300' Of Boom (including Jib With Attachments)</td>
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<td>Power Equipment Operators</td>
<td>Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons</td>
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<td>Power Equipment Operators</td>
<td>Crusher</td>
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<td>Deck Engineer/deck Winches (power)</td>
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<td>Power Equipment Operators</td>
<td>Derricks, On Building Work</td>
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<td>Power Equipment Operators</td>
<td>Dozer Quad 9, HD 41, D10 and Over</td>
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<td>Dozers D-9 &amp; Under</td>
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<td>Power Equipment Operators</td>
<td>Drill Oilers: Auger Type, Truck Or Crane Mount</td>
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<td>Power Equipment Operators</td>
<td>Drilling Machine</td>
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<td>Elevator And Man-lift: Permanent And Shaft Type</td>
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<td>Power Equipment Operators</td>
<td>Finishing Machine, Bidwell And Gamaco &amp; Similar Equipment</td>
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<td>Power Equipment Operators</td>
<td>Forklift: 3000 Lbs And Over With Attachments</td>
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<td>Forklifts: Under 3000 Lbs. With Attachments</td>
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<td>Power Equipment Operators</td>
<td>Gradechecker/stakeman</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Guardrail Punch</td>
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<td>Power Equipment Operators</td>
<td>Guardrail Punch/Auger</td>
<td>$51.40</td>
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<td>Power Equipment Operators</td>
<td>Hard Tail End Dump</td>
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<td>Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards</td>
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<td>7A</td>
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<td>Power Equipment Operators</td>
<td>Horizontal/directional Drill Locator</td>
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<td>Power Equipment Operators</td>
<td>Horizontal/directional Drill Operator</td>
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<td>7A</td>
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<tr>
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<td>Power Equipment Operators</td>
<td>Hydralifts/boom Trucks Over 10 Tons</td>
<td>$50.98</td>
<td>7A</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Hydralifts/boom Trucks, 10 Tons And Under</td>
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<td>7A</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Loader, Overhead 8 Yards. &amp; Over</td>
<td>$52.44</td>
<td>7A</td>
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<tr>
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<td>Power Equipment Operators</td>
<td>Loader, Overhead, 6 Yards. But Not Including 8 Yards</td>
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<td>7A</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Loaders, Overhead Under 6 Yards</td>
<td>$51.40</td>
<td>7A</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Loaders, Plant Feed</td>
<td>$51.40</td>
<td>7A</td>
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<td>Power Equipment Operators</td>
<td>Loaders: Elevating Type Belt</td>
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<td>7A</td>
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<td>Power Equipment Operators</td>
<td>Locomotives, All</td>
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<td>Material Transfer Device</td>
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<td>7A</td>
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<td>Mechanics, All (leadmen - $0.50 Per Hour Over Mechanic)</td>
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<td>Mixers: Asphalt Plant</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Motor Patrol Grader - Non-finishing</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Motor Patrol Graders, Finishing</td>
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<td>7A</td>
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<td>Power Equipment Operators</td>
<td>Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield</td>
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<td>7A</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Oil Distributors, Blower Distribution &amp; Mulch Seeding Operator</td>
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<td>7A</td>
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<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Outside Hoists (elevators And Manlifts), Air Tuggers,strato</td>
<td>$50.98</td>
<td>7A</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Overhead, Bridge Type Crane: 20 Tons Through 44 Tons</td>
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<td>7A</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Overhead, Bridge Type: 100 Tons And Over</td>
<td>$52.44</td>
<td>7A</td>
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<tr>
<td>Yakima</td>
<td>Power Equipment Operators</td>
<td>Overhead, Bridge Type: 45 Tons Through 99 Tons</td>
<td>$51.89</td>
<td>7A</td>
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<td>Concrete Pump: Truck Mount With Boom Attachment Up To 42m</td>
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<td>Cranes: 20 Tons Through 44 Tons With Attachments</td>
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<td>Cranes: 20 Tons Through 44 Tons With Attachments Overhead, Bridge Type Crane:</td>
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<td>20 Tons Through 44 Tons</td>
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<td>Power Equipment Operators</td>
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<td>Cranes: 100 Tons Through 199 Tons, Or 150' Of Boom (Including Jib With</td>
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<td>Cranes: 200 Tons To 300 Tons, Or 250’ Of Boom (including Jib With Attachments)</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
<td>Cranes: 45 Tons Through 99 Tons, Under 150’ Of Boom (including Jib With Attachments)</td>
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<td>Yakima</td>
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<td>Cranes: A-frame - 10 Tons And Under</td>
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<td>7A 3C BP</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
<td>Cranes: Friction 100 Tons Through 199 Tons</td>
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<td>Power Equipment Operators - Underground Sewer &amp; Water</td>
<td>Cranes: Friction Over 200 Tons</td>
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<td>7A 3C BP</td>
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<td>Cranes: Over 300 Tons Or 300’ Of Boom (including Jib With Attachments)</td>
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<td>7A 3C BP</td>
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<td>Dozers D-9 &amp; Under</td>
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<td>Forklift: 3000 Lbs And Over With Attachments</td>
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<td>7A 3C BP</td>
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<td>7A 3C BP</td>
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<td>Guardrail Punch/Auger</td>
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<td>Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards</td>
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<td>Hydralifts/boom Trucks Over 10 Tons</td>
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<td>Power Equipment Operators-Underground Sewer &amp; Water</td>
<td>Hydralifts/boom Trucks, 10 Tons And Under</td>
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<td>Loader, Overhead 8 Yards. &amp; Over</td>
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3/1/2013
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3/1/2013
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Overtime Codes

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

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

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

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

D. The first two (2) hours before or after a five-eight (5/8) 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.
ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

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

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

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

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

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

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

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

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

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

W. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage. On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The first eight (8) hours worked on the fifth day shall be paid at one and one-half times the hourly rate of wage. All other hours worked on the fifth, sixth, and seventh days and on holidays shall be paid at double the hourly rate of wage.

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

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

A. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at time and one-half the straight time rate. Hours worked over twelve hours (12) in a single shift and all work performed after 6:00 pm Saturday to 6:00 am Monday and holidays shall be paid at double the straight time rate of pay. Any shift starting between the hours of 6:00 pm and midnight shall receive an additional one dollar ($1.00) per hour for all hours worked that shift. The employer shall have the sole discretion to assign overtime work to employees. Primary consideration for overtime work shall be given to employees regularly assigned to the work to be performed on overtime situations. After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
3. B. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

C. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays shall be paid at double the hourly rate of wage. After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

D. All hours worked between 6:00 pm Monday through 6:00 am Saturday, shall be paid at an overtime rate of 15% over the hourly rate of wage. All other hours worked after 6:00 am on Saturdays, shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

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

G. 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, 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 8:00 am Sunday to 8:00 am Monday and Holidays shall be paid at double the straight time rate of pay. 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.

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

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

**Holiday Codes**


Holiday Codes Continued


Benefit Code Key – Effective 3-3-2013 thru 8-30-2013


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

Holiday Codes Continued


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

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

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

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

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


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

I. Holidays: New Year’s Day, President’s Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
Benefit Code Key – Effective 3-3-2013 thru 8-30-2013

7. 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 Working Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

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, Christmas Day, And the Day after or before Christmas Day. 10. Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

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


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

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

S. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, Christmas Day, The Day After Christmas, And A Floating Holiday (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.

Note Codes

8. A. In addition to the hourly wage and fringe benefits, the following depth premiums apply to depths of fifty feet or more:
Over 50' To 100' -$2.00 per Foot for Each Foot Over 50 Feet
Over 100' To 150' -$3.00 per Foot for Each Foot Over 100 Feet
Over 150' To 220' -$4.00 per Foot for Each Foot Over 150 Feet
Over 220' -$5.00 per Foot for Each Foot Over 220 Feet
C. In addition to the hourly wage and fringe benefits, the following depth premiums apply to depths of fifty feet or more:
   Over 50' To 100' - $1.00 per Foot for Each Foot Over 50 Feet
   Over 100' To 150' - $1.50 per Foot for Each Foot Over 100 Feet
   Over 150' To 200' - $2.00 per Foot for Each Foot Over 150 Feet
   Over 200' - Divers May Name Their Own Price

D. Workers working with supplied air on hazmat projects receive an additional $1.00 per hour.

L. Workers on hazmat projects receive additional hourly premiums as follows - Level A: $0.75, Level B: $0.50, and Level C: $0.25.

M. Workers on hazmat projects receive additional hourly premiums as follows: Levels A & B: $1.00, Levels C & D: $0.50.

N. Workers on hazmat projects receive additional hourly premiums as follows - Level A: $1.00, Level B: $0.75, Level C: $0.50, and Level D: $0.25.

P. Workers on hazmat projects receive additional hourly premiums as follows - Class A Suit: $2.00, Class B Suit: $1.50, Class C Suit: $1.00, and Class D Suit $0.50.

Q. The highest pressure registered on the gauge for an accumulated time of more than fifteen (15) minutes during the shift shall be used in determining the scale paid.

R. Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. These classifications are only effective on or after August 31, 2012.

S. Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.

T. Effective August 31, 2012 – A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.
Washington State Department of Labor and Industries
Policy Statement
(Regarding the Production of "Standard" or "Non-standard" Items)

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

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

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

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

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

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

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

Any firm with questions regarding the policy, WSDOT's Predetermined List, or for determinations of covered and non-covered workers shall be directed to State L&I at (360) 902-5330.
Below is a list of potentially prefabricated items, originally furnished by WSDOT to Washington State Department of Labor and Industries, that may be considered non-standard and therefore covered by the prevailing wage law, RCW 39.12. Items marked with an X in the "YES" column should be considered to be non-standard and therefore covered by RCW 39.12. Items marked with an X in the "NO" column should be considered to be standard and therefore not covered. Of course, exceptions to this general list may occur, and in that case shall be evaluated according to the criteria described in State and L&I's policy statement.

<table>
<thead>
<tr>
<th>ITEM DESCRIPTION</th>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Metal rectangular frames, solid metal covers, herringbone grates, and bi-directional vaned grates for Catch Basin Types 1, 1L, 1P, and 2 and Concrete Inlets. See Std. Plans.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>2. Metal circular frames (rings) and covers, circular grates, and prefabricated ladders for Manhole Types 1, 2, and 3, Drywell Types 1, 2, and 3 and Catch Basin Type 2. See Std. Plans.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>3. Prefabricated steel grate supports and welded grates, metal frames and dual vaned grates, and Type 1, 2, and 3 structural tubing grates for Drop Inlets. See Std. Plans.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>4. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes smaller than 60 inch diameter.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>5. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes larger than 60 inch diameter.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>6. Corrugated Steel Pipe - Steel lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, 1 thru 5.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>7. Corrugated Aluminum Pipe - Aluminum lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, #5.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
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<td>---------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>8. Anchor Bolts &amp; Nuts - Anchor Bolts and Nuts, for mounting sign structures,</td>
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<td>X</td>
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<tr>
<td>luminaries and other items, shall be made from commercial bolt stock.</td>
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<tr>
<td>See Contract Plans and Std. Plans for size and material type.</td>
<td></td>
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<tr>
<td>9. Aluminum Pedestrian Handrail - Pedestrian handrail conforming to the type</td>
<td></td>
<td>X</td>
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<tr>
<td>and material specifications set forth in the contract plans. Welding of</td>
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<tr>
<td>aluminum shall be in accordance with Section 9-28.14(3).</td>
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<tr>
<td>10. Major Structural Steel Fabrication - Fabrication of major steel items</td>
<td></td>
<td>X</td>
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<tr>
<td>such as trusses, beams, girders, etc., for bridges.</td>
<td></td>
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<tr>
<td>11. Minor Structural Steel Fabrication - Fabrication of minor steel items</td>
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<td>X</td>
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<tr>
<td>such as special hangers, brackets, access doors for structures, access</td>
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<td></td>
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<tr>
<td>ladders for irrigation boxes, bridge expansion joint systems, etc., involving</td>
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<tr>
<td>welding, cutting, punching and/or boring of holes. See Contact Plans for item</td>
<td></td>
<td></td>
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<tr>
<td>description and shop drawings.</td>
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<td></td>
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<tr>
<td>12. Aluminum Bridge Railing Type BP - Metal bridge railing conforming to the</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>type and material specifications set forth in the Contract Plans. Welding of</td>
<td></td>
<td></td>
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<tr>
<td>aluminum shall be in accordance with Section 9-28.14(3).</td>
<td></td>
<td></td>
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<tr>
<td>13. Concrete Piling--Precast-Prestressed concrete piling for use as 55 and 70</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>ton concrete piling. Concrete to conform to Section 9-19.1 of Std. Spec..</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14. Precast Manhole Types 1, 2, and 3 with cones, adjustment sections and flat</td>
<td></td>
<td>X</td>
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<tr>
<td>top slabs. See Std. Plans.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15. Precast Drywell Types 1, 2, and with cones and adjustment Sections.</td>
<td></td>
<td>X</td>
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<tr>
<td>See Std. Plans.</td>
<td></td>
<td></td>
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<tr>
<td>16. Precast Catch Basin - Catch Basin type 1, 1L, 1P, and 2 With adjustment</td>
<td></td>
<td>X</td>
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<tr>
<td>sections. See Std. Plans.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
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<td>----------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>17. Precast Concrete Inlet - with adjustment sections,</td>
<td></td>
<td>X</td>
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<tr>
<td>See Std. Plans</td>
<td></td>
<td></td>
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<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>
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<tr>
<td>19. Precast Grate Inlet Type 2 with extension and top units.</td>
<td></td>
<td>X</td>
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<tr>
<td>See Std. Plans</td>
<td></td>
<td></td>
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<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>
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<tr>
<td>approval prior to casting</td>
<td></td>
<td></td>
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<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>
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<tr>
<td>may be used as permanent barrier.</td>
<td></td>
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<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>
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<tr>
<td>and materials to be used. See Shop Drawing. Fabrication at other locations may be</td>
<td></td>
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<tr>
<td>approved, after facilities inspection, contact HQ. Lab.</td>
<td></td>
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<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</td>
<td></td>
<td></td>
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<tr>
<td>and materials to be used</td>
<td></td>
<td></td>
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<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
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<td>---------------------------------------------------------------------------------</td>
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<tr>
<td>27. Precast Railroad Crossings - Concrete Crossing Structure</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Slabs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28. 12, 18 and 26 inch Standard Precast Prestressed Girder --</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Standard Precast Prestressed Girder for use in structures. Fabricator plant has</td>
<td></td>
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<tr>
<td>annual approval of methods and materials to be used. Shop Drawing to be provided</td>
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<td></td>
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<tr>
<td>for approval prior to casting girders.</td>
<td></td>
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<tr>
<td>See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
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<tr>
<td>29. Prestressed Concrete Girder Series 4-14 - Prestressed Concrete Girders for</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>use in structures. Fabricator plant has annual approval of methods and materials</td>
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<tr>
<td>to be used. Shop Drawing to be provided for approval prior to casting girders.</td>
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<tr>
<td>See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
<td></td>
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<tr>
<td>30. Prestressed Tri-Beam Girder - Prestressed Tri-Beam Girders for use in</td>
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<td>X</td>
</tr>
<tr>
<td>structures. Fabricator plant has annual approval of methods and materials to be</td>
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<tr>
<td>used. Shop Drawing to be provided for approval prior to casting girders.</td>
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<tr>
<td>See Std. Spec. Section 6-02.3(25)A</td>
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<tr>
<td>31. Prestressed Precast Hollow-Core Slab – Precast Prestressed Hollow-core slab</td>
<td></td>
<td>X</td>
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<tr>
<td>for use in structures. Fabricator plant has annual approval of methods and</td>
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<tr>
<td>materials to be used. Shop Drawing to be provided for approval prior to casting</td>
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<tr>
<td>girders.</td>
<td></td>
<td></td>
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<tr>
<td>See Std. Spec. Section 6-02.3(25)A</td>
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<tr>
<td>32. Prestressed-Bulb Tee Girder - Bulb Tee Prestressed Girder for use in</td>
<td></td>
<td>X</td>
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<tr>
<td>structures. Fabricator plant has annual approval of methods and materials to be</td>
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<tr>
<td>used. Shop Drawing to be provided for approval prior to casting girders.</td>
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<tr>
<td>See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
<td></td>
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<tr>
<td>33. Monument Case and Cover</td>
<td></td>
<td>X</td>
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<tr>
<td>See Std. Plan.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Supplemental to Wage Rates
03/03/2013 Edition, Published February 1st, 2013
<table>
<thead>
<tr>
<th>ITEM DESCRIPTION</th>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<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>X</td>
<td></td>
</tr>
<tr>
<td>37. Steel Sign Post - Fabricated Steel Sign Posts as detailed in Std Plans. Shop drawings for approval are to be provided prior to fabrication</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>38. Light Standard-Prestressed - Spun, prestressed, hollow concrete poles.</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>39. Light Standards - Lighting Standards for use on highway illumination systems, poles to be fabricated to conform with methods and materials as specified on Std. Plans. See Special Provisions for pre-approved drawings.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>40. Traffic Signal Standards - Traffic Signal Standards for use on highway and/or street signal systems. Standards to be fabricated to conform with methods and material as specified on Std. Plans. See Special Provisions for pre-approved drawings</td>
<td>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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<td>---------------------------------------------------------------------------------</td>
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<tr>
<td>42. Traffic Signs - Prior to approval of a Fabricator of Traffic Signs, the</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>sources of the following materials must be submitted and approved for</td>
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<tr>
<td>reflective sheeting, legend material, and aluminum sheeting.</td>
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<tr>
<td><strong>NOTE:</strong> *** Fabrication inspection required. Only signs tagged</td>
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<tr>
<td>&quot;Fabrication Approved&quot; by WSDOT Sign Fabrication Inspector to be installed</td>
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<tr>
<td>43. Cutting &amp; bending reinforcing steel</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>44. Guardrail components</td>
<td>X</td>
<td>X</td>
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<tr>
<td></td>
<td>Custom Message</td>
<td>Std Signing Message</td>
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<tr>
<td>45. Aggregates/Concrete mixes</td>
<td></td>
<td></td>
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<td></td>
<td>Covered by WAC 296-127-018</td>
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<tr>
<td>46. Asphalt</td>
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<td></td>
<td>Covered by WAC 296-127-018</td>
<td></td>
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<tr>
<td>47. Fiber fabrics</td>
<td>X</td>
<td></td>
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<tr>
<td>48. Electrical wiring/components</td>
<td>X</td>
<td></td>
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<tr>
<td>49. treated or untreated timber pile</td>
<td>X</td>
<td></td>
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<tr>
<td>50. Girder pads (elastomeric bearing)</td>
<td>X</td>
<td></td>
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<tr>
<td>51. Standard Dimension lumber</td>
<td>X</td>
<td></td>
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<tr>
<td>52. Irrigation components</td>
<td>X</td>
<td></td>
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<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
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<tr>
<td>53. Fencing materials</td>
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<td>X</td>
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<tr>
<td>54. Guide Posts</td>
<td></td>
<td>X</td>
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<tr>
<td>55. Traffic Buttons</td>
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<td>X</td>
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<tr>
<td>56. Epoxy</td>
<td></td>
<td>X</td>
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<tr>
<td>57. Cribbing</td>
<td></td>
<td>X</td>
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<tr>
<td>58. Water distribution materials</td>
<td></td>
<td>X</td>
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<tr>
<td>59. Steel &quot;H&quot; piles</td>
<td></td>
<td>X</td>
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<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.

- 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.]
PLAN VIEW

NTS

WSDOT STANDARD PLAN
D-30.10-00 AND D-30.50-00

RISER SECTION
(AS APPLICABLE)

RISER SECTION
(AS APPLICABLE)

GROUT TYPE 2 PER ASTM
C-1107 BETWEEN RISERS AND
GRATE (TYP.)

PRECAST WATERPROOF SLEEVE
OR GROUT TYPE 2, INSIDE AND OUT
(TYP.), MEETING ASTM C-1107,
MINIMUM COMpressive STRENGTH
SHALL BE 4000 PSI AT 7 DAYS.

OUTLET

PIPE

CRUSHED SURFACING
TOP COURSE FOR BEDDING,
AS NEEDED

SEE PLANS FOR INVERT ELEVATION
TYPE 1 CATCH BASIN, SEE WSDOT
STANDARD PLAN B-5.20-01

SECTION A-A

NTS

NOTE:
WHEN STREET GRADE EXCEEDS 5% USE VANED GRATE WSDOT STANDARD PLAN
D-30.30-00.

TYPE 1 CATCH BASIN STRUCTURE

APPROVED BY: [Signature]
County Engineer:

DATE:

STANDARD PLAN
D-1

REVISION: DESCRIPTION: DATE:

YAKIMA COUNTY
PUBLIC WORKS

SHEET 1 OF 1
NOTES:
1) CEMENT CONCRETE FOR CURBS AND GUTTERS SHALL MEET THE REQUIREMENTS FOR CLASS 4000 CONCRETE.
2) PREMOLDED JOINT FILLER SHALL MEET THE REQUIREMENTS OF SECTION 9-04.1 OF THE WSDOT STANDARD SPECIFICATIONS.
3) FULL DEPTH EXPANSION JOINTS WITH 1/4" ASPHALT EXPANSION JOINT FILLER SHALL BE PLACED AT 15'-0" INTERVALS, AND AT ALL POINTS OF TANGENCY. CONTRACTION JOINTS SHALL BE PLACED AT 5'-0" INTERVALS TYPICALLY.
4) CEMENT CONCRETE CURBS AND GUTTERS SHALL BE FINISHED AS SPECIFIC IN SECTION 8-04 OF THE STANDARD SPECIFICATIONS.
5) CEMENT CONCRETE CURBS AND GUTTERS SHALL BE CURED AS SPECIFIED IN SECTION 5-05.3(13) OF THE WSDOT STANDARD SPECIFICATIONS.
6) BACKFILL MATERIAL BEHIND CURBS SHALL EXTEND FROM TOP BACK OF CURB TO A POINT AS DIRECTED BY THE ENGINEER. THE TOP 4" OF BACKFILL, OR NATIVE MATERIAL, SHALL BE A FINE GRADED MATERIAL SUITABLE FOR LAWNS, AND SHALL BE COMPACTED.
NOTES:

1) THE ASPHALT CONCRETE PAVEMENT SHALL BE CUT AND REMOVED TO A NEAT CIRCLE, THE DIAMETER OF WHICH SHALL BE EQUAL TO THE OUTSIDE DIAMETER OF THE FRAME PLUS 2 FEET. THE FRAME SHALL BE PLACED ON ADJUSTMENT RINGS AND SET TO THE DESIRED GRADE. THE BASE MATERIALS SHALL BE REMOVED AND CLASS 3000 CONCRETE SHALL BE PLACED WITHIN THE ENTIRE VOLUME OF THE EXCAVATION UP TO 0.15' BELOW THE FINISHED PAVEMENT SURFACE.


3) THE COMPLETE PATCH SHALL MATCH THE EXISTING PAVED SURFACE FOR UNIFORMITY OF GRADE. THE JOINT BETWEEN THE PATCH AND THE EXISTING PAVEMENT SHALL THEN BE PAINTED WITH HOT ASPHALT CEMENT OR ASPHALT EMULSION AND SHALL BE IMMEDIATELY COVERED WITH DRY PAVING SAND BEFORE THE ASPHALT CONCRETE SOLIDIFIES.
PIPE ALLOWANCES

<table>
<thead>
<tr>
<th>PIPE MATERIAL</th>
<th>MAXIMUM INSIDE DIAMETER</th>
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</thead>
<tbody>
<tr>
<td>REINFORCED OR FLAP CONCRETE</td>
<td>12&quot;</td>
</tr>
<tr>
<td>ALL METAL PIPE</td>
<td>12&quot;</td>
</tr>
<tr>
<td>GRP (STD. SPEC. 8-045.20)</td>
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</tr>
<tr>
<td>SOLID WALL PVC (STD. SPEC. 8-03.12.1)</td>
<td>15&quot;</td>
</tr>
<tr>
<td>PROFILE WALL PVC (STD. SPEC. 8-03.12.2)</td>
<td>15&quot;</td>
</tr>
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</table>

* CORRUGATED POLYETHYLENE STORM SEWER PIPE

NOTES

1. As acceptable alternatives to the rebar shown in the PRECAST BASE SECTION, fibers (placed according to the Standard Specifications), or wire mesh having a minimum area of 0.12 square inches per foot of rebar shall be used with the minimum required rebar shown in the ALTERNATIVE PRECAST BASE SECTION. Wire mesh shall not be placed in the knockouts.

2. The knockouts diameter shall not be greater than 20". Knockouts shall have a wall thickness of 2" minimum to 2.5" maximum. Provide a 1.5" minimum gap between the knock-out wall and the outside of the pipe. After the pipe is installed, fill the gap with joint mortar in accordance with Standard Specification 8-04.3.

3. The maximum depth from the finished grade to the lowest pipe invert shall be 5'.

4. The frame and grate may be installed with the flange down, or integrally cast into the adjustment section with flange up.

5. The Precast Base Section may have a rounded floor, and the walls may be sloped at a rate of 1:24 or steeper.

6. The opening shall be measured at the top of the Precast Base Section.

7. All pickup holes shall be grouted full after the basin has been placed.
NOTES

1. Bolt-down capability is required on all frames, grates, and covers, unless specified otherwise in the Contract. Provide 2 holes in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the 5/8" - 11 NC x 2" Allen head cap screw by being tapped, or other approved mechanism. Location of bolt-down holes varies by manufacturer.

2. Alternative reinforcing designs are acceptable in lieu of the rib design.

3. Refer to Standard Specification 9-05.16(f) for additional requirements.


RECTANGULAR SOLID METAL COVER
STANDARD PLAN B-30.20-02

APPROVED FOR PUBLICATION
Pasco Bekotich III 04/26/12
Washington State Department of Transportation
NOTES

1. Bolt-down capability is required on all frames, grates, and covers, unless specified otherwise in the Contract. Provide 2 holes in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the 5/8"-11 NC x 2" Allen head cap screw by being tapped or other approved mechanism. Location of bolt-down holes vary by manufacturer.

2. Refer to Standard Specification B-65.16(2) for additional requirements.

3. For frame details, see Standard Plan B-30.10.

4. The thickness of the grate shall not exceed 1 5/8".

RECTANGULAR HERRINGBONE GRATE
STANDARD PLAN B-30.50-01

APPROVED FOR PUBLICATION
Pasco Bakotich III 04/26/12
Washington State Department of Transportation
NOTES

1. Size the Below Inlet Grate Device (BIGD) for the storm water structure it will service.

2. The BIGD shall have a built-in high-flow relief system (overflow bypass).

3. The retrieval system must allow removal of the BIGD without spilling the collected material.

4. Perform maintenance in accordance with Standard Specification 8-01.3(15).
NOTES
1. For sign installation details, see Std. Plan G-series.
2. In rural areas, the "V" Height can be a minimum of 7 feet for primary signs and 6 feet for the supplemental plaques for greater visibility,
as directed by the engineer.
3. The "V" height for signs, with an area of more than 50 square feet and two or more sign supports, is
7 feet in both rural and urban areas.

<table>
<thead>
<tr>
<th>HEIGHT V</th>
<th>TO BOTTOM OF SIGN (NO SUPPLEMENTAL PLAQUE)</th>
<th>TO BOTTOM OF SUPPLEMENTAL PLAQUE (WHEN REQUIRED)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RURAL</td>
<td>6' MINIMUM</td>
<td>4' MINIMUM</td>
</tr>
<tr>
<td>URBAN</td>
<td>7' MINIMUM</td>
<td>6' MINIMUM</td>
</tr>
</tbody>
</table>

CLASS A
CONSTRUCTION SIGNING INSTALLATION
STANDARD PLAN K-80.10-00

APPROVED FOR PUBLICATION
Ken L. Smith 02-21-07
State Engineer
Washington State Department of Transportation
NOTES

1. All fasteners may be zinc plated, galvanized or stainless steel. All steel angle and tubular steel shall be hot-rolled, high carbon steel, painted or galvanized.

2. Install one lightweight Type A low-intensity flashing warning light on the traffic side of the barricade. Install two Type A low-intensity flashing warning lights per barricade when the barricades are used to close a roadway. Attach the light to the barricade according to the light manufacturer's recommendations or use the details shown on this plan.

3. Stripes on barricade rails shall be alternating orange and white retroreflective stripes (slowing downward at an angle of 45 degrees in the direction traffic is to pass).

4. The Type 3 barricade design shown on this plan meets the crash test requirements of NCHRP 350. Alternative designs may be approved if they conform to the NCHRP 350 crash test criteria and the MUTCD.

5. When a sign is mounted on the barricade, it shall be securely bolted to at least two plywood panels. The top of the sign shall not be higher than the top panel of the barricade.

6. When sandbags are used in freezing weather, Urea fertilizer shall be mixed with the sand in a quantity to prevent the sand from freezing.
Useable Traffic Lane 2' MIN. Area Closed to Traffic

Type 3L Barricade

Stripes on the barricades shall slope downward in the direction traffic is to pass

Area Closed to Traffic 2' MIN. Useable Traffic Lane

Type 3R Barricade

Road Closure at Intersection

Type 3L Barricade

Type 3R Barricade

Road Closure at Other Locations

Type 3R Barricade

Type 3L Barricade

Barricade Placement
PLAN
ONE ACCESSIBLE STALL
60° PARKING STALL ARRANGEMENT

PLAN
TWO ACCESSIBLE STALLS
90° PARKING STALL ARRANGEMENT

PLAN
ONE ACCESSIBLE STALL
60° PARKING STALL ARRANGEMENT

PLAN
TWO ACCESSIBLE STALLS
90° PARKING STALL ARRANGEMENT

PARKING SPACE LAYOUTS
STANDARD PLAN M-17.10-02

1. Three, four and five accessible stall arrangements may be either 60° (angled) or 90° (perpendicular) parking arrangements. See Contract.

2. An Access Parking Space Symbol is required for each accessible parking stall. A blue background and white border are required when the symbol is installed on a cement concrete surface.

3. All accessible stalls shall have wheelchair stops. Place wheelchair stops in other stalls when specified in the contract. Wheelchair stops shall be approximately 0" high and a minimum of 6" long.


NOTES

LEGEND
- Reserved Parking Sign and post with 97001A Plaque, if indicated (See Sign Fabrication Manual)
- Access Parking Space Symbol
- Manufactured wheelchair stop
- Detectable Warning Pattern

EXPRESSED AUGUST 3, 2023

THERODDE J. TREANOR
PROFESSIONAL PLOTTING
NOTES
1. A Protective Vehicle is recommended regardless if a Truck Mounted Attenuator (TMA) is available; a work vehicle may be used when no TMA is used, the Protective Vehicle shall be strategically located to shield workers, with no specific Roll-Ahead Distance.
2. Devices shall not encroach into adjacent lanes.
3. Extend device taper (L) across shoulder as recommended.
4. Portable Changeable Message Sign (PCMS) as recommended.
5. Use Transverse Devices in closed lane every 1000' as recommended.
6. Traffic Safety Drum for all tapers on high speed roadway as recommended.
7. Channelizing Device spacing for the downstream taper option shall be 25' O.C.
8. For signs size refer to Manual Uniform Traffic Control Devices (MUTCD) and WSDOT Sign Fabrication Manual M85-06.

FOR LOCAL AGENCY USE ONLY
NOT FOR USE ON STATE ROUTES
NOTES

1. If the work space extends across a crosswalk, the crosswalk should be closed (see Standard Plan K-34.20).

2. The normal procedure is to close on the near side of the intersection any lane that is not carried through the intersection. However, when this results in the closure of a right lane having significant right turning movements, then the right lane may be restricted to right turn only, as shown. This procedure increases the throughput capacity by eliminating right turns from the open through lane.

3. Prohibit turns as necessary for traffic conditions.

4. Flashing Warning Lights (Type A per MUTCD) should be used, as needed, to mark barricades at night.

5. Steady Barring Warning Lights (Type C per MUTCD) shall be used to mark channelizing devices at night.

6. For long term projects, conflicting pavement markings that are no longer applicable shall be removed or obliterated. Temporary markings shall be used as necessary.

7. For sign sizes refer to Manual on Uniform Traffic Control Devices (MUTCD) and WSDOT Sign Fabrication Manual M65-05.

FOR LOCAL AGENCY USE ONLY
NOT FOR USE ON STATE ROUTES

INTERSECTION
~ RIGHT LANE CLOSURE
FAR SIDE
STANDARD PLAN K-32.20-00

APPROVED FOR PUBLICATION

Kan L. Smith 02-15-07
District Chief Engineer
Washington State Department of Transportation
LEGEND

* WORK AREA

** PEDESTRIAN DETOUR

WORKING HOURS

NOTES

1. When crosswalks or other pedestrian facilities are closed or relocated, temporary facilities shall be detectable and shall include accessibility features consistent with the features present in the existing pedestrian facility.

2. Controls shown are for pedestrian traffic only.

3. Use Warning Lights on barricades.

4. Maintain a minimum width of 3 feet for pedestrian path.

5. For signs refer to Manual on Uniform Traffic Control Devices (MUTCD) and WSDOT Sign Fabrication Manual MS-06.
APPENDIX C

GROUP 4: PUBLIC PARKING LOT RESTORATION
GROUP 4
PUBLIC PARKING LOT RESTORATION

THE FOLLOWING ITEMS CONSIST OF THE SCOPE OF WORK TO RESTORE THE PUBLIC PARKING LOT IN THE NE CORNER OF N 1ST STREET AND MARTIN LUTHER KING JR. BOULEVARD:

- SAWCUT AND REMOVE DEFICIENT ASPHALT (~350 SQUARE YARDS), AS DIRECTED BY THE ENGINEER
- HMA PATCH (~75 TONS)
- SLURRY SEAL ENTIRE PARKING LOT (~3,500 SQUARE YARDS)
- REPAINT PARKING STALLS BACK TO THEIR CURRENT CONFIGURATION (~2,300 LINEAR FEET AND 5 ACCESS PARKING SYMBOLS)

CONSTRUCTION ACTIVITIES

- NO WORK ALLOWED BETWEEN THE HOURS OF 6:00 AM TO 6:00 PM, MONDAY THROUGH FRIDAY.
### Schedule A

#### Summary of Quantities

<table>
<thead>
<tr>
<th>Item No</th>
<th>Item Description</th>
<th>Units</th>
<th>Group 1 (L.E. Rev.)</th>
<th>Group 1 (A.S. &amp; I.S.T.)</th>
<th>Total Quantity</th>
</tr>
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#### Preparation

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<tr>
<td>1</td>
<td>Mobilization</td>
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<td>16</td>
<td>32</td>
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<td>2</td>
<td>Clearing and grubbing</td>
<td>L.S.</td>
<td>16</td>
<td>16</td>
<td>32</td>
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<tr>
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<td>Removal of structure and obstruction</td>
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<td>16</td>
<td>32</td>
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<td>4</td>
<td>Removing cement concrete pavement</td>
<td>S.Y.</td>
<td>50</td>
<td>50</td>
<td>100</td>
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<tr>
<td>5</td>
<td>Removing cement concrete sidewalks</td>
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<td>500</td>
<td>1200</td>
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#### Grading

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<td>6</td>
<td>Roadway excavation incl. haul</td>
<td>C.Y.</td>
<td>15</td>
<td>250</td>
<td>365</td>
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#### Drainage

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<td>Underground pipe 32 in. diam.</td>
<td>L.F.</td>
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<td>65</td>
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<td>8</td>
<td>Gravel backfill for drainwells</td>
<td>T.O.</td>
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#### Storm sewer

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<tr>
<td>9</td>
<td>Catch basin type 1</td>
<td>EACH</td>
<td>1</td>
<td>2</td>
<td>3</td>
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#### Surfacing

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<th>Total Quantity</th>
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<tbody>
<tr>
<td>10</td>
<td>Crushed surfacing top course</td>
<td>TON</td>
<td>20</td>
<td>20</td>
<td>40</td>
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#### Irrigation and Water Distribution

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<tr>
<td>11</td>
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<td>1.5</td>
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#### Erosion Control and Roadside Restoration

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<tr>
<td>12</td>
<td>Mulch seal</td>
<td>DAY</td>
<td>4</td>
<td>4</td>
<td>8</td>
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<tr>
<td>13</td>
<td>Inlet protection</td>
<td>EACH</td>
<td>2</td>
<td>2</td>
<td>4</td>
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<td>14</td>
<td>Topsoil type A</td>
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<td>15</td>
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<td>16</td>
<td>Pipe champagne flowering pear</td>
<td>EACH</td>
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<td>4</td>
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<tr>
<td>17</td>
<td>Tree guards</td>
<td>EACH</td>
<td>6</td>
<td>6</td>
<td>12</td>
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<td>18</td>
<td>Root barriers</td>
<td>EACH</td>
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<td>3</td>
<td>6</td>
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<td>19</td>
<td>Precast concrete planter 4 ft. diam.</td>
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#### Traffic

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<td>20</td>
<td>Paint line</td>
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<td>650</td>
<td>450</td>
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<td>21</td>
<td>Removing paint line</td>
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<td>100</td>
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<td>22</td>
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<td>Tree lighting system</td>
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<td>Modern existing illumination</td>
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<td>Pedestrian control and protection</td>
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<td>Permanent median</td>
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#### Other Items

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<td>29</td>
<td>Connect to existing pipe</td>
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<td>1</td>
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<tr>
<td>30</td>
<td>Locking solid metal cover frame for catch basin</td>
<td>EACH</td>
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### Schedule B

#### Summary of Quantities

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## Summary of Quantities

SUMMARY OF QUANTITIES

| Sheet 2 of 36 |
REMOVAL PLAN

CONSTRUCTION NOTES
1. SAWCUT PAVEMENT
2. REMOVE CEMENT CONCRETE CURB
3. REMOVE ASPHALT PAVEMENT
4. REMOVE CEMENT CONCRETE SIDEWALK
5. REMOVE CONCRETE SIDEWALK TO EXISTING CONSTRUCTION JOINT
6. PROTECT BOLLARDS
CONSTRUCT CONCRETE SIDEWALK AS SHOWN
CONSTRUCT CEMENT CONCRETE TRAFFIC CURB AND BUTTER
CONSTRUCT CONCRETE UNIT Pavers PER DETAIL. SHEET 21
CONSTRUCT SIDEWALK RAMP
COMMERCIAL HAZ. 0.3' DEPTH
INSTALL SCARLET SENTINEL MAPLE TREE
INSTALL PRECAST CONCRETE PLANTER 40" IN. DIAM.
INSTALL DECORATIVE FENCE PER DETAIL. SHEET 22
GRADE SMOOTH WITH SIDEWALKS
INSTALL DETECTABLE WARNING SURFACE
INSTALL CEMENT CONCRETE PEDESTRIAN CURB
REPLACE JUNCTION BOX
ADJUST MANHOLE TO GRADE

2A CURVE RETURN ELEVATION & TOP BACK OF CURB
CURVE RETURN DATA: L=8.25, r=450.00, R=10.0
CENTER STA. 24+04.86, 10.0 TR.
POINT STREET STATION OFFSET ELEVATION
PC N. 1ST 24+04.86 20.50 RT 1070.61
PT N. 1ST 24+11.20 17.42 RT 1070.78

2B CURVE RETURN ELEVATION & TOP BACK OF CURB
CURVE RETURN DATA: L=1+47.00, r=699.40, R=3.00
CENTER STA. 24+24.04, 43.4 TR.
POINT STREET STATION OFFSET ELEVATION
PC N. 1ST 24+24.02 2.40 RT 1071.00
PT N. 1ST 24+40.22 22.15 RT 1071.06
MK JR 30-51.60 4.63 RT 1070.68
MK JR 30-43.54 5.77 RT 1070.90

NOTE: ELEVATIONS ARE AT TOP BACK OF CURB ELEVATIONS, EXCEPT WHERE OTHERWISE NOTED

* SIDEWALK GRADE

COURTHOUSE PARKING LOT
FUTURE LANDSCAPE AREA
NOT INCLUDED IN CONTRACT

COUNTY ENGINEER
DATE: 3/4/18

PROJECT ENGINEER:
ROBERT LOCKMILLER
CHECKER/RT.
L. LOCKMILLER

N. 1ST ST., MLK JR. BLVD.
INTERSECTION LAYOUT DETAILS

SHEET 14 OF 36
CONSTRUCT CONCRETE SIDEWALK AS SHOWN
2. CONSTRUCT CEMENT CONCRETE TRAFFIC CURB
3. COMMERCIAL HMA, 0.5' DEPTH
4. INSTALL CHANTICLEER PEAR TREE
5. INSTALL SCARLET SENTINEL MAPLE TREE
6. INSTALL GATE ACCESS, SEE ELECTRICAL PLANS
7. INSTALL ELIJAH BLUE FESCUE, 1 GAL
8. INSTALL FEATHER REED, 1 GAL
9. INSTALL BARBERRY INTERMEDIA, 1 GAL

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NOTE: ELEVATIONS ARE AT TOP BACK OF CURB ELEVATIONS, EXCEPT WHERE OTHERWISE NOTED
UNIT PAVER DETAIL
NOT TO SCALE

PAVER PAD DETAILS
NOT TO SCALE

5' 1" x 3' 8½" CONCRETE UNIT PAVER PAD

NOTE: FIELD VERIFY WITH MOCK-UP
PADS BEFORE CONSTRUCTING BLOCC
OUTS FOR SIDEWALK CONSTRUCTION.

TREE GRATE DETAIL
NOT TO SCALE

TREE GRATE HARDWARE DETAIL

TREE GRATE FRAME DETAIL
NOT TO SCALE
SIDewalk & Ramp Section (Typ.)

NOT TO SCALE

Curb Ramp Detail

NOT TO SCALE

Fence Panel Detail

NOT TO SCALE

Notes:

1. Existing Edges of Pavement shall be Primed with a Thin Coat of Enulfied Asphalt before Placing the Asphalt Repair.
2. All Materials Placed in the Repair Patch shall be Mechanically Compacted Per Section 7-10.31(I) of the Washington State Department of Transportation Standard Specifications for Road, Bridge and Municipal Construction to 95% with a Maximum 0.5" Lift Within the Roadway Berm.
3. All Crushed Surfacings Depths Shown to be Compacted Depth.
4. All Work Performed shall be According to the Current Edition of the Washington State Department of Transportation Standard Specifications for Road, Bridge and Municipal Construction.

Roadway Pavement Repair Detail

NOT TO SCALE
IRRIGATION LEGEND

1. "M" MAINLINE (60 PVC)
2. 3/4" LATERAL LINE (60 PVC, 40 PVC 1/2" MIN. DIA. SOL. 40 PVC SLEEVES
3. 1" AUTOMATIC CONTROL VALVE WITHimate FILTER AND PRESSURE REGULATING VALVE
4. MANUAL CONTROL VALVES, INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
5. HUNTER PVC-400 SMART VALVE, PROVIDE 1 INSTALL 6V BATTERY AS
   DESIRED, INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
6. QUICK COUPLERS 3/4" (1/2"
7. MAXIMUMドレス POP-UP SPRAY HEAD W/ UP NOZZLE W/ PVC-400
   PRESSURE COMPENSATION SCREEN.
8. POP-UP LIT LIGHTS, INSTALLED 10-23 TURNS 1 BAND,
   PVC-400 PRESSURE COMPENSATION MODULE. PROVIDE 3 EMITTERS PER EACH
   LIGHT POLE. INSTALL LIGHT TUBING INSTALLATION WITH LIGHT
   POLES AS REQUIRED. CONTRACTOR SHALL SUBMIT A DESIGN SHOP
   DRAWINGS TO ENGINEER FOR DESIGN AND APPROVAL. SPRAY DEVICES SHALL
   SHOW ALL EQUIPMENT AND FITTINGS NEEDED FOR OPERATION OF SYSTEM.
9. 1/2" X 12" ENCLOSURE W/ 3/4" MANUAL STOP AND DRAIN VALVE, CONNECT
   TO TREE MOUNTING CIRCUIT.
10. 1/2" X 12" ENCLOSURE W/ 3/4" MANUAL STOP AND DRAIN VALVE, PROVIDE
    1 INSTALL 2" DIA. SLEEVES BETWEEN LOCATION BOX AND LIGHT POLE
    FEET AS REQUIRED TO ALLOW FOR DEEP TUBING INSTALLATION INTO POLES.
    COORDINATE W/ FOIL POLE INSTALLATION AS REQUIRED.
11. 3/4" PVC WIRE CDITION 75808 VACO (0.25 G/M)
12. INSTALL 3/4" PVC RISER, 3/4" PVC RISER, 3/4" PVC RISER
    INSTALLATION DETAILS SEE SHEET 24, PROVIDE DEEP TUBING, WITH BUTTON TO EACH
    SCREW.
13. WATER SERVICE
14. POP-UP SPRAY HEAD W/ 6" FOLE ASSEMBLY
15. INSTALL TERT AND BIND WITH CAT. SEE TYPICAL, IRRIGATION RISER
    DETAIL. SEE SHEET 24. PROVIDE DEEP TUBING, WITH BUTTON TO EACH
    SCREW.

LANDSCAPING NOTES
1. PLANT MATERIAL LOCATIONS SHALL BE COORDINATED WITH SPARKLINE IRRIGATION HEAD LOCATIONS TO AVOID ANY
   CONFLICTS.
2. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY
   COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO
   ACCOMPLISH PLANTING OPERATIONS.
3. PROVIDE AND INSTALL 24 LP OP ROOT BARBER PER TREE ALONG
   SUBDIVISION LINE OF TIE-BACK. TOP OF ROOT BARBER
   MOUNTED BETWEEN 2 INCHES BELOW TOP OF ADJACENT
   PROPERTY.
4. WHEN ATTACHING CEE LIGHTING CONDUIT, CONTRACTOR SHALL
   NOT USE SCREW EYES OR OTHER HARDWARE THAT WOULD
   PERPETUATE THE TREE TIE.
5. TOPSOIL SHALL BE PROVISED FOR THE ENTIRE TREE WELL AREA
   TO A DEPTH 12" BELOW THE TREE ROOT TUBES. EACH TREE WELL
   SHALL HAVE 2 INCHES OF DRAINAGE HOLE PLACE OVER THE
   TOPSOLE.
6. ANY DISCREPANCIES WITH DRAWINGS, SPECIFICATIONS AND SITE
   CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE
   ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
NOTES:
1. CONTRACTOR SHALL BE RESPONSIBLE FOR VEHICLES PARKING IN ZONE DURING WORKING AND NON WORKING HOURS. CONTRACTOR MAY INSTALL TEMP. FENCING TO SECURE AREA.
2. SINGLE LANE CLOSURES ARE PERMITTED AS FOLLOWS:
   A ST: 9:00 AM - 3:30 PM, M-F
       8:00 AM - 5:00 PM, SAT.-SUN.
   1ST ST: 9:00 AM - 3:30 PM, M-F
         8:00 AM - 5:00 PM, SAT.-SUN.
   MLK: 9:00 AM - 3:30 PM, M-F
       8:00 AM - 5:00 PM, SAT.-SUN.

GENERAL NOTES:
1. FOR CODE REFERENCES AND STANDARD SIGN LAYOUT DETAILS, SEE STANDARD HIGHWAY SIGN BOOK.
2. ALL SIGNS, POSTS AND ANY OTHER TRAFFIC CONTROL DEVICES SHALL BE SUPPLIED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
3. CONTRACTOR IS RESPONSIBLE FOR SUBMITTING SITE SPECIFIC TRAFFIC CONTROL PLANS TO THE PROJECT ENGINEER FOR REVIEW AND APPROVAL. SEE SPECIAL PROVISIONS.
1. CONTRACTOR SHALL BE RESPONSIBLE FOR PEDESTRIANS ENTERING THE WORK ZONE DURING WORKING AND NON WORKING HOURS. CONTRACTOR MAY INSTALL TEMP. FENCING TO SECURE AREA.

GENERAL NOTES:
1. FOR CODE REFERENCES AND STANDARD SIGN LAYOUT DETAILS, SEE STANDARD HIGHWAY SIGN BOOK.
2. ALL SIGNS, POSTS AND ANY OTHER TRAFFIC CONTROL DEVICES SHALL BE SUPPLIED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
3. CONTRACTOR IS RESPONSIBLE FOR SUBMITTING SITE SPECIFIC TRAFFIC CONTROL PLANS TO THE PROJECT ENGINEER FOR REVIEW AND APPROVAL. SEE SPECIAL PROVISIONS.
STAGING PLAN

1. Contractor must maintain 23 reserved and ADA stalls for county employee use during the hours of 6:00 AM to 6:00 PM, Monday - Friday. The contractor shall also maintain as many additional parking stalls as their operation will allow.

2. Contractor may propose alternative locations for reserved and ADA stalls to the engineer for approval. ADA stalls must meet the dimensions of WSDOT standard plan M-11.10-02.

3. An ADA acceptable route shall be maintained from the ADA accessible stalls to the employee entrance(s).

4. Contractor shall provide and maintain "reserved" parking signs for each reserved parking stall.

5. Contractor shall clearly delineate and secure work zone areas within parking lot to avoid vehicles parking within construction area.

6. Contractor must provide one driveway entrance during the hours of 6:00 AM to 6:00 PM, Monday - Friday.

7. Contractor shall complete the slurry seal and parking lot striping work between Friday 6:00 PM and Monday 6:00 AM.

8. Contractor must provide and delineate a safe pedestrian access for county employees to access the employee access from N. 2nd Street.

9. Contractor shall maintain at least 1 parking stall, angled or parallel (2 parallel stalls = 20 feet) along the construction perimeter during the hours of 6:00 AM to 6:00 PM, M-F.

10. County employee entrance #1 may be closed for a 3 week duration to be able to construct improvements.

11. Drop-offs shall be protected by temporary fencing, plastic safety drums or other devices.

12. Trenches shall be filled with compacted CSTC to grade until patched with asphalt.

LEGEND

- Employee pedestrian access
- Slurry seal parking lot
- Parking stalls may be blocked off for the full contract duration
- Employee entrance
- ADA stall
- Reserved stall

COURTHOUSE SIDEWALK AND PARKING LOT IMPROVEMENT PROJECT

PW12017-G, PW12018-G, & PW12019-G

PREPARED UNDER THE DIRECTION OF:

COUNTY ENGINEER

DATE: 3/4/13

PROJECT ENGINEER: ROBERT LOGHILLER

CHECKED BY: M. KERR

SHEET 29 OF 36
GENERAL NOTES:
1. ALL WORK ON OR INSIDE THE BUILDING SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, NATIONAL ELECTRICAL CODE AND SPECIAL PROVISIONS.
2. CONDUIT RUNS AND JUNCTION BOXES ARE SHOWN FOR ILLUSTRATIVE PURPOSES. ACTUAL LOCATIONS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION WORK.
3. ALL WORK SHALL BE IN ACCORDANCE WITH UTILITY AGENCY REQUIREMENTS. THE CONTRACTOR SHALL CONTACT ALL PERMITTING UTILITY AGENCIES 48 HOURS PRIOR TO COMMENCING WORK AND SUB-SUBMIT WITH EFFECTIVE UTILITY AGENCIES THROUGHOUT THE CONTRACT PERIOD.
4. THIS SPECIFICATION DOES NOT COVER ALL TECHNOLOGICAL CHALLENGES, NON-TECHNICAL IgEAD SUGGESTIONS AND OTHER CONSIDERATIONS. THE CONTRACTOR IS RESPONSIBLE FOR ADEQUATE CONSIDERATIONS.
5. ALL JUNCTION BOXES INSTALLED IN SIDEWALK SHALL HAVE NON-METALIC LDL.

CONSTRUCTION NOTES:
1. INSTALL INSIDE TERMINAL PENDANT LIGHT STANDARD AND LUMINARIES. SEE SHEET 34 FOR FOUNDATION DETAIL.
3. INSTALL TREE LIGHTING PER CONTRACT SPECIAL PROVISIONS.
4. INSTALL PARKING CONTROL SYSTEM BARIER GATE OPERATOR, BARIER ARM, CARD READER, PEDERAL PHOTOCELL, ETC. SEE CONTRACT SPECIAL PROVISIONS FOR FULL PARKING CONTROL SYSTEM REQUIREMENTS. BARIER Gate OPERATOR SHALL BE INSTALLED ON A REINFORCED CONCRETE PAD.
5. INSTALL ANDREW-00 THREE STANDARD STEEL POLE AND FOUNDATION PER WSDOT STD - J-21-10-02 AND WSDOT SPECS, MOUNT SCANNER/RECEIVER RADIO ON POLE. SEE SHEET 33 FOR POLE AND GATE OPERATOR LAYOUT.
6. INSTALL ANDREW-00 DETECTORS, SPACING 50 FT PER PARKING CONTROL SYSTEM MANUFACTURER'S RECOMMENDATIONS.
7. REPLACE Existing SERVICE CABINET WITH OUTSIDE TYPE 36 NEMA SERVICE CABINET WITH A MIN. OF 30 SPACES CAPACITY NEC 2008 NEMA BREAKER. PHOTO/ELECTRIC CONTROL SHALL BE INSTALLED ON SERVICE CABINET. COORDINATE POWER CONNECTIONS WITH PACIFIC POWER & LIGHT (PPL) AND TACOMA CITY BUILDING INSPECTION SYSTEM SHALL BE IN PER WSDOT STD PLAN A-40-02-03. SEE PHOTO 2 IN SHEET 32.
8. INSTALL LIGHT STANDARD AND LUMINARIES TO REMAIN.
9. DISCONNECT AND REMOVE EXISTING WIRE CONNECTORS NO. 19 AND NO. 24. AND REPLACE CONDUCTORS IN NEW JUNCTION BOX. ROUTE NEW WIRES TO NEW SERVICE CABINET TO BE LOCATED IN THE BASEMENT OF THE COURTHOUSE PER SHEET 32.
10. REPLACE EXISTING TRAFFIC SIGNAL. JUNCTION BOX TO TYPE 2.
11. RUN COMMUNICATION CABLE THROUGH THE BASEMENT AND UP TO EXISTING DSK PANEL ON FIRST FLOOR.
12. TERMINATE COMMUNICATION CABLE IN EXISTING DSK PANEL. IN ROOM 100 CLASSER RECORD STORAGE. COORDINATE WITH BRUCE KINGSLEY (206-574-2304) FOR CABLING TERMINATION AND ACCESSING THE DSK CABINET.
13. BUILD A HOLE THROUGH THE WALL TO ACCOMMODATE A 12" DIA CONDUIT. REPAIR CONCRETE IN CONFORMITY WITH LOCAL BUILDING CODE. COORDINATE EXACT LOCATION WITH THE PROJECT ENGINEER PRIOR TO DRILLING. SEE SHEET 32 FOR CABLING ROUTE TO EXISTING DSK CABINET.
14. REPLACE EXISTING ELECTRICAL BOX WITH NEW TYPE 4 NEMA BOX.
15. INSTALL WALL-MOUNTED INDUSTRY TYPE 1 NEMA ELECTRICAL SERVICE CABINET WITH A MIN. OF 18 SPACES CAPACITY AND 150 CONSUMER. COORDINATE EXACT LOCATION WITH NON-REDBUS.
16. COIL DRY SELVING WIRE IN JUNCTION BOX. SECURE THE END OF THE WIRES FOR FUTURE USE.
17. LOCATE EXISTING STUD-OUT CONDUIT AND INSTALL NEW 2" CONDUIT FROM STUD-OUT TO NEW JUNCTION BOX.
18. EXISTING 2-2" CONDUITS ARE SHALLOW. INSTALL NEW 2-2" CONDUITS AND TWISTED PAIR CONDUCTORS. COORDINATE WORK WITH TACOMA CITY ENGINEER.
19. INSTALL WALL-MOUNTED CCTV CAMERA (CAM#1) ON THE SEVENTH FLOOR OF THE ELEVATORS ROOM. CONTRACTOR WILL WORK WITH CITY ENGINEER FOR EXACT LOCATION PRIOR TO INSTALLATION. CAMERA INSTALLATION LOCATION SHALL PROVIDE A CLEAR SIGHT LINE TO THE "E" STREET ENTRANCE/EXIT GATE. SEE SHEET 33 FOR CAMERA INSTALLATION LAYOUT.
20. EXISTING SERVICE CABINET TO REMAIN. HAND DIG CONDUIT IN THE VICTORY OF THE CABINET.
21. BIRD DETERRENT SYSTEM EXIST ALONG THE EDGE OF PAVEMENT. EXTRA CAUTION SHALL BE TAKEN DURING THE CONDUIT INSTALLATION.
22. INSTALL WALL-MOUNTED CCTV CAMERA (CAM#2) ON THE BUILDING WALL BETWEEN THE FIRST AND THE SECOND FLOOR CONTRACTOR SHALL COORDINATE WITH COUNTY ENGINEER FOR EXACT LOCATION PRIOR TO INSTALLATION. CAMERA INSTALLATION LOCATION SHALL PROVIDE A CLEAR SIGHT LINE TO THE 2ND STREET EXIT GATE. SEE SHEET 33 FOR CAMERA INSTALLATION LAYOUT.
23. INSTALL ACCESSIBLE PEDESTRIAN PAVEMENT MARKER POST (PMP) AND FOUNDATION PER WSDOT STD PLAN J-21-10-02 AT APPROXIMATE STATION 21+20, 21+10 INNER CT. INSTALL 1" CONDUIT TO EXISTING SERVICE CABINET. COORDINATE CONDUIT TERMINATION IN CONFORMITY WITH CITY ENGINEER.
24. DISCONNECT AND REMOVE PEDESTRIAN PUSH BUTTON, CAP AND SCREW HOLE ON THE SIGNAL POLE. ALL CONDUIT SHALL CONTAIN A GROUND WIRE EQUAL IN SIZE TO THE LARGEST CONDUCTOR IN THE CONDUIT.

LUMINARIE POLE SCHEDULE

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SITE SERVICE CABINET BREAKER SCHEDULE

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<td>MAIN</td>
<td>300</td>
<td>N.A.</td>
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<td>SIDEWALK ILLUMINATION</td>
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<td>3</td>
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<td>20</td>
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<td>PHOTOCELL</td>
<td>15</td>
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</tr>
<tr>
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<td>STRIP HEATER</td>
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<td>N.A.</td>
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<td>6</td>
<td>STREET LIGHTING</td>
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<td>N.A.</td>
<td>120</td>
</tr>
<tr>
<td>7</td>
<td>TRAFFIC SIGNAL</td>
<td>60</td>
<td>N.A.</td>
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<td>8</td>
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<td>PEDESTRIAN LIGHTS</td>
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PREPARED UNDER THE DIRECTION OF:

COUNTY ENGINEER:
DATE: 3/4/13

PROJECT ENGINEER:
ROBERT LOCHMILLER

NOTES & ELECTRICAL SCHEDULES

SHEET 30 OF 36
CONSTRUCTION NOTES (THIS SHEET ONLY):

1. INSTALL WALL-MOUNTED INDOOR TYPE I ENCLOSURE ELECTRICAL SERVICE CABINET WITH A MINIMUM OF 1000 VOLT AMPS AND 150 MAIN BREAKERS. COORDINATE EXACT LOCATION WITH CONSTRUCTION.

2. INSTALL EXISTING ELECTRICAL BOX WITH TYPE A ENCLOSURE.

3. INSTALL 2" CONDUIT RISER.

4. INSTALL 2" CONDUIT RISER. ROUTE POWER CABLE THROUGH AND TERMINATE IN EXISTING PANEL IN THE ELECTRICAL VARY.

5. REPLACE EXISTING SERVICE CABINET WITH OUTDOOR TYPE 3K ENCLOSURE SERVICE CABINET WITH A MINIMUM OF 20 SPACES CAPACITY AND 2000 MAIN BREAKER. PHOTO-ELECTRIC CONTROL SHALL BE INSTALLED ON SERVICE CABINET. COORDINATE POWER CONNECTIONS WITH PACIFIC POWER & LIGHT (PPL) AND YAKIMA COUNTY. SERVICE GROUNDING SYSTEM SHALL BE PER WSDOT STD PLAN 2-600-CS-00.

6. DISCONNECT AND REMOVE EXISTING WIRES (CIRCUITS NO. 19 AND NO. 21) AND PULL BACK TO EXISTING JUNCTION BOX LOCATED IN THE PARKING LOT. EXISTING SERVICE CABINET IS LOCATED IN A UTILITY CLOSET IN ROOM 112 OF THE ASSESSOR'S OFFICE ON THE FIRST FLOOR OF THE COURTHOUSE.

WIRING SCHEDULE THIS SHEET ONLY

<table>
<thead>
<tr>
<th>RUN NO.</th>
<th>EXISTING CONDUCTOR</th>
<th>NEW CONDUCTOR</th>
<th>CIRCUIT</th>
<th>NOTES</th>
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<tr>
<td>1</td>
<td>EXISTING 2&quot; 2-10</td>
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<td>REMOVE EXISTING CONDUCTORS</td>
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<td>B2, C2, D2</td>
<td>REMOVE EXISTING CONDUCTORS</td>
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<td>B2, C2, D2</td>
<td>REMOVE EXISTING CONDUCTORS</td>
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<td>4</td>
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<td>B2, C2, D2</td>
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<td>6</td>
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<td>2-10</td>
<td>B2, C2, D2</td>
<td>COORDINATE WIRE SIZE AND POWER CONNECTION WITH PPL</td>
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</tbody>
</table>

*ALL CONDUIT SHALL CONTAIN A GROUND WIRE EQUAL IN SIZE TO THE LARGEST CONDUCTOR IN THE CONDUIT.*
CONSTRUCTION NOTES (THIS SHEET ONLY):

1. COIL SOFT OF CAT5 CABLE IN THE CEILING.

2. INSTALL SMALL-MOUNTED CCTV CAMERA (CAMS) ON THE SEVENTH PANEL OF THE ELEVATOR ROOM. CONTRACTOR SHALL COORDINATE WITH COUNTY ENGINEER FOR EXACT LOCATION PRIOR TO THE INSTALLATION. CAMERA MOUNTING HARDWARE SHALL BE PER CAMERA MANUFACTURER RECOMMENDATIONS. CAMERA LOCATION SHALL PROVIDE A CLEAR VISTA LINE TO THE E "A" STREET ENTRANCE/EXIT BAYS.

3. DRILL 3/8" HOLE AND INSTALL WEATHERPROOF GROMMET TO PASS THE CAMERA CABLES THROUGH PANEL.

4. COIL SOFT CAT5 CABLE IN 4TH FLOOR CEILING ABOVE COMMUNICATION ROOM. FINAL CONNECTION WILL BE COMPLETED BY COUNTY IT PERSONNEL.

5. DRILL A HOLE THROUGH THE WALL TO ACCOMMODATE 1-1/4" BIS CONDUIT. ENSURE CONCRETE IS CONFORMABLE WITH LOCAL BUILDING CODE. COORDINATE EXACT LOCATION WITH THE PROJECT ENGINEER PRIOR TO DRILLING.

6. RUN COMMUNICATION CABLE THROUGH THE BASEMENT AND UP TO EXISTING DSK PANEL ON FIRST FLOOR.

7. INSTALL SMALL-MOUNTED CCTV CAMERA (CAMS) ON THE BUILDING WALL BETWEEN THE SECOND AND THE THIRD FLOOR. CONTRACTOR SHALL COORDINATE WITH COUNTY ENGINEER FOR EXACT LOCATION PRIOR TO THE INSTALLATION. CAMERA MOUNTING HARDWARE SHALL BE PER CAMERA MANUFACTURER RECOMMENDATIONS. CAMERA LOCATION SHALL PROVIDE A CLEAR VISTA LINE TO THE N 2ND STREET EXIT BAY.

E "A" STREET ENTRANCE GATE AND STANDARD LAYOUT
CHANNELIZATION NOTES:

1. WHITE PAINTED LINE
2. 6" WHITE PAINT STIP
3. PAINTED NO PARKING ZONE, SEE DETAIL ON SHEET 36
4. PAINTED ONE FOOT HIGH NUMERALS
5. ACCESSIBLE SIGN, SEE DETAIL ON SHEET 36
6. PAINTED TRAFFIC ARROW, SEE DETAIL ON SHEET 36

SIGNING NOTES:
1. INSTALL EXISTING SIGN ON STEEL POLE.
2. INSTALL NEW SIGN ON NEW POST AT LOCATION SHOWN.
3. INSTALL EXISTING SIGN ON NEW POST AT LOCATION SHOWN.

GENERAL NOTES:
- SEE SHEET 36 FOR SIGNING AND STRIPING DETAILS.

LEGEND:
- NEW SIGN
- EXISTING SIGN