CONTRACT SPECIFICATIONS

23rd STREET NE

CRP 939

FOR INFORMATION REGARDING THIS CONTRACT
PLEASE CONTACT:

Douglas County Transportation and Land Services
140 19th St. NW, Suite A
East Wenatchee, WA 98802
509-884-7173
CALL FOR BIDS
23rd Street NE - CRP 939

TRANSPORTATION

Sealed bids will be received by the Douglas County Board of County Commissioners at their office at the Douglas County Courthouse, 203 South Rainier Avenue, PO Box 747, Waterville, WA 98858 until 11:00 AM Pacific Time on June 10, 2014, and there publicly opened and read as soon thereafter as the matter may be heard for:


Douglas County in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-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 will affirmatively insure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color or national origin in consideration for an award.

Complete digital project bidding documents are available at the Douglas County Transportation webpage at www.douglascountywa.net. Select the “Current Road Projects” tab from the left-hand side menu and select the project from the drop down menu. A hard copy can also be obtained from the Douglas County Transportation and Land Services office (509.884.7173) at 140 19th St NW, Suite A, East Wenatchee, WA 98802. A $75.00 fee (plus postage if necessary), NONREFUNDABLE, is required for the hard copy of the plans.

A bid bond in the amount of 5% of the bid shall accompany all bids. All bids shall be marked “SEaled Bid for Douglas County Road Project CRP 939, 23rd Street NE, To Be Opened on June 10, 2014 At 11:00 AM Pacific Time” on the outside of the envelope.

Bidders are advised to read all pertinent provisions regarding the submittal of DBE documentation.

It is anticipated that this project will be funded in part by the Washington State Department of Ecology. Neither the State of Washington nor any of its departments or employees are, or shall be, a party to any contract or any subcontract resulting from this solicitation for bids.

The Board of County Commissioners reserves the right to reject any or all bids for cause.

Dated this 13th day of May, 2014 at Waterville, Washington.

Sincerely,

Dale Snyder, Chair

Ken Stanton, Vice Chair

Steven D. Jenkins, Member

[Signature]

Dayna Previtt, Clerk of the Board

BOARD OF COUNTY COMMISSIONERS
DOUGLAS COUNTY, WASHINGTON

Publish in Empire Press on 5/15/14, 5/22/14, 5/29/14, & 6/5/14
Publish in the Wenatchee World on 5/16/14, 5/23/14, 5/30/14 & 6/7/14
Publish in the Seattle Daily Journal of Commerce on 5/16/14, 5/23/14, 5/30/14 & 6/7/14
Douglas County Transportation and Land Services

23rd Street NE
CRP 939

Bids to be opened Tuesday, June 10, 2014 at 11:00 AM

PS&E/Design Approved By: Douglas County Engineer

Date: 5/7/2014
23rd Street NE  
CRP 939  

TABLE OF CONTENTS  

Call for Bids  
PS&E/Design Approval  
Table of Contents--------------------------------------------------------i-vi  

PART ONE  
BID DOCUMENTS  

Bid Proposal---------------------------------------------------------------BD-1  
Bid Proposal Bond---------------------------------------------------------BD-7  
Bid Proposal Form---------------------------------------------------------BD-8  
Non-Collusion Declaration------------------------------------------------BD-9  
Bidder Information Sheet--------------------------------------------------BD-10  
Bidding Instructions-------------------------------------------------------BD-12  
Bidder’s Check List of Contract Documents----------------------------------BD-14  

PART TWO  
CONTRACT DOCUMENTS  

Payment and Performance Bond---------------------------------------------CD-1  
Contract---------------------------------------------------------------CD-3  
Certificate of Insurance---------------------------------------------------CD-5  

PART THREE  
AMENDMENTS TO THE STANDARD SPECIFICATIONS  

Section 1-02 Bid Procedures and Conditions-------------------------------AM-1  
Section 1-03 Award and Execution of Contract-------------------------------AM-1  
Section 1-04 Scope of Work-----------------------------------------------AM-1  
Section 1-07 Legal Relations and Responsibilities to the Public----------AM-2  
Section 1-10 Temporary Traffic Control------------------------------------AM-3  
Section 5-04 Hot Mix Asphalt---------------------------------------------AM-6  
Section 8-01 Erosion Control and Water Pollution Control----------------AM-7  
Section 8-04 Curbs, Gutters, and Spillways-------------------------------AM-7  
Section 9-03 Aggregates--------------------------------------------------AM-7  
Section 9-05 Drainage Structures and Culverts-----------------------------AM-8  
Section 9-35 Temporary Traffic Control Materials--------------------------AM-8  

PART FOUR  
SPECIAL PROVISIONS  

DIVISION 1  
GENERAL REQUIREMENTS  

Description of Work------------------------------------------------------SP-1  
Washington State Department of Ecology-----------------------------------SP-2  
State Interest Exclusion Clause
<table>
<thead>
<tr>
<th>Section</th>
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</tr>
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<tbody>
<tr>
<td>Third-party Beneficiary Clause</td>
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<td>Utilization of Minority and Women Business Enterprises</td>
<td></td>
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<tr>
<td>Definitions and Terms</td>
<td>SP-3</td>
</tr>
<tr>
<td>Bid Procedures and Conditions</td>
<td>SP-5</td>
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<td>Prequalification of Bidders</td>
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<td>Plans and Specifications</td>
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<td>Public Opening of Proposals</td>
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<td>Pre Award Information</td>
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<td>Award and Execution of Contract</td>
<td>SP-6</td>
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<td>Award of Contract</td>
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<td>Execution of Contract</td>
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<tr>
<td>Scope of the Work</td>
<td>SP-7</td>
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<tr>
<td>Coordination of Contract Documents, Plans, Special Provisions, Specifications, and Addenda</td>
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<tr>
<td>Control of Work</td>
<td>SP-7</td>
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<td>Plans and Working Drawings</td>
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<td>Utility Potholing</td>
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<td>Public Liability and Property Damage Insurance</td>
<td>SP-10</td>
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<td>Public Convenience and Safety</td>
<td>SP-12</td>
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<td>Prosecution and Progress</td>
<td>SP-13</td>
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<td>Measurement and Payment</td>
<td>SP-14</td>
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<td>Temporary Traffic Control</td>
<td>SP-15</td>
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<td><strong>DIVISION 2</strong></td>
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<tr>
<td><strong>EARTHWORK</strong></td>
<td></td>
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<tr>
<td>Removal of Structures and Obstructions</td>
<td>SP-16</td>
</tr>
<tr>
<td><strong>DIVISION 5</strong></td>
<td></td>
</tr>
<tr>
<td><strong>SURFACE TREATMENTS AND PAVEMENTS</strong></td>
<td>SP-16</td>
</tr>
<tr>
<td>Hot Mix Asphalt</td>
<td></td>
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<tr>
<td>Materials</td>
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<td>Nonstatistical Evaluation</td>
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<td>General</td>
<td></td>
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<tr>
<td>Definition of Sampling Lot and Sublot</td>
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<td>Test Results</td>
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<tr>
<td>Test Methods</td>
<td></td>
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</tbody>
</table>
Price Adjustments for Quality of HMA Compaction

DIVISION 7
DRAINAGE STRUCTURES, STORM SEWERS, SANITARY SEWERS, WATER MAINS, AND CONDUISTS

Culverts--------------------------------------------------------------- SP-18
  Description
  Payment
Storm Sewers-------------------------------------------------------- SP-19
  Description
  Materials
  Construction Requirements
  Measurement
  Payment

DIVISION 8
MISCELLANEOUS CONSTRUCTION

Erosion Control and Water Pollution Control---------------------------- SP-22
  Seeding and Fertilizing
    Seeding, Fertilizing and Mulching Pond Area
    Seeding, Fertilizing and Mulching
  Mulching
  Fertilizer
Roadside Restoration-------------------------------------------------- SP-23
  Topsoil
  Amended Soil
  Measurement
  Payment
Irrigation Systems--------------------------------------------------- SP-24
  Description
  Piping
  Jointing
  Installation
  Flushing and Testing
  Backfill
  Measurement
  Payment
Monument Cases------------------------------------------------------- SP-27
  Construction Requirements

DIVISION 9
MATERIALS

Aggregates------------------------------------------------------------ SP-28
  HMA Test Requirements
  HMA Tolerances and Adjustments
  Standard Plans

Douglas County    CRP 939
23rd Street NE
TABLE OF CONTENTS
DOUGLAS COUNTY SEWER DISTRICT AND
EAST WENATCHEE WATER DISTRICT

Bid Items Not Included in the Proposal----------------------------------------------- SP-41
Coordination of Contract Documents-------------------------------------------------- SP-41
Compaction Testing-------------------------------------------------------------------- SP-41
Legal Relations and Responsibilities to the Public-------------------------------------- SP-41
  Utilities and Similar Facilities
  Reimbursement for Overtime Work of Contracting Agency Employees
  Notice to Proceed and Prosecution of the Work
Measurement and Payment--------------------------------------------------------------- SP-42
  Force Account
Watering-------------------------------------------------------------------------------- SP-43
  Watering for Compaction
General Pipe Installation Requirements----------------------------------------------- SP-43
  Trenches
  Bedding the Pipe
  Pipe Laying – General
  Backfilling
  Plugging Existing Pipe
  Pipe Crossing Existing Utilities
  Measurement
  Payment
Water Mains-------------------------------------------------------------------------- SP-45
  Materials
  Clearing and Grubbing in Ungraded Streets
  Grade and Alignment
  Trench Excavation
  Bedding the Pipe
  Laying Pipe on Curves-Ductile Iron Pipe
  Connections to Existing Mains
  Concrete Thrust Blocking
  Blowoff Assemblies
  Hydrostatic Pressure Test
  Flushing
  Abandonment of Terminated Water Facilities
  Measurement
  Payment
Valves for Water Mains--------------------------------------------------------------- SP-48
  Adjust Valve Box
  Payment
Hydrants-------------------------------------------------------------------------- SP-49
  Description
  Setting Hydrants
  Hydrant Guard Post
  Hydrant Extensions
Service Connections---------------------------------------------------------------- SP-49
  Materials
  Construction Requirements
  Measurement
TABLE OF CONTENTS

Payment
Sanitary Sewers------------------------------------------SP-50
Materials
Sewer Connections, Transfers and Abandonment
Side Sewers------------------------------------------SP-51
Description
Payment
Sewer Cleanouts------------------------------------------SP-51
Description
Payment
Drainage Structures, Culverts, and Conduits------------------------------------------SP-51
Solid Wall PVC Culvert Pipe, Solid Wall PVC Storm Sewer Pipe, and Solid Wall PVC Sanitary Sewer Pipe
Water Distribution Materials------------------------------------------SP-51
Pipe
Ductile Iron Pipe
Casing Pipe
Fittings
Ductile Iron Pipe
Restrained Joints
Valves------------------------------------------SP-52
Valve Boxes
Valve Marker Posts
Valve Stem Extensions
Water Service Connections------------------------------------------SP-52
Saddles
Polyethylene Tubing
Service Fittings
Meter Setters
Meter Boxes

PART FIVE
STATE WAGE RATES

Douglas County------------------------------------------May 1, 2014

PART SIX
STANDARD PLANS

PART SEVEN
PERMITS

Construction & Maintenance Notification
Utility Permit (Stormwater Discharge)
WSDOT General Permit
Construction Stormwater General Permit
PART EIGHT
APPENDICES

Stormwater Pollution Prevention Plan (SWPPP)
Test Hole Data and Photographs
Frontier Communications
Douglas County Sewer District
East Wenatchee Water District
Public Utility District No. 1 of Douglas County
Charter
PART ONE

BID DOCUMENTS
To the Board of County Commissioners  
Douglas County, Washington

Gentlemen:

The undersigned hereby certify that they have examined the contract location of 23rd Street NE and have read and thoroughly understand the plans and specifications and contract governing the work embraced in this improvement, and the method by which payment will be made for said work, and hereby propose to undertake and complete the work embraced in this improvement, or as much thereof 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.

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<td>Removing Chain Link Fence</td>
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<td>Polyethylene Pipe 1 1/2 In. Diam.</td>
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Douglas County
23rd Street NE
CRP 939

BID PROPOSAL
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<td>760 L.F.</td>
<td>2 In. Diam. Schedule 40 PVC Pipe</td>
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<td>57</td>
<td>2,550 L.F.</td>
<td>3 In. Diam. Schedule 40 PVC Pipe</td>
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<td>58</td>
<td>110 L.F.</td>
<td>4 In. Diam. Schedule 40 PVC Pipe</td>
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<td>59</td>
<td>1,320 L.F.</td>
<td>5 In. Diam. PVC 1120</td>
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<td>60</td>
<td>11 Each</td>
<td>Connection to Existing Irrigation Lateral Line</td>
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<tr>
<td>61</td>
<td>9 Each</td>
<td>Connection to Existing Irrigation Water Main</td>
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<tr>
<td>62</td>
<td>10 Each</td>
<td>Irrigation Valve Box</td>
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<td>63</td>
<td>1 L.S.</td>
<td>Irrigation Systems</td>
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<td>1 Est.</td>
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<td>65</td>
<td>1 L.S.</td>
<td>Pump House</td>
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<td>60 L.F.</td>
<td>Irrigation Sleeve 5 In. Diam.</td>
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<td>240 L.F.</td>
<td>Irrigation Sleeve 12 In. Diam.</td>
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<td>10 Day</td>
<td>ESC Lead</td>
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<td>69</td>
<td>2 Each</td>
<td>Inlet Protection</td>
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<td>ITEMS</td>
<td>UNIT PRICE</td>
<td>AMOUNT</td>
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<td>Est. 1</td>
<td>Erosion/Water Pollution Control</td>
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<td>Acre 0.2</td>
<td>Seeding, Fertilizing and Mulching</td>
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<td>72</td>
<td>S.F. 2,460</td>
<td>Seeding, Fertilizing and Mulching Pond Area</td>
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<td>73</td>
<td>C.Y. 80</td>
<td>Topsoil Type B</td>
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<td>74</td>
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<td>75</td>
<td>L.F. 592</td>
<td>High Visibility Silt Fence with Backup Support</td>
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<td>76</td>
<td>Ton 14</td>
<td>Rock Erosion and Scour Protection Class A</td>
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<td>C.Y. 94</td>
<td>Amended Soil</td>
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<td>L.S. 1</td>
<td>Stormwater Pollution Prevention Plan</td>
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<td>79</td>
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<td>Cement Conc. Traffic Curb and Gutter</td>
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<td>L.F. 259</td>
<td>Cement Conc. Pedestrian Curb</td>
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<td>81</td>
<td>L.S. 1</td>
<td>Project Temporary Traffic Control</td>
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<td>82</td>
<td>S.F. 298</td>
<td>Construction Signs Class A</td>
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<td>L.S. 9,200</td>
<td>Shoring or Extra Excavation Cl. B</td>
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<td>84</td>
<td>S.F. 3</td>
<td>Monument Case and Cover</td>
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<td>S.Y. 970</td>
<td>Cement Conc. Sidewalk</td>
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<td>S.Y. 42</td>
<td>Modified Cement Conc. Driveway Entrance Type 1</td>
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<td>S.Y. 365</td>
<td>Cement Conc. Driveway Entrance Type 2</td>
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<td>UNIT PRICE</td>
<td>AMOUNT</td>
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<td>Cts.</td>
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<td>89</td>
<td>Each</td>
<td>Parallel Curb Ramp</td>
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<tr>
<td>90</td>
<td>Each</td>
<td>Single Direction Curb Ramp</td>
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<tr>
<td>91</td>
<td>Each</td>
<td>Single Direction Curb Ramp - Modified</td>
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<td>92</td>
<td>S.Y.</td>
<td>Curb Ramp Replacement A, B, C</td>
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<td>93</td>
<td>L.F.</td>
<td>Chain Link Fence Type 3 W/Top Rail</td>
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<td>Chain Link Fence Type 4 W/Top Rail</td>
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<td>95</td>
<td>Each</td>
<td>Single Type 3 4 Ft. Wide Chain Link Gate</td>
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<td>L.S.</td>
<td>Cement Conc. Stairway W/Handrail</td>
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<td>SPCC Plan</td>
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<td>S.Y.</td>
<td>Construction Geotextile for</td>
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<td>100</td>
<td>S.Y.</td>
<td>Underground Drainage Class A</td>
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<td>101</td>
<td>Each</td>
<td>Mailbox Support Type 1</td>
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<tr>
<td>102</td>
<td>Each</td>
<td>Mailbox Support Type 2</td>
<td></td>
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</tr>
<tr>
<td>103</td>
<td>L.S.</td>
<td>As Built Drawings</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PROPOSAL TOTAL**
BID PROPOSAL BOND

KNOW ALL PERSONS BY THESE PRESENTS:

That ___________________________________________ of ___________________________,
as Principal, and ________________________________________________________ as Surety,
are jointly and severally held and bound unto Douglas County, Washington, in the full penal sum
of five percent (5%) of the total amount of the bid proposal of the Principal for the work hereafter
described and for the payment of such amount to Douglas County, Washington.

We jointly and severally bind ourselves, our heirs, successors and assigns, by these presents.

The Principal is herewith submitting a sealed bid proposal for the following public works
construction, to-wit:

Douglas County CRP 939, “23rd Street NE”, consisting of Excavation & Embankment,
Drainage Structures, Horizontal Directional Drilling, Sanitary Sewer, Domestic Water,
Retaining Walls, Crushed Surfacing, HMA, Irrigation Systems, Curb & Gutter, Cement Conc.
Sidewalk, Chain Link Fence, Cement Conc. Stairway W/Handrail and other work.

All according to the 2014 Standard Specifications for Road, Bridge and Municipal
Construction, State of Washington, Department of Transportation, and the plans,
specifications and addenda thereto

NOW, THEREFORE, if the bid proposal of the Principal be accepted and the Contract awarded to
the Principal, and if the Principal shall duly execute the Contract and furnish the required
Payment and Performance Bond and Certificate of Insurance within ten (10) days from and after
the award, exclusive of the day of such award, THEN AND ONLY THEN this Bid Proposal Bond
shall be null and void and fully discharged. Otherwise, it shall remain and be in full force and
effect and payable to Douglas County, Washington.

NOTE: Failure to provide a Bid Proposal Bond renders a bid non-responsive. Acceptable bid
bond language shall comply with Standard Specifications, 1-02.7.

WITNESS our hands this ____ day of _________________, 2014.

_________________________________   _________________________________
Type or Print:  Principal's Name:        Type of Print:  Surety's Name

________________________________
Signature:  Principal or Authorized Officer

______________________________
Signature:  Surety or Authorized Agent

______________________________
Signature:  Attorney-in-Fact, Surety
BID PROPOSAL FORM

To the Board of County Commissioners:

The undersigned Bidder hereby certifies that the Bidder has examined the construction site and has read and thoroughly understands the plans, specifications, addenda and contract governing the work and the manner by which payment will be made for such work.

The Bidder hereby acknowledges receipt of Addendum No. 1__, No. 2__, No. 3__, No. 4__, No. 5__, No. 6__, No. 7__, No. 8__, No. 9__, and No. 10__.

The Bidder hereby acknowledges that by execution of this Bid Proposal Form the Bidder has agreed to all bidding requirements, has fully executed all required bidding documents, and has agreed to fully and completely perform all work required under the plans, specifications, addenda and contract. The Bidder has agreed to pay prevailing rates of wages in accordance with the requirements of the special provisions or as may be in effect at the time of the execution of the contract, whichever may be higher.

A bid proposal guarantee of five percent (5%) of the total bid is attached hereto in the following form and in the amount of $________________________.

Cash ____ Bid Proposal Bond ____ Cashier’s Check ____ Certified Check ____ Checks must be payable to the Douglas County Treasurer.

Print Bidder Name ____________________________ Mailing Address ____________________________

Signature of Principal or Officer ____________________________ City ___________ State ___________ Zip

Print Name of Signer ____________________________ Title ____________________________ Telephone ___________ Fax ___________
Failure to return this Declaration as part of the Bid Proposal Package will make the bid non-responsive and ineligible for award.

NON-COLLUSION DECLARATION

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

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

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

NOTICE TO ALL BIDDERS

To report bid rigging activities call:

1-800-424-9071

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

The “hotline” is part of USDOT’s continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the USDOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.
BIDDER INFORMATION SHEET

Project: 23rd Street NE

Contractor registration, bonding and insurance information will be confirmed through Department of Labor & Industries at 1-800-647-0982 and 1-360-902-5230.

CONTRACTOR:

Name (Exactly as Registered) ____________________________ Telephone Number ____________________________

Address ____________________________

City ____________________________ State ____________________________ Zip ____________________________

Registration Number ____________________________ Expiration Date ____________________________ Federal Tax No. ____________________________

Sole Proprietorship ______ Partnership ______ Corporation ______

Names of All Principals (Owners/Partners/Officers):

________________________________________________________________________

________________________________________________________________________

BONDING AND CLAIMS:

Bonding Company Name (Exactly as Registered) ____________________________

Address ____________________________ City ____________________________ State ____________________________ Zip ____________________________

Contractor Registration (L&I) __________ Amount __________ Expiration Date __________

Are there claims pending against your bond? ______

If yes, what are each claimant's name, reasons for the claim, and amount claimed and the date and place of filing?

________________________________________________________________________

________________________________________________________________________
BIDDER INFORMATION SHEET (cont.)

Have there been tax liens or judgments against you filed by the Internal Revenue service, Department of Revenue, Employment Security Department or Department of Labor & Industries within the last three years resulting from non-payment of employee taxes? ________________

If yes, what date and in which county did each filing occur?
__________________________________________________________________________

Are there any lawsuits or unsatisfied judgments pending against you? _______

If yes, what date and in which county is each lawsuit pending or judgment entered?
__________________________________________________________________________

INSURANCE:

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<th>Company Name</th>
<th>Brokers Name</th>
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<table>
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<th>Broker Address</th>
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<th>State</th>
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<th>General Liability Coverage</th>
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</table>

REFERENCES

Provide references (owner name, address and location) for three comparable projects constructed by Bidder within previous five years.

__________________________________________________________________________

The Bidder hereby certifies that it has adequate equipment to properly and timely complete the work contemplated for Douglas County, Washington, and that the Bidder is a responsible bidder as provided by RCW 36.34.190.

Date:____________________

Signature of Authorized Principal/Officer

__________________________
Print Name and Title
BIDDING INSTRUCTIONS

A. BID OPENING

The Board of County Commissioners will open sealed bids and publicly read them aloud on **Tuesday, June 10, 2014 at 11:00 am**, or as soon thereafter as the matter may be heard, at the Board’s offices in the Douglas County Courthouse, 203 S. Rainier, P.O. Box 747, Waterville, Washington 98858-0747, for the construction of Douglas County CRP 939, “23rd Street NE”. Sealed bids must be received by the Clerk of the Board of County Commissioners in a sealed envelope clearly marked **SEALED BID FOR DOUGLAS COUNTY CRP 939, “23rd Street NE”, to be opened June 10, 2014, at 11:00 am**.

Sealed bids may not be submitted by facsimile or other electronic or data transmission.

B. BID CONTENTS

The sealed bid must contain all bidding documents, fully completed and signed. Bidders not fully meeting specifications must identify and list exceptions. All exceptions are subject to review, inspection, testing and approval by Douglas County.

The sealed bid must also contain the following information and materials, completed and signed:

1. Bid Proposal (Prices must be shown on every unit item and the total. Prices bid must be shown in all spaces provided);
2. Bid Proposal Bond (in lieu of cash, cashier’s check, or certified check, a Bid Proposal bond must be executed by the Bidder and the Bidder’s Surety);
3. Bid Proposal Signature Page (Executed by Owner, Principal or Authorized Officer);
4. Non-Collusion Declaration
5. Disadvantaged Business Enterprise Utilization Certification (DOT Form 272-056), when applicable
6. List of MBE/WBE subcontractors intended for use on this project

Bid proposal forms are not transferable. Any alteration not initialed by the Bidder will be cause for deeming the bid proposal irregular and rejecting the bid.

See Standard Specifications, 1-02.6, regarding “Preparation of the Proposal.”

C. CLARIFICATION OF BID

A Bidder may submit information to clarify the bid proposal previously received by the Clerk. The information must be received in writing or by facsimile transmission prior to **June 10, 2014, at 11:00 am**. The sole purpose of this provision is to allow clarification of any perceived ambiguity in the bid proposal, or to modify responses to specifications in the bid. **NO OTHER CHANGES ARE ALLOWED EXCEPT BY SUBMITTING AN AMENDED SEALED BID PROPOSAL PRIOR TO THE DATE AND TIME SET FOR BID OPENING.** Any unsealed clarification information received by the Clerk which discloses price will not be considered by the Board of County Commissioners and shall result in rejection of the entire bid.
D. **BID BOND**

All bid proposals shall be accompanied by a bid bond, certified check, cashier’s check or cash in the amount of five percent (5%) of the total bid, conditioned upon the Bidder’s full and complete performance of the terms and conditions of a bid award. The bid bond or equivalent shall be held by Douglas County until the contract is fully executed and a performance bond and certificate of insurance is provided to Douglas County. If the successful bidder abandons the bid award, or fails to fully execute the contract, or fails to provide a performance bond and a certificate of insurance to Douglas County, then the bid bond or equivalent shall, in the sole discretion of Douglas County, be forfeited and retained.

E. **BID REVIEW AND EVALUATION**

The Board of County Commissioners reserves the right to reject any or all bids, waive informalities, and to contract as the best interests of Douglas County may require. When evaluating bids, the following criteria, in addition to price, will be considered:

1. The bidder’s experience, technical qualifications and skill;
2. The guaranteed availability of materials needed for construction;
3. The bidder’s ability and capacity to fully perform within the time required, taking into account the bidder’s existing performance commitments and past performance;
4. The bidder’s qualifications and eligibility to contract under applicable laws and regulations;
5. The bidder’s compliance with the terms and conditions of this request for bids;
6. Any additional evaluation criteria contained in the plans, specifications and addenda; and
7. Any other information as may have a bearing on the bid.

F. **CONTRACT DOCUMENTS FOLLOWING AWARD**

Each Bidder’s attention is especially called to the following documents that must be fully completed, executed and submitted to Douglas County if successful Bidder:

1. **Contract** - To be executed by the successful Bidder.
2. **Payment and Performance Bond** - To be executed by the successful Bidder and the Bidder’s Surety Company.
3. **Certificate of Insurance** - To be executed by the successful Bidder’s Insurance Company.

G. **CANCELLATION BY COUNTY**

In its sole discretion, Douglas County may cancel any bid award upon written notification to the successful Bidder within 30 (thirty) days after the date of the bid award, without any cost, expense, penalty or damages payable to the successful Bidder.

H. **STATE INTEREST EXCLUSION CLAUSE**

It is anticipated that this project will be funded in part by the Washington State Department of Ecology. Neither the State of Washington nor any of its departments or employees are, or shall be, a party to any contract or any subcontract resulting from this solicitation for bids.
BIDDER’S CHECK LIST
OF CONTRACT DOCUMENTS

Each Bidder’s attention is especially called to the following documents that must be fully completed, executed and submitted to the County if successful Bidder:

(a) Contract:
To be executed by the successful Bidder.

(b) Payment and Performance Bond:
To be executed by the successful Bidder and the Bidder’s Surety Company.

(c) Certificate of Insurance:
To be executed by the successful Bidder’s Insurance Company.
PART TWO

CONTRACT DOCUMENTS
PAYMENT AND PERFORMANCE BOND

KNOW ALL PERSONS BY THESE PRESENTS:

That___________________________________ of ____________________________,
as Principal, and _______________________________________________________ as
Surety, are jointly and severally held and bound unto Douglas County, Washington, in the full
penal sum of:

_________________________________________________ ($____________________).

We jointly and severally bind ourselves, our heirs, successors and assigns, by these presents.

WHEREAS, on the _____ day of _______________, 2014, the Principal executed a certain
contract with Douglas County, Washington, by the terms, conditions and provisions of which,
the Principal, agrees to furnish all labor, material, and equipment for certain public work, to wit:

The Principal will undertake and complete the following project:

“23rd Street NE” by Excavation & Embankment, Drainage Structures, Horizontal Directional
Drilling, Sanitary Sewer, Domestic Water, Retaining Walls, Crushed Surfacing, HMA,
Irrigation Systems, Curb & Gutter, Cement Conc. Sidewalk, Chain Link Fence, Cement
Conc. Stairway W/Handrail and other work.

All according to the 2014 Standard Specifications for Road, Bridge and Municipal
Construction, State of Washington, Department of Transportation, and the plans,
specifications and addenda thereto

A copy of the executed contract and all specifications plans and addenda are
incorporated herein by this reference as though fully set forth herein.

NOW, THEREFORE, the conditions of this bond are such that, if the Principal shall fully and
completely:

1) comply with and perform all the terms, conditions, and promises of the contract;

2) furnish all labor, materials and equipment necessary to perform all work under the
contract, and do so within the time required under the contract;

3) indemnify, defend and hold Douglas County harmless against any and all direct or
indirect claims for damages to persons or property caused by or arising from the acts or
omissions of the Contractor or any of the Contractor’s employees, agents or
subcontractors;

4) pay all persons and entities furnishing labor, materials and/or equipment for performance
of any work under the contract, whether furnished directly or indirectly to the Contractor;
5) perform the contract according to law, and

6) continue to diligently and continuously perform all the foregoing conditions until final acceptance of the work by Douglas County;

THEN AND ONLY THEN, this obligation shall be null, void and fully discharged.

WITNESS our hands this ____ day of _________________, 2014.

Type or Print: Principal's Name:

Signature: Principal or Authorized Officer

Type or Print: Surety's Name

Signature: Surety or Authorized Officer-Agent

Signature: Attorney in Fact, Surety

Countersigned: ________________

Licensed (Resident) Agent or Surety Company

Name and Address, Local Office of Agent

APPROVED AS TO FORM:

Prosecuting Attorney        Date        County Engineer        Date
CONTRACT

This Contract is made this day by and between Douglas County, Washington, a political subdivision of the State of Washington, and

hereafter referred to as the Contractor.

In consideration of each and every term and condition contained herein, attached or incorporated by reference and made a part of this Contract, the parties agree as follows:

1. The proposed work to be performed under this Contract consists of all labor, material and equipment necessary for construction of Douglas County CRP 939, consisting of Excavation & Embankment, Drainage Structures, Horizontal Directional Drilling, Sanitary Sewer, Domestic Water, Retaining Walls, Crushed Surfacing, HMA, Irrigation Systems, Curb & Gutter, Cement Conc. Sidewalk, Chain Link Fence, Cement Conc. Stairway W/Handrail, and other items of work.

   All work shall be in accordance with the 2014 Standard Specifications for Road, Bridge and Municipal Construction, State of Washington, Department of Transportation, and as described in the plans, specifications and addenda hereby incorporated by this reference as though fully set forth.

2. The Contractor shall provide and pay the expense of all labor, material and equipment of any kind whatsoever that may be required for constructing and completing the work provided for in this Contract and every part thereof, except such as are expressly furnished by the County according to the plans, specifications and addenda.

3. The County hereby employs the Contractor to provide all labor, materials and equipment to do and complete the above described work according to the attached plans, specifications and addenda and the terms and conditions herein contained. The County agrees to pay for the same according to the Standard Specifications incorporated by reference and at such time, in such manner and upon such conditions as provided for in the Standard Specifications. The County further agrees to employ the Contractor to perform any alterations in or additions to the work provided for in this Contract that may be ordered in writing and to pay for the same under the terms of this Contract and the Standard Specifications.

4. The Contractor does hereby agree to fully and completely perform all the terms, conditions and promises contained in this Contract, the plans, specifications and addenda and the Standard Specifications, as well as all other requirements of federal and state law pertaining to the work to be performed.

5. This Contract is binding on the Contractor's heirs, successors and assigns

6. No liability shall attach to the County by reason of entering into this Contract, except as expressly provided herein.
IN WITNESS WHEREOF, the Contractor has executed this Contract and the Board of County Commissioners has caused this Contract be executed by, and in the name of Douglas County, Washington.

Date: _______________  
Contractor Name  

Authorized Signature, Principal/Officer  

Mailing Address  

City  
State  
Zip  

Surety  

By: ________________________________  
Attorney in Fact  

DOUGLAS COUNTY, WASHINGTON  
BOARD OF COUNTY COMMISSIONERS  

Chair  

Vice Chair  

Member  

Attest:  

Clerk of the Board  

Approved as to Form:  

Prosecuting Attorney
CERTIFICATE OF INSURANCE

This is to certify that the ____________________________________________

(Insurance Company) of______________________________________________

(Address) (City) (State Zip)

has issued policies of insurance, as described below and identified by policy number, to the
insured named below and to certify that such policies are in full force and effect at this time.
Douglas County, Washington has been named as an additional named insured on all such
policies. It is agreed that none of these policies may be canceled or reduced in coverage
without 30 days prior written notice, served by certified mail, return receipt requested, and
received by Douglas County, Board of County Commissioners, PO Box 747, Waterville,
Washington, 98858.

1. Insured: ____________________________________________________________

2. Address: __________________________________________________________

3. Status of Insured: Corporation ________ Partnership ________

   Individual ________ Joint Venture ________

4. Location of Operations Insured: ______________________________________

5. Description of Operations Insured: ________________________________

______________________________________________________________

INSURANCE POLICIES IN FORCE

Indicate Form of Coverage, Policy Number and Policy Expiration Date

Comprehensive Public Liability
Insuring All Operations of Insured

Comprehensive Property Damage
Liability Insuring All Operations of Insured

Automobile Liability

Railroad Protective Liability
Policies include coverage for:  YES  NO

Damage caused by blasting, collapse or structural injury, or damage to underground utilities?  ______  ______

Liability assumed in construction agreements and other types of contracts or the insured operations?  ______  ______

All owned, hired or non-owned automotive equipment used in connection with the insured operations?  ______  ______

**LIMITS OF LIABILITY**

<table>
<thead>
<tr>
<th>Form Of Coverage</th>
<th>Bodily Injury</th>
<th>Property Damage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liability other than Automobile</td>
<td>Each Person $___________</td>
<td>Each Accident $___________</td>
</tr>
<tr>
<td></td>
<td>Ea. Accident $___________</td>
<td>Aggregate $___________</td>
</tr>
<tr>
<td>Liability Automobile</td>
<td>Each Person $___________</td>
<td>Each Accident $___________</td>
</tr>
<tr>
<td></td>
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<td>Aggregate $___________</td>
</tr>
<tr>
<td>Railroad Protective Public Liability and Property Damage</td>
<td>Each Person $___________</td>
<td>Each Accident $___________</td>
</tr>
<tr>
<td></td>
<td>Ea. Accident $___________</td>
<td>Aggregate $___________</td>
</tr>
</tbody>
</table>

Date: _________________

Issued: _________________

________________________________
(Insurance Company)

________________________________
(Authorized Representative Signature)
PART THREE

AMENDMENTS
INTRODUCTION

The following Amendments and Special Provisions shall be used in conjunction with the 2014 Standard Specifications for Road, Bridge, and Municipal Construction.

AMENDMENTS TO THE STANDARD SPECIFICATIONS

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

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

Section 1-02, Bid Procedures and Conditions  
April 7, 2014

1-02.8(1) Noncollusion Declaration  
The third paragraph is revised to read:

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

Section 1-03, Award and Execution of Contract  
March 3, 2014

1-03.4 Contract Bond  
The last word of item 3 is deleted.

Item 4 is renumbered to 5.

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

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

Section 1-04, Scope of the Work  
April 7, 2014

1-04.4 Changes  
In the third paragraph, item number 1 and 2 are revised to read:

a. When the character of the Work as altered differs materially in kind or nature from that involved or included in the original proposed construction; or

b. When an item of Work, as defined elsewhere in the Contract, is increased in excess of 125 percent or decreased below 75 percent of the original Contract quantity. For the purpose of this Section, an item of Work will be defined as any item that qualifies for adjustment under the provisions of Section 1-04.6.
Section 1-07, Legal Relations and Responsibilities to the Public
January 6, 2014

1-07.2 State Taxes
This section is revised to read:

The Washington State Department of Revenue has issued special rules on the state sales tax. Sections 1-07.2(1) through 1-07.2(3) are meant to clarify those rules. The Contracting Agency will not adjust its payment if the Contractor bases a Bid on a misunderstood tax liability.

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

1-07.2(1) State Sales Tax: Work Performed on City, County, or Federally-Owned Land
This section including title is revised to read:

1-07.2(1) State Sales Tax: WAC 458-20-171 – Use Tax
For Work designated as Rule 171, Use Tax, the Contractor shall include for compensation the amount of any taxes paid in the various unit Bid prices or other Contract amounts. Typically, these taxes are collected on materials incorporated into the project and items such as the purchase or rental of; tools, machinery, equipment, or consumable supplies not integrated into the project.

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

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

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

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

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

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

Section 1-10, Temporary Traffic Control
April 7, 2014

1-10.1(1) Materials
The following material reference is deleted from this section:

Barrier Drums 9-35.8

1-10.1(2) Description
The first paragraph is revised to read:

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

1-10.2(1) General
In the third paragraph, the first two sentences are revised to read:

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

1-10.2(1)B Traffic Control Supervisor
The first paragraph is revised to read:

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

The last paragraph is revised to read:

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

1-02.2(2) Traffic Control Plans
The first paragraph is revised to read:

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

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

Any Contractor-proposed modification, supplement or replacement shall show the necessary construction signs, flaggers, and other traffic control devices required to support the Work.
1-10.3(1) Traffic Control Labor
The first paragraph is revised to read:

The Contractor shall furnish all personnel for flagging, for the execution of all procedures related to temporary traffic control and for the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations.

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

Flaggers

The first paragraph is revised to read:

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

The last paragraph is deleted.

1-10.3(1)B Other Traffic Control Labor
This section is revised to read:

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

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

When used in the caution mode, the four corner mode shall be used.

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

1-10.3(3)F Vacant

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

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

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

“Flaggers” will be measured by the hour. Hours will be measured for each flagging station, shown on an approved Traffic Control Plan, when that station is staffed in accordance with Section 1-10.3(1)A.
The first sentence of the last bulleted item in this section is revised to read:

Installing and removing Barricades, Traffic Safety Drums, Cones, Tubular Markers and Warning Lights and Flashers to carry out approved Traffic Control Plan(s).

1-10.5(2) Item Bids With Lump Sum for Incidentals

This section is deleted and replaced with the following:

“Traffic Control Supervisor”, lump sum.

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

“Pedestrian Traffic Control”, lump sum.

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

“Flaggers”, per hour.

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

“Other Traffic Control Labor”, per hour.

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

“Sequential Arrow Sign”, per hour.

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

“Portable Changeable Message Sign”, per hour.

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

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

“Operation of Transportable Attenuator”, per hour.

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

“Repair Transportable Attenuator”, by force account.

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

“Other Temporary Traffic Control”, lump sum.

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

“Portable Temporary Traffic Control Signal”, lump sum.

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

Section 5-04, Hot Mix Asphalt
January 6, 2014

5-04.3(7)A3 Commercial Evaluation
The second sentence in the first paragraph is revised to read:

Mix designs for HMA accepted by commercial evaluation shall be submitted to the Project Engineer on WSDOT Form 350-042.
Section 8-01, Erosion Control and Water Pollution Control
April 7, 2014

8-01.3(1)A Submittals
The first sentence in the second paragraph is revised to read:

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

Section 8-04, Curbs, Gutters, and Spillways
January 6, 2014

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

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

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

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

The third paragraph is revised to read:

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

Section 9-03, Aggregates
April 7, 2014

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

Vacant

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

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

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

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

All percentages are by weight.

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

9-03.14(4) Gravel Borrow for Structural Earth Wall
In the second table, the row beginning with “pH” is revised to read:

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

Section 9-05, Drainage Structures and Culverts
April 7, 2014

9-05.13 Ductile Iron Sewer Pipe
The first paragraph is deleted.

Section 9-35, Temporary Traffic Control Materials
April 7, 2014

9-35.0 General Requirements
The following item is deleted from the list of temporary traffic control materials:

   Barrier Drums

9-35.8 Barrier Drums
This section including title is deleted in its entirety and replaced with the following:

   9-35.8 Vacant
PART FOUR

SPECIAL PROVISIONS
SPECIAL PROVISIONS

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

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

- **General Special Provision**
- **Region Special Provision**
- **Bridges and Structures Special Provision**
- **Project Specific 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:

- **Eastern Region** (ER)
- **North Central Region** (NCR)
- **Northwest Region** (NWR)
- **Olympic Region** (OR)
- **South Central Region** (SCR)
- **Southwest Region** (SWR)
- **Washington State Ferries Division** (WSF)

**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)
This Contract provides for the improvement of *** “23rd Street NE” by Excavation & Embankment, Drainage Structures, Horizontal Directional Drilling, Sanitary Sewer, Domestic Water, Retaining Walls, Crushed Surfacing, HMA, Irrigation Systems, Curb & Gutter, Cement Conc. Sidewalk, Chain Link Fence, Cement Conc. Stairway W/Handrail *** and other work, all
WASHINGTON STATE DEPARTMENT OF ECOLOGY

(*****)

**State Interest Exclusion Clause**

It is anticipated that this project will be funded in part by the Washington State Department of Ecology. Neither the State of Washington nor any of its departments or employees are, or shall be, a party to any contract or any subcontract resulting from this solicitation for bids.

**Third-party Beneficiary Clause**

All parties agree that the State of Washington shall be, and is hereby, named as an express third-party beneficiary of this contract, with full rights as such.

**Protection of the Environment**

No construction related activity shall contribute to the degradation of the environment, allow material to enter surface or ground waters, or allow particulate emissions to the atmosphere, which exceed state or federal standards. Any actions that potentially allow a discharge to state waters must have prior approval of the Washington State Department of Ecology.

**Access to the Construction Site and to Records**

The Contractor shall provide for the safe access to the construction site and to the Contractor’s records by Washington State Department of Ecology personnel.

The Contractor shall maintain accurate records and accounts to facilitate the Owner’s audit requirements and shall ensure that all subcontractors maintain auditable records.

These project records shall be separate and distinct from the Contractor’s other records and accounts.

All such records shall be available to the Owner and to Washington State Department of Ecology personnel for examination. All records pertinent to this project shall be retained by the Contractor for period of three (3) years after the final audit.

**Utilization of Minority and Women Business Enterprises**

All bidders are encouraged to utilize certified minority-owned and women-owned businesses to the extent possible in the performance of this contract. All prospective bidders or persons submitting qualifications should take the following steps, when possible.

- Include qualified minority and women’s businesses on solicitation lists
- Assure that qualified minority and women’s businesses are solicited whenever they are potential sources of services or supplies
- Divide the total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by qualified minority and women’s businesses
- Establish delivery schedules, where work requirements permit, which will encourage participation of qualified minority and women’s businesses
• Use the services and assistance of the State Office of Minority and Women’s Business Enterprises (OMWBE) and the Office of Minority Business Enterprises of the U.S. Department of Commerce, as appropriate

DEFINITIONS AND TERMS

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

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

**Dates**

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

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

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

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

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

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

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

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

Supplement this Section with the following:

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

All references to “State Materials Laboratory” shall be revised to read “Contracting Agency designated location”.
All references to “final contract voucher certification” shall be interpreted to mean the final payment form established by the Contracting Agency.

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

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

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

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

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

**Contract Documents**
See definition for “Contract”.

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

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

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

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

Prequalification of Bidders
Section 1-02.1 is supplemented with the following:

Any General Contractor licensed in the State of Washington that is not currently barred from the bidding process for State construction contracts and bondable for the amount of the executed contract is accepted as a qualified bidder.

Prior to the award of the contract by the Board of County Commissioners, the apparent low bidder must show conclusively that they have the ability, financing, equipment and history of past performance to complete this project as herein after specified.

Plans and Specifications
Section 1-02.2 is supplemented with the following:

Informational plans and specifications for the purpose of bidding will be on file in the Douglas County Public Services Building, 140 19th St. NW, Suite A, East Wenatchee, WA 98802 (509-884-7173).

Public Opening of Proposals
Section 1-02.12 is supplemented with the following:

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

Douglas County Commissioners meeting room, located at the Douglas County Courthouse, 203 S. Rainier Avenue, Waterville, WA 98858, until 11:00 a.m. of the bid opening date.
Bids delivered in person will be received only in the Douglas County Commissioners meeting room on the bid opening date.

The bid opening date for this project is June 10, 2014. Bids received will be publicly opened and read after 11:00 a.m. on this date.

1-02.15 Pre Award Information
(August 14, 2013 APWA GSP)

Revise this section to read:

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

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

AWARD AND EXECUTION OF CONTRACT

Award of Contract
Section 1-03.2 is supplemented with the following:

(April 7, 2008)
The Contract will be awarded on the basis of the total of all bid items (Contract Total). After
the award, the Contracting Agency has the option of deleting work associated with the
construction of *** East Wenatchee Water District and Douglas County Sewer District ***.
This work is represented by the bid items found in the column(s) headed GROUP(S) *** 2
and 3, *** on the Summary of Quantities. The deletion of this work will be documented by a
change order. The change order will not be subject to protest or negotiation. The amount of
the change order price reduction shall be the sum of the amounts bid for all items within the
GROUP(s).

Should the Contracting Agency exercise the option to delete the work in one or more of the
GROUPS listed above and shown on the Summary of Quantities, then Section 1-09.5 will
not apply to the items that are deleted.

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 _5_ additional calendar days for return of the documents,
provided the Contracting Agency deems the circumstances warrant it.
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.

CONTROL OF WORK

(******)

Plans and Working Drawings

Section 1-05.3 is supplemented with the following:

Prior to receiving final payment for the work, the Contractor shall deliver a complete set of acceptable "As Built Drawings" records to the Owner. Drawings shall be made on clean, unmarked prints for this project in accordance with the following standards:

- yellow markings or highlights = deleted items
- red markings = new or modified items

The Contractor shall provide "as-built" information on all items and work shown on the plans showing details of the finished product including dimensions, locations, outlines, changes, etc. The information must be in sufficient detail to allow the Owner’s personnel to locate, maintain, and operate the finished product and its various components.

The Contractor shall also show size, horizontal and vertical locations of existing utilities encountered during construction.

“As Built Drawings”, per lump sum. Payment shall be full payment for all work to provide as constructed markups of the project plans.

LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC

Load Limits

Section 1-07.7 is supplemented with the following:
Whenever the Contractor obtains materials from a source other than that provided by the Contracting Agency, or provides a source for materials not designated to come from a source provided by the State and the location of the source necessitates hauling on other than State Highways, the Contractor shall, at the Contractor’s expense, make all arrangements for the use of the haul routes.

**Contractor’s Responsibility for Work**

**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.

**Inadvertent Discovery of Human Skeletal Remains**
Section 1-07.16(4)A is supplemented with the following:

Inadvertent Discovery of Human Skeletal Remains on Non-Federal and Non-Tribal Land in the State of Washington (RCWs 68.50.645, 27.44.055, and 68.60.055)

“If ground disturbing activities encounter human skeletal remains during the course of construction, then all activity will cease that may cause further disturbance to those remains. The area of the find will be secured and protected from further disturbance. The finding of human skeletal remains will be reported to the county medical examiner/coroner and local law enforcement in the most expeditious manner possible. The remains will not be touched, moved, or further disturbed. The county medical examiner/coroner will assume jurisdiction over the human skeletal remains and make a determination of whether those remains are forensic or non-forensic. If the county medical examiner/coroner determines the remains are non-forensic, then they will report that finding to the Department of Archaeology and Historic Preservation (DAHP) who will then take jurisdiction over the remains. The DAHP will notify any appropriate cemeteries and all affected tribes of the find. The State Physical Anthropologist will make a determination of whether the remains are Indian or Non-Indian and report that finding to any appropriate cemeteries and the affected tribes. The DAHP will then handle all consultation with the affected parties as to the future preservation, excavation, and disposition of the remains.”

**Utilities and Similar Facilities**
Section 1-07.17 is supplemented with the following:

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

Public and private utilities, or their Contractors, will furnish all work necessary to adjust, relocate, replace, or construct their facilities unless otherwise provided for in the Plans or
these Special Provisions. Such adjustment, relocation, replacement, or construction will be done during the prosecution of the work for this project.

Section 1-07.17 is further supplemented with the following:

(******)
The Contractor shall be entirely responsible for exposing any conflict between the proposed and existing utilities and infrastructure prior to their installation. If utility work requires removing or relocating a utility, the Contractor shall coordinate with the utility involved and develop a schedule for accomplishing this work within the contract time. The scheduled time shall be included in the Contractor’s progress schedule and be updated at the request of the Contracting Agency as outlined in Section 1-08.3.

The Contractor shall call the Northwest Utility Notification Center (One Call Center), for field location, not less than two or more than ten business days before the scheduled date for commencement of excavation which may affect underground utility facilities, unless otherwise agreed upon by the parties involved. A business day is defined as any day other than Saturday, Sunday, or a legal local, State, or Federal holiday. Call the Utility Notification Center at 1-800-424-5555 or 811 (www.callbeforeyoudig.org). If no one-number locator service is available, notice shall be provided individually to those owners known to or suspected of having underground facilities within the area of proposed excavation.

The Contractor is alerted to the existence of Chapter 19.122 RCW, a law relating to underground utilities. Any cost to the Contractor incurred as a result of this law shall be at the Contractor’s expense.

No excavation shall begin until all known facilities, in the vicinity of the working area, have been located and marked. The utilities as shown on the contract plan sheets do not guarantee the actual location.

The Contractor shall be responsible for any breakage of utilities or services resulting from his operations, and shall hold the County and its consultants and agencies harmless from any claims resulting from disruption of or damages to same.

The Contractor shall be entirely responsible for coordination with the utility companies and arranging for the movement or adjustment, either temporary or permanent, of their facilities within the project limits.

No additional compensation will be made to the Contractor for reason of delay caused by the actions of any utility company and the Contractor shall consider such costs to be incidental and included in associated contract items of work.

Existing utilities shall be adjusted by the appropriate utility company unless otherwise noted in these plans.

Utility Potholing
The Contractor shall physically locate underground utilities where any conflict might exist prior to construction or installation of plan infrastructure, using methods and equipment acceptable to the Engineer. All costs for utility Potholing shall be included in associated bid items of work. Should the Contractor fail to pothole known utility crossings, any subsequent adjustments necessary shall not be cause for cost or time claim.
Public Liability and Property Damage Insurance
Delete this section in its entirety, and replace it with the following:

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

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

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

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

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

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

F. The Contractor shall provide the Contracting Agency and all Additional Insureds with written notice of any policy cancellation, within two business days of their receipt of such notice.

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

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

I. Failure on the part of the Contractor to maintain the insurance as required shall constitute a material breach of contract, upon which the Contracting Agency may, after giving five business days’ notice to the Contractor to correct the breach, immediately terminate the contract or, at its discretion, procure or renew such insurance and pay any and all premiums in connection therewith, with any sums so expended to be repaid to the Contracting Agency on demand, or at the sole discretion of the Contracting Agency, offset against funds due the Contractor from the Contracting Agency.
J. All costs for insurance shall be incidental to and included in the unit or lump sum prices of the contract and no additional payment will be made.

1-07.18(2) Additional Insured
All insurance policies, with the exception of Professional Liability and Workers Compensation, shall name the following listed entities as additional insured(s):

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

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

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

1-07.18(4) Evidence of Insurance
The Contractor shall deliver to the Contracting Agency a Certificate(s) of Insurance and endorsements for each policy of insurance meeting the requirements set forth herein when the Contractor delivers the signed Contract for the work. The certificate and endorsements must conform to the following requirements:

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

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

3. Any other amendatory endorsements to show the coverage required herein.

1-07.18(5) Coverages and Limits
The insurance shall provide the minimum coverages and limits set forth below. Providing coverage in these stated minimum limits shall not be construed to relieve the Contractor from liability in excess of such limits. All deductibles and self-insured retentions must be disclosed and are subject to approval by the Contracting Agency. The cost of any claim payments falling within the deductible shall be the responsibility of the Contractor.

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

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

Such policy must provide the following minimum limits:

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

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.

Public Convenience and Safety

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**

**PROSECUTION AND PROGRESS**

**Prosecution of Work**

Revise this section to read:

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.

Section 1-08.4 is further supplemented with the following:
The second order of work shall be the installation of all items of work detailed in the Construction Sign Plan.

The third order of work shall be the installation of all applicable items detailed in the Stormwater Pollution Prevention Plan.

The fourth order of work shall be the completion of all items of work detailed in the following sheets:

- SR28 and 23rd St Storm Pipe Crossing
- 23rd St. NW Infiltration Pond Grading / Storm Drainage Plan
- 23rd Street NW Infiltration Pond Landscape / Irrigation Plan
- 23rd St. NW Infiltration Pond Details
- Cascade Elementary School Irrigation Pump House Details
- Conditions shall be created to capture stormwater from the project corridor via catch basins #8 and #10 and convey it to the proposed infiltration pond at the southwest corner of SR28 and 23rd Street.

The fifth order of work shall be installation of all items of work detailed in the Irrigation Mainline Relocation Plan.

**Time of Completion**

(March 13, 1995)

Section 1-08.5 is supplemented with the following:

This project shall be physically completed within *** 75 *** working days.

**MEASUREMENT AND PAYMENT**

**Payments**

Section 1-09.9 is supplemented with the following:

(March 13, 1995)

The quantity of the following items to be paid for on this project shall be the quantity shown in the Proposal, unless changes are made in accordance with Section 1-04.4 which affect this quantity. The quantity shown in the Proposal will be adjusted by the amount of the change and will be paid for as specified in Section 1-04.4.

- *** Clearing and Grubbing
- Roadway Excavation Incl. Haul
- Pond Excavation Incl. Haul
- Embankment Compaction ***

The quantities in the Proposal are listed only for the convenience of the Contractor in determining the volume of work involved and are not guaranteed to be accurate. The prospective bidders shall verify these quantities before submitting a bid. No adjustments other than for approved changes will be made in the quantity even though the actual quantities required may deviate from those listed.
The unit contract price for these items shall be full pay to construct and complete this portion of the work.

TEMPORARY TRAFFIC CONTROL

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

(December 1, 2008)
Only training with WSDOT TCS card and WSDOT training curriculum is recognized in the State of Washington. The Traffic Control Supervisor shall be certified by one of the following:

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

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

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

Traffic Control Management
Section 1-10.2(1)A is supplemented with the following:

(******)
The Contractor shall coordinate with the following during the life of the project announcing any road restrictions or closures. All announcements/notifications shall be accomplished a minimum of 72 hours prior to the event. A copy of the announcement/notification with accompanying distribution list shall be forwarded to the Engineer.

- Eastmont Parks & Recreation (509) 884-8015
- Douglas County Sheriff's Office (509) 884-1535
- Douglas County Fire District 2 (E. Wen.) (509) 884-6671
- Rivercom (911 Dispatch) (509) 663-9911
- Ballard Ambulance (509) 662-5111
- Lifeline Ambulance (509) 884-7237
- Eastmont School Bus Garage (509) 884-4621
- Link Transit (509) 662-1155
- Cascade Elementary School (509) 884-0523
- Waste Management (509) 662-4591
- U.S. Post Office (509) 663-5069
The following radio stations shall also be notified (public service announcement):

- KPQ/The Quake (509) 663-5121
- Fisher Broadcasting (509) 665-6565
- KKRV/KWLN (509) 663-5186
- Wheeler Broadcasting (509) 662-3842

**Lump Sum Bid for Project (No Unit Items)**

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

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

**DIVISION 2**

**EARTHWORK**

**REMOVAL OF STRUCTURES AND OBSTRUCTIONS**

**Construction Requirements**

Section 2-02.3 is supplemented with the following:

Any existing abandoned irrigation lines/mains encountered during construction shall be removed at the direction of the Engineer. All removed materials shall be disposed of outside the project limits. Payment for work involved shall be included in the item “Removal of Structure and Obstruction”, per lump sum.

**DIVISION 5**

**SURFACE TREATMENTS AND PAVEMENTS**

**HOT MIX ASPHALT**

**Materials**

Section 5-04.2 is supplemented with the following:

The grade of asphalt binder shall be PG 64-28
Aggregate shall be HMA Class 1/2 Inch

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

(January 16, 2014 APWA GSP)

Mix designs for HMA accepted by Nonstatistical evaluation shall:

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

At or prior to the preconstruction meeting, the contractor shall provide one of the following mix design verification certifications for Contracting Agency review;

- The proposed mix design indicated on a WSDOT mix design/anti-strip report that is within one year of the approval date
- The proposed HMA mix design submittal (Form 350-042) with the seal and certification (stamp & signature) of a valid licensed Washington State Professional Engineer.
- The proposed mix design by a qualified City or County laboratory mix design report that is within one year of the approval date.

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

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

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

Delete this section and replace it with the following:

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

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

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

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

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

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

For HMA in a structural application, sampling and testing for total project quantities less than 400 tons is at the discretion of the engineer. For HMA used in a structural application and with a total
project quantity less than 800 tons but more than 400 tons, a minimum of one acceptance test shall be performed:

i. If test results are found to be within specification requirements, additional testing will be at the engineer's discretion.

ii. If test results are found not to be within specification requirements, additional testing as needed to determine a CPF shall be performed.

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

The first paragraph of this section is deleted.

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

Delete this section and replace it with the following:

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

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

Delete this section and replace it with the following:

The maximum CPF of a compaction lot is 1.00.

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

**DIVISION 7**

**DRAINAGE STRUCTURES, STORM SEWERS, SANITARY SEWERS, WATER MAINS, AND CONDUITS**

**CULVERTS**

**Description**

Section 7-02.1 is supplemented with the following:

The Contractor shall install CPSSP 12-inch and 18-inch culvert pipe at the locations shown in the Plans.

**Payment**

Section 7-02.5 is supplemented with the following:
“Corrugated Polyethylene Storm Sewer Pipe 12 In. Diam.” and “Corrugated Polyethylene Storm Sewer Pipe 18 In. Diam.”, per linear foot, shall be full pay for labor, equipment, materials, trench excavation, gravel backfill for pipe zone bedding, and compaction.

STORM SEWERS

Section 7-04 is supplemented with the following:

(******)

“HDD 18 In. Diam. HDPE Storm Sewer Pipe”

Description
This work also includes installation of an HDPE storm sewer pipe 18 in. diameter by the horizontal directional drilling (HDD) trenchless method.

Materials
18 In. HDPE storm sewer pipe shall be manufactured from a high density high molecular weight polyethylene resin which conforms to ASTM D-1248 and meets the requirements for Type III, Class A, Grade P34, Category 5, and has a PPI rating of PE 3408, when compounded. The pipe produced from this resin shall have a minimum cell classification of 345434D or E (inner wall shall be light in color) under ASTM D3350. Acceptable manufacturers are Performance Pipe, Plexco, Drisco, Poly Pipe, or approved equal.

Before beginning work, the Contractor shall submit to the Engineer for approval the vendor’s specific technical data with complete physical properties of pipe and pipe dimensions pertinent to this job.

Construction Requirements
HDD shall be accomplished in two phases. The first phase consists of drilling a small diameter pilot hole along a designed directional path. The second phase consists of enlarging the pilot hole to a diameter suitable for pulling the pipe into the enlarged hole and pulling the pipe in place. The Contractor shall install the HDPE storm sewer pipe 18 in. diameter by the HDD method to the alignment and grade as shown in the Plans.

The Contractor shall provide a Drill Plan for approval by the Engineer a minimum of two weeks prior to the start of drilling. The Plan shall include:

1. Specifications for the drill rig outlining the size of the equipment.
2. Maximum entry and exit angles.
3. Anticipated location of all equipment on the project site including slurry containment pit, length of production pipe, and layout requirements for pull back.
4. Composition of drilling fluid.
5. Location of disposal site and method of removing slurry and cuttings material.
6. Contingency plans for possible problems.
7. Timeline for the work.

The approval of the Drill Plan by the Engineer in no way relieves the Contractor of the responsibility of meeting the contract documents, plans, and specifications of this project.

The Contractor shall have performed at least four other HDD jobs with the same diameter of pipe or larger, each at least 500 feet long. Specifically, the superintendent who has performed
at least two of these previous contracts shall be required to monitor and oversee the HDD operations of this contract. A reference listing the Contractor’s work on previous contracts with names, phone numbers, and other contact information of the project owners shall be submitted with the bid. Operators of directional drilling equipment shall have had training certified by the manufacturer of the equipment.

Prior to any drilling, the Contractor shall locate all utilities per Standard Specification 1-07.17. Any cause for concern regarding conflicts with adjacent utilities shall be immediately communicated to the Engineer. Listing of tolerances does not relieve the Contractor from responsibility for safe operations or damage to adjacent utilities and structures.

If additional workspace is needed other than what is shown in the Plans, the Contractor shall obtain the necessary permission and right of entry. The Contractor is responsible for repairing any damages to the area that may occur.

The directional drilling machine shall be capable of drilling and pulling back the specified storm sewer pipe. Two bore logs (TH-1 and TH-2 plus photographs) are attached in the Appendices. These logs show soil locations in two areas near the drill route but do not necessarily represent all the soil conditions to be encountered on the drill path.

The Contractor shall butt-fuse the HDPE pipe sections according to the manufacturer’s recommendations. The manufacturer’s recommendations shall be provided to the Engineer a minimum of two weeks prior to the start of pipe fusion. After fusion, the Contractor shall remove the interior butt welds to provide the full unobstructed inside diameter of the HDPE pipe.

The Contractor shall use tracking equipment to ensure the specified alignment of the pipe. The pilot hole shall be drilled along the path shown on the plan and profile sheets. The Contractor shall at all times provide and maintain instrumentation which will accurately locate the pilot hole, measure drill string axial and torsional loads, and measure drilling fluid discharge rate and pressure. The Engineer shall have access to these instruments and their readings at all times. All gauges on the drilling equipment shall be certified to be functional before the project commences and daily verified by Engineer before operations begin each day.

The Contractor shall obtain elevations and horizontal locations at 50 foot intervals or less, and shall provide these elevations and locations to the Engineer during the course of the work. Should these elevations and locations show that the installed pipe does not meet the tolerances specified herein, the Engineer may stop the work and direct the Contractor to take remedial measures or to abandon a pipe section at no cost to the Contracting Agency.

When drilling is off line or grade, alignment corrections shall be made. Tolerances for the pipe shall be plus or minus 4 feet in horizontal alignment and the grade shall be such that there is no belly in the pipe. Tolerances at the entrance and exit pits shall be plus or minus 0.5 feet in the vertical and horizontal direction. Pipe installed outside tolerances will not be accepted. This pipe shall be abandoned and fully grouted at no cost to the Contracting Agency.

The maximum allowable tensile load imposed on the pull section shall be equal to 80 percent of the product of the specified minimum yield strength of the pipe and the area of the pipe section at 50 degrees. If more than one value is involved for a given pull section, the lesser shall govern. A swivel shall be used to connect the pull section to the reaming assembly to minimize torsional stress imposed on the section. The pull section shall be supported as it proceeds during pull back so that it moves freely and the pipe and corrosion coating are not damaged.
The pipe shall be marked at 100 foot intervals to verify the pipe length is not extended beyond 5 percent of length. The Contractor shall provide a sufficient number of rollers and cradles to support the pipe and prevent over-stressing due to sags or bends during the pull back procedure. The pull section shall be installed in the reamed hole in such a manner that external pressures are minimized. Any damage to the pipe resulting from external pressure during installation shall be the responsibility of the Contractor. Once pullback has begun, it shall be continuous until full completion.

The Contractor shall monitor, contain, remove and dispose of the drilling fluid slurry associated with drilling and any soils contaminated by the drilling fluids. The containment method shall be as specified in the Contractor’s SPCC Plan. All areas disturbed during the drilling process shall be restored to their original condition. No fluid may be utilized that does not comply with permit requirements and environmental regulations. Drilling fluid shall be in accordance with manufacturer’s recommendations. Manufacturer technical sheets shall be submitted to Engineer for working in soils found in the bore logs. The Contractor shall be responsible for obtaining, transporting, and storing any water required for drilling fluids. The Contractor shall use a vacuum to collect any excess drilling fluid. Disposal of excess drilling fluids and cuttings is the responsibility of the Contractor and shall be conducted in compliance with all environmental regulations, right-of-way and workspace agreements, and permit requirements. The Contractor shall employ his best efforts to maintain full annular circulation of drilling fluids. Drilling fluid returns at locations other than the entry and exit points shall be minimized. In the event that annular circulation is lost, the Contractor shall take steps to restore circulation. If inadvertent surface returns of drilling fluids occur, they shall be immediately contained with hand placed barriers (i.e. hay bales, sand bags, silt fences, etc.) and collected using pumps as practical. If the amount of the surface return is not great enough to allow practical collection, the affected area shall be diluted with fresh water and the fluid will be allowed to dry and dissipate naturally. If the amount of the surface return exceeds that which can be contained with hand placed barriers, drilling operations shall be suspended until surface return volumes can be brought under control.

The Contractor shall be responsible for the design, installation, maintenance and removal of any sheeting and shoring necessary for the drilling operation, including fluid containment and permitted disposal practices.

Before connecting the sewer pipe to the manhole, the HDPE pipe shall have been allowed to reconfigure to natural shape for at least 24 hours after being placed in ground.

At the completion of the project, the Contractor shall provide tabulation and drawings of coordinates, referenced to the drilled entry point, which accurately describe the location and elevations of the pipe.

**Measurement**

“HDD 18 in. Diam. HDPE Storm Sewer Pipe” shall be by the linear foot along the center line of the completed sewer from inside face to inside face of manholes, as detailed in the Plans.

**Payment**

“HDD 18 In. Diam. HDPE Storm Sewer Pipe”, per linear foot. The unit contract price per linear foot shall be full pay for all work to complete the installation as specified including but not limited to labor, equipment, drilling, materials, disposal of excess materials, backfilling, traffic control, sheeting and shoring, utility locations, clean up, and other related work necessary for construction as specified.
DIVISION 8
MISCELLANEOUS CONSTRUCTION

EROSION CONTROL AND WATER POLLUTION CONTROL

Seeding and Fertilizing
Section 8-01.3(2)B is supplemented with the following:

“Seeding, Fertilizing and Mulching Pond Area”
Grass seed, of the following composition, proportion, and quality shall be applied at the rates shown below on the area defined on the Plan sheet for infiltration pond:

<table>
<thead>
<tr>
<th>Kind and Variety of Seed in Mixture by Common Name</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hard Fescue</td>
<td>30%</td>
</tr>
<tr>
<td>Streambank Wheatgrass</td>
<td>30%</td>
</tr>
<tr>
<td>Sheep Fescue</td>
<td>20%</td>
</tr>
<tr>
<td>Upland Bluegrass</td>
<td>10%</td>
</tr>
<tr>
<td>Sandberg Bluegrass</td>
<td>10%</td>
</tr>
</tbody>
</table>

Seed rate shall be 1-2 pounds per 1,000 square feet.

“Seeding, Fertilizing and Mulching”
Grass seed, of the following composition, proportion, and quality shall be applied at the rates shown below on all areas requiring roadside seeding within the project:

<table>
<thead>
<tr>
<th>Kind and Variety of Seed in Mixture by Common Name and (Botanical name)</th>
<th>Pounds Pure Live Seed (PLS) Per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Idaho Fescue (Festuca idahoensis)</td>
<td>1.22</td>
</tr>
<tr>
<td>Bluebunch Wheatgrass ‘Rock Island’ (Pseudoreogneria spicata)</td>
<td>8.18</td>
</tr>
<tr>
<td>Sand Dropseed (Sporobolus cryptandrus)</td>
<td>0.27</td>
</tr>
<tr>
<td>Thickspike Wheatgrass ‘Schwindemar’ (Agropyron dasystachym)</td>
<td>9.30</td>
</tr>
<tr>
<td>Sandberg Bluegrass ‘Duffy Creek’ (Poa sandgergii)</td>
<td>8.18</td>
</tr>
<tr>
<td>Needle and Threadgrass (Hesperostipa comate)</td>
<td>2.84</td>
</tr>
</tbody>
</table>
Total Pounds PLS Per Acre 30.00

Non-Source Identified seed shall meet or exceed Washington State Department of Agriculture Certified Seed Standards and be from within the Columbia Basin or Blue Mountains Ecoregions, as defined by the US Environmental Protection Agency (EPA) and shown at:

http://www.wsdot.wa.gov/eesc/design/roadside/images/eco_regions_v9.jpg

Seeds shall be certified “Weed Free”, indicating there are no noxious or nuisance weeds in the seed.

**Mulching**

Section 8-01.3(2)D is supplemented with the following:

August 2, 2010

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

**Fertilizer**

(******)

A commercial blend of fertilizer (10-20-20) shall be applied at a rate of 5 pounds per 1,000 square feet or 200 pounds per acre.

**ROADSIDE RESTORATION**

**Construction Requirements**

**Topsoil**

Section 8-02.3(4) is deleted and replaced with the following:

**Amended Soil**

Amended Soil is topsoil that is specifically intended to provide stormwater treatment through the bottom of a stormwater infiltration pond. The Amended Soil is only required on the bottom of the infiltration pond and up the side-slopes as shown on the Contract Plans. Placed soil shall be lightly compacted as the infiltrative capacity of the soil may be compromised if over-compacted. The Amended Soil shall be a minimum of 18 inches thick after compaction.

The contract bid item “Amended Soil” assumes an approximate quantity of 94 CY. This quantity is listed only for the convenience of the Contractor in determining the items of work and quantities involved and are not guaranteed to be accurate.

The Amended Soil shall be a weed-free soil/compost mixture, and shall have a pH range of 5.5 to 8; moisture content 35 to 55 percent by weight; and 100% passing through 1-inch sieve. One soil sample per 1,000 square feet of facility area shall be tested by the Contractor, at the Contractor’s expense. Each soil sample shall be a composite of subsamples taken throughout the depth of the amended soil layer and shall be tested for the
following:

- Cation Exchange Capacity (CEC) of the soil must be ≥5 milliequivalents CEC/100 g dry soil (tested using U.S. EPA Method 9081)
- Organic matter content of 8-10% (measured on a dry weight basis using ASTM D2974)
- Percent fines passing the No. 200 sieve of 2-5% (reported in percent passing, with all material 1 inch and larger screened out)

Test results for each soil test shall be provided to the Contracting Agency within 5 working days of the samples being taken. Contractor shall notify the Contracting Agency at least 3 working days prior to taking samples. Contracting Agency or their representative must be present when samples are obtained.

Based upon the test results, the soil may require additional amendment with weed-free compost. Within 3 working days of receiving the test results, the Contracting Agency will notify the Contractor whether or not the Amended Soil requires additional amendment to achieve the requirements. If additional amendment is required, the Contracting Agency will determine the quantity of compost in cubic yards to be added, and a second set of soils tests, per the same criteria noted above shall be performed by, and at the expense of, the Contractor, with test results provided to the Contracting Agency.

After the Amended Soil has been placed and finish-graded, No vehicles or equipment shall be driven where topsoil has been placed.

**8-02.4 Measurement**

Section 8-02.4 is supplemented with the following:

The cubic yard measurement for “Amended Soil” shall include all costs for placing, soil testing, amending as necessary, lightly compacting, and finish-grading. This cubic yard measurement shall be in the hauling conveyance at the point of delivery.

**8-02.5 Payment**

Section 8-02.5 is supplemented with the following:

“Amended Soil”, per cubic yard.

The unit bid price per cubic yard for “Amended Soil” shall include all costs for placing, soil testing, amending as necessary, lightly compacting, and finish-grading.

**IRRIGATION SYSTEMS**

**Description**

Section 8-03.1 is supplemented with the following:

Work on this project consists of installing Main Lines, Lateral Lines, and connection to existing mains.

Existing irrigation systems will be active during construction. Contractor shall maintain irrigation service until such time as final connections are ready to be made. Except in an emergency, Contractor must coordinate with the Wenatchee Reclamation District and the
Owner’s Inspector when it is necessary to shut off irrigation mains. A minimum of 72 hours’ notice is required prior to shutting off irrigation.

“Connection to Existing Lateral Line”
The Contractor shall remove the existing irrigation service line and valve and dispose of outside the project limits. New PVC pipe, gate valve and irrigation valve box shall be installed at the locations shown in the Plans. Gate valves shall be as specified in Section 9-15.6 (Gate Valves) of the Standard Specifications.

Piping
The second paragraph is revised to read:

Main lines and lateral lines shall be defined as follows:

- **Main Lines** – All supply pipe and fittings that do not directly connect to a customer’s property.
- **Lateral Lines** – All supply pipe and fittings that connect from the Main Line to the customer’s property.

Jointing
Section 8-03.3(4) is supplemented with the following:

Where new pipe must be connected to existing pipe, the preferred connection is threaded or glued. Where this is not possible, a compression coupling may be used. Set screw style couplings are not allowed. Plastic compression couplings are not allowed within the right of way.

Contractor to expose and measure existing pipes at connection points far enough in advance to order the correct connection fittings. Delays due to failure to verify existing pipe location and material will not be cause for claim.

When connecting to existing thin wall steel pipe, the existing pipe must be reinforced with an internal stiffener. Acceptable stiffener models are shown below, equals will be reviewed. Stiffeners may need to be field modified to fit unusual size pipe, cost is incidental.

- 4-inch diameter and larger Romac two-piece Stiffener Insert
- 2-inch diameter and larger Leemco SS Pipe Stiffener
- 2-inch diameter and smaller Ford SS Insert-XX

Compression couplings for pipe with identical outside diameter may be Gheen Irrigation Works Watertight Coupling or approved equal. Compression couplings for pipe of slightly different outside diameter shall be Romac 501 with transition gaskets or approved equal. Provide and install reducers when mating pipes are one or more nominal sizes different.

Any unrestrained joints such as compression couplings must be adequately restrained against operational forces with thrust blocking [7-09.3(21)] or Contractor may propose a method for approval by the Owner.

Glued PVC joints must use primer prior to glue, or a primerless glue.

Installation
Section 8-03.3(5) is supplemented with the following:
Mains shall be installed constantly rising or flat for the entire length of the project. Do not create high points that would collect air, or low points that would collect debris. If such conditions appear unavoidable due to interferences with other utilities, confirm with Owner’s inspector prior to installing mains.

Mains are to be installed with the bell end on the uphill side.

Where bends are required for alignment adjustment, use only 22.5 or 45 degree bends. Do not use 90 degree bends unless approved by the Owner.

Pipe may be deflected to make minor changes in alignment, but do not exceed manufacturer’s recommendation.

Do not bear pipe directly on any other utility or structure.

Connections to existing irrigation mains must be completed the same week as started. Do not leave irrigation systems offline over a weekend.

**Flushing and Testing**
Section 8-03/3(7) is supplemented with the following:

Provide all materials necessary for testing.

Existing mains shall not be pressure tested. Connections to existing mains must be left exposed for a visual inspection once the system is placed into service. Correct any leakage noted.

Should the Owner suspect the accuracy of test gauges, the Contractor shall prove their accuracy or replace at no cost.

Main Line and Lateral Lines may be tested concurrently or separately at the Contractor’s discretion.

The last sentence of the fourth paragraph is replaced with the following:

Lines that show loss of pressure exceeding 2 psi at the end of the specified test period will be rejected.

**Backfill**
Section 8-03.3(9) is supplemented with the following:

Trenches for water mains installed under the roadway shall have the upper portion of the trench backfilled in accordance with the finished roadway section.

**Measurement (New)**
Section 8-03.4

“2 In. Diam. Schedule 40 PVC Pipe”
“3 In. Diam. Schedule 40 PVC Pipe”
“4 In. Diam. Schedule 40 PVC Pipe”
“5 In. Diam. PVC 1120”

The unit price per linear foot for each of these four items shall include trenching, joining, all miscellaneous materials required, bedding, testing, backfill, compaction, labor, equipment and all other work necessary to complete the work.
“Connection to Existing Lateral Line”
The unit price per each includes all work and materials to connect from the new irrigation main to the existing irrigation system (privately owned) as shown on the Plans. Work includes but not limited to: trenching, joining, all miscellaneous materials, new gate valves (shut-off valves and drain valves), bedding, testing, backfill, compaction, labor, equipment and all other work necessary for complete installation. PVC pipe and irrigation valve boxes shall be paid under separate contract items.

“Connection to Existing Main Line”
The unit price per each includes all work and materials to connect the new irrigation main to the existing irrigation main at each location. Work includes time for visual inspection of operational connections, correction if necessary and final backfill.

“Irrigation Systems”
The lump sum price includes all work to provide and install irrigation lines for all irrigation systems/work not included in the items “Connection to Existing Lateral Line” and “Connection to Existing Main Line”. This work includes but is not limited to: trenching, joining, fittings, pipe, sprinkler heads, drain valves, valve boxes, zone wiring, control valves, shut-off valves, any miscellaneous materials required, bedding, testing, backfill, compaction and all other work necessary for complete installation.

Payment
Section 8-03.5 is supplemented with the following:

“Connection to Existing Lateral Line”, per each.
“Connection to Existing Water Line”, per each.
“Irrigation Systems”, per lump sum.

MONUMENT CASES

Construction Requirements
Section 8-13.3 is revised to read:

(******)
Monument cases and covers shall be installed by the Contractor after the final course of HMA has been placed. The locations of the new monument cases and covers shall be marked on the pavement by Douglas County. A 15-inch diameter hole shall be sawcut in the pavement for placement of the monument case. After setting the monument case, the roadway surface shall be patched in a workmanlike manner with HMA to a depth of 4 inches. The top of the monument case and cover and the HMA used for patching shall not be higher than the surrounding pavement or lower than ¼ inch. The monument pipe will be furnished and set by Douglas County. See standard plan detail “Monument Case and Cover” included in these plans.
DIVISION 9
MATERIALS

AGGREGATES

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

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

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

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

Delete Item 1 and replace it with the following:

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

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

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

STANDARD PLANS
(January 6, 2014)

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

The Standard Plans are revised as follows:

A-50.10
Sheet 2 of 2, Plan, with Single Slope Barrier, reference C-14a is revised to C-70.10
A-50.20
Sheet 2 of 2, Plan, with Anchored Barrier, reference C-14a is revised to C-70.10

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

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

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

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

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

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

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

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

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

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

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

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

C-22.16
Section B, callout, “5/8” x 2” LONG BUTTON HEAD BOLT WITH 7/32” OVAL GRIP, CUT WASHER, AND HEX NUT” is revised to read “5/8” x 2” LONG BUTTON HEAD BOLT WITH 7/32” OVAL GRIP, CUT WASHER, AND HEX NUT FOR STEEL POST OR 5/8” x 10” LONG BUTTON HEAD BOLT WITH 7/32” OVAL GRIP, CUT WASHER, AND HEX NUT FOR TIMBER POST”
C-23.60
Add General Note 7. “Posts shall match those of connecting run: timber or steel.”

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

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

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

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

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

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

C-75.20
Elevation, callout for premolded joint filler, revise ¼” to 3/8”, Note 1, revise ¼” to 3/8”.

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

C-75.30
Elevation, and Plan views, callout for premolded joint filler, revise ¼” to 3/8” ”, Note 1, revise ¼” to 3/8”.

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

C-80.10
The Welded Wire Reinforcing Substitution Option Table is deleted. The note, “Optional Substitutions to Welded Wire Reinforcements shall conform to Standard Specification Sections 6-10 and 9-07” is revised to read: “Steel Welded Wire Reinforcement Deformed, for Concrete may be substituted for reinforcing steel in accordance with Standard Specification 6-10.3.”
C-80.20
The Welded Wire Reinforcing Substitution Option Table is deleted. The note, “Optional Substitutions to Welded Wire Reinforcements shall conform to Standard Specification Sections 6-10 and 9-07” is revised to read: “Steel Welded Wire Reinforcement Deformed, for Concrete may be substituted for reinforcing steel in accordance with Standard Specification 6-10.3.”

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

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

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

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

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

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

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

F-10.12

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

F-10.64
Plan Title, Plan Title, Precast Concrete Dual Faced Sloped Mountable Curb is revised to read; “Precast Dual Faced Sloped Mountable Curb”
F-30.10
Sections, left side of sheet, (4 places), dimension, Sidewalk - 6’ – 0” MIN. (See Contract) is revised to read; “Sidewalk (See Contract)”
Section, top middle of sheet, dimension, Sidewalk – 6’ – 0” MIN. (See Contract) is revised to read; “Sidewalk (See Contract)”

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

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

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

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

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

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

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

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

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

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

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

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

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

J-20.10
Foundation Detail, callout, “½” diameter steel hex nut, with 1 ½” flat washer (2) each req’d per anchor bolt” is revised to read; ½” diameter steel heavy hex nut, with ½” flat washer (2) each req’d per anchor bolt

J-20.11
Sheet 1, View A, callout, “½” x 26” full thread ~ (4) required ½” hex nuts ~ (4) required per anchor bolt” is revised to read; “½” x 24” full thread ~ (4) required ½” heavy hex nuts ~ (4) required per anchor bolt

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

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

J-20.16
Elevation, callout, “1/4” Premolded Joint Filler” is revised to read; “3/8” Premolded Joint Filler”

Add General Note 9. “Junction Box serving the Standard shall preferably be located 5’ – 0” (10’ – 0” Max.) from the Standard.”
J-21.10
Sheet 1, Round Concrete Foundation Detail, Elevation, callout, “¾” hex nuts, steel, (4) Req’d. per Anchor Bolt” is revised to read; Anchor bolt ¾” x 30” full thread ~ (4) required ¾” heavy hex nuts, steel, (4) Req’d. per Anchor Bolt

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

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

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

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

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

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

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

J-29.16
Title, “Camera Pole Standard Details” is revised to read; “Camera Pole Details”

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

J-75.40
Detail C, callout– EQUIPMENT GROUNDING CONDUCTOR ~ CLAMP TO STEEL REINFORCING BAR, SIZE PER NEC MIN. SIZE # 8 is revised to read; EQUIPMENT GROUNDING CONDUCTOR ~ CLAMP TO STEEL REINFORCING BAR, SIZE PER NEC minimum size # 4 AWG
Detail C, callout – Stainless Steel, selftapping ¼” Diam. Screw w/ S.S. Washer, space approx. 9” O.C. is revised to read; “Stainless Steel, selftapping ¼” Diam. Screw w/ S.S. Washer, space approx. 9” O.C., liberally coat the threads with Anti-seize compound”

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

Is revised to read:

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

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

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

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

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

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

A-10.10-00........8/7/07  A-30.35-00........10/12/07  A-50.20-01........9/22/09
A-10.20-00........10/5/07  A-40.00-00........8/11/09  A-50.30-00........11/17/08
A-10.30-00........10/5/07  A-40.10-02........6/2/11  A-50.40-00........11/17/08
A-20.10-00........8/31/07  A-40.15-00........8/11/09  A-60.10-01........10/14/09
A-30.15-00........11/8/07  A-40.50-01........6/2/11  A-60.30-00........11/8/07
A-30.30-01........6/16/11  A-50.10-00........11/17/08  A-60.40-00........8/31/07
B-5.20-01........6/16/11  B-30.50-01........4/26/12  B-75.20-01........6/10/08
B-5.40-01........6/16/11  B-30.70-03........4/26/12  B-75.50-01........6/10/08
B-5.60-01........6/16/11  B-30.80-00........6/8/06  B-75.60-00........6/8/06
B-10.20-01........2/7/12  B-30.90-01........9/20/07  B-80.20-00........6/8/06
B-10.40-00........6/1/06  B-35.20-00........6/8/06  B-80.40-00........6/1/06
B-10.60-00........6/8/06  B-35.40-00........6/8/06  B-82.20-00........6/1/06
B-15.20-01........2/7/12  B-40.20-00........6/1/06  B-85.10-01........6/10/08
B-15.40-01........2/7/12  B-40.40-01........6/16/10  B-85.20-00........6/1/06
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M-80.30-00 | 6/10/08 |
**DOUGLAS COUNTY TRANSPORTATION AND LAND SERVICES**  
**DOUGLAS COUNTY SEWER DISTRICT**  
**EAST WENATCHEE WATER DISTRICT**

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**SPECIAL PROVISIONS FOR:**  
23rd STREET NE

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**CRP 939**

**Project No. EWW 213.122**  
**DCS 211.037.111**

**Spring 2014**

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<th>Douglas County Transportation and Land Services</th>
<th>RH2 Engineering, Inc</th>
</tr>
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<tr>
<td>Address: 140 19th Street N.W., Suite A</td>
<td>Address: 300 Simon Street SE, Suite 5</td>
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<tr>
<td>East Wenatchee, WA 98802</td>
<td>East Wenatchee, WA 98802</td>
</tr>
<tr>
<td>Phone: (509) 884-7173</td>
<td>Phone: (509) 886-6770</td>
</tr>
<tr>
<td>Contact: Mr. Doug Bramlette</td>
<td>Contact: Mr. Ryan Peterson, P.E.</td>
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</table>

| East Wenatchee Water District |  
|-------------------------------|---|
| Address: 692 Eastmont Avenue  |  
| East Wenatchee, WA 98802      |  
| Phone: (509) 884-3569         |  
| Contact: Mr. Greg Brizendine  |  

| Douglas County Sewer District |  
|-------------------------------|---|
| Address: PO Box 7129          |  
| 692 Eastmont Avenue           |  
| East Wenatchee, WA 98802      |  
| Phone: (509) 884-2484         |  
| Contact: Ms. Bernita Landers  |  

SPECIAL PROVISIONS FOR:
23rd STREET NE

CRP 939

Project No. EWW 213.122
DCS 211.037.111

Spring 2014

THE CONTENT OF THIS DOCUMENT, AS A MEANS OF PROFESSIONAL SERVICE, IS PROTECTED BY 17 U.S.C. § 101, ET SEQ. AS SUCH, IT SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT OR PURPOSE WITHOUT WRITTEN AUTHORIZATION FROM RH2 ENGINEERING. © 2014 RH2 ENGINEERING, INC.

Signed: 4/7/2014
Signed: 4/7/2014
Special Provisions to the
WSDOT/APWA Standard Specifications
For Domestic Water and Sanitary Sewer Construction

1-04.1(2) Bid Items Not Included in the Proposal
Replace this section in its entirety with the following.
All work that is shown on the plans, described in the specifications, or necessary to complete
the work by standard industry practices shall be included the Contractor’s bid price in the
most closely applicable bid item.

GSP 1-04.2 Coordination of Contract Documents
This section is supplemented with the following
The East Wenatchee Water District and Douglas County Sewer District Standard Details
take precedence over the WSDOT Standard Specifications and Standard Plans.

1-06.2(1)A Compaction Testing
This section is NEW
The Owner will perform special inspections including visual inspection, probing of subgrade
and testing of compaction effort (nuclear densometer).

Areas where fill (either native or non-native) is being placed shall be tested for compaction
compliance by a special inspector. The Owner will pay for the initial testing. If tests indicate
failure of compaction requirements, the Contractor shall pay for subsequent tests until tests
indicate compliance with the specifications. Areas of native undisturbed subgrade shall be
visually inspected by the Engineer prior to placement of any material overtop. The
Contractor shall coordinate with the Engineer a minimum of 48 hours prior to inspection
being needed.

Utility trench testing will occur at the following locations at a minimum:
• One test within 30 feet of the start of the trench
• One test every 1,000 feet or at road intersections, whichever comes first
• One test whenever soil conditions change, per the direction of the Owner

The Contractor shall schedule with the Engineer for visual and probe review of earthwork
activity. Contractor shall schedule with Engineer and special inspection agency for nuclear
densometer testing. Results of the tests shall be delivered to the Owner and Engineer. If
testing and review is required for roadway owned by others, copies of testing results shall
also be provided to the roadway agency if different from the project Owner.

1-07 LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC

1-07.17 Utilities and Similar Facilities
This section is SUPPLEMENTED with the following:
Locations and dimensions shown on the plans for existing utilities are in accordance with
available information obtained without uncovering, measuring or other verification. Depths,
when shown, as are commonly expected for utilities unless surveyed. No guarantee is made
or implied on the location of utilities that were not exposed and measured.
The Contractor should expect to find live private irrigation systems along the project alignment. Avoidance or repair of any systems located at the time of bid shall be included in the Contractor’s bid price. Should any irrigation systems be damaged during construction, they shall be repaired by the end of that working day by the Contractor. The Contractor shall have a dewatering pump available at all times to clear the trench should an irrigation line be damaged. Should the new work be filled with water due to failure of the Contractor to use a pipe plug, no payment will be made for cleaning of the new work.

1-08.0(3) Reimbursement for Overtime Work of Contracting Agency Employees

Where the Contractor elects to work on a Saturday, Sunday, or holiday, or longer than an 8-hour work shift on a regular working day, as defined in the Standard Specifications, such work shall be considered as overtime work. Alternately, a standard work week may be defined as 10-hours a day, 4-days a week, so all time in excess of 10-hours will be considered overtime. On all such overtime work an inspector will be present, and a survey crew may be required at the discretion of the Engineer. In such case, the Contracting Agency may deduct from amounts due or to become due to the Contractor for the costs in excess of the straight-time costs for employees of the Contracting Agency required to work overtime hours.

The Contractor by these specifications does hereby authorize the Engineer to deduct such costs from the amount due or to become due to the Contractor.

If these non-standard working times are specifically identified elsewhere in this contract as an integral part of the Owner defined schedule or identified as allowable, said overtime charges will not apply.

1-08.4 Notice to Proceed and Prosecution of the Work

The existing mains and appurtenances are to remain live through construction except for temporary outages to make connections. All existing mains and appurtenances being replaced shall be abandoned or removed by the Contractor by the end of the project.

No customer may be out of service for longer than 8-hours at a time. The outage may only occur between 8:00 am and 5:00 pm.

1-09 MEASUREMENT AND PAYMENT

1-09.6 Force Account

If this contract includes bid items with fixed Force Account prices, all schedule related impacts including but not limited to delays, interruptions and equipment standby associated with Force Account work up to 125% of the total Force Account bid item cost shown in the proposal shall be included in the other contract pay items. No additional adjustments will be made.

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.

2-07 WATERING

2-07.2 Watering for Compaction
This is a NEW section.
Contractor shall provide watering as necessary to achieve optimal moisture content for compaction. Cost for watering shall be incidental to the contract. The Contractor shall coordinate with the water purveyor to provide a meter setup for construction water, if a source is available. The maximum flow rate allowed from this meter may be restricted at the purveyor’s discretion. The Contractor is responsible for protection of the meter assembly from theft, vandalism, damage, and freezing.

7-08 GENERAL PIPE INSTALLATION REQUIREMENTS

7-08.3(1)A Trenches
This section is SUPPLEMENTED with the following:
Contractor shall pothole ahead of pipe-laying a sufficient distance at utility crossings and where noted on the plans to allow room to make vertical adjustments as necessary to avoid existing utilities. Should the Contractor fail to pothole identified utility crossings, any subsequent adjustments necessary shall not be cause for cost or time claim. If the area potholed is in a travelled area and will be reopened to traffic more than one day in advance of pipelaying through the zone, the hole shall be patched with hot or cold mix, the cost of which shall be incidental.

Any crossing utilities shown on the plans shall be potholed with the cost incidental to the project.

If the utility is not found on the first pothole attempt, the Contractor must get prior approval from the Owner prior to making further attempts. No payment will be made for further attempts that have not been approved. If the utility is not found at the depth shown on the plans or as is typical for the type of utility, exploration shall continue an additional 3 feet horizontal and no more than 1 foot below the proposed base of trench with the cost incidental to the work.

7-08.3(1)C Bedding the Pipe
This section is SUPPLEMENTED with the following:
Excess excavated material that is acceptable for bedding must be stockpiled for use on other portions of the project where local native material is not suitable.

7-08.3(2)B Pipe Laying - General
This section is SUPPLEMENTED with the following:
All non-metallic pipe, including service and air valve lines, shall include a tracer wire taped every 5 feet to the pipe. Wrap wire around pipe 3-inch diameter and smaller. Loop tracer wire to the surface in accessible locations such as valve boxes, meter vaults, or other surface access. Wire shall be solid UF, 12AWG.

Keep openings in pipe closed during the progress of work. Install plugs to prevent water and debris from entering pipe. No payment will be made to clean pipes.
Install detectable marker tape located 12 to 18 inches above all sanitary sewer mains and side sewers. Tape color and labeling shall be as appropriate for the type of utility.

7-08.3(3) Backfilling
This section is SUPPLEMENTED with the following:
Trenches shall be backfilled to a safe depth by the end of each day. If the surface requires reestablishment of traffic prior to final restoration, Contractor shall confirm with the transportation agency what method of temporary patching is acceptable. If temporary crushed rock surfacing is approved by the agency for longitudinal trenching, the upper trench section shall be backfilled with a minimum of 6" depth crushed rock as necessary for traffic. Any temporary patching and continuing maintenance of patching shall be incidental to the work and no additional payment shall be made.

If there is excess of trench backfill material obtained from trench excavation at one location on the project, it shall be used at other locations (if approved by the Engineer) or disposed of. The cost of transporting and wasting this material shall be considered incidental to the project.

7-08.3(4) Plugging Existing Pipe
This section is SUPPLEMENTED with the following:
All existing non-functional pipes 3-inch and larger, regardless of original purpose, cut or broken during the course of construction shall be plugged.

7-08.3(5) Pipe Crossing Existing Utilities
This section is NEW:
Where a pipe crosses an existing utility with less than 6-inches of clearance, a sand or foam cushion acceptable to the engineer shall be placed between the utilities. This work shall be included in the various contract bid prices, no separate payment will be made.

7-08.4 Measurement
Paragraph 3 is REPLACED with the following:
The actual number of existing non-functional pipes in the project vicinity is unknown. Plugging ten or less cut ends, regardless of size, shall be incidental to other bid items. Any ends that need plugging over the quantity of ten shall be paid for by force account. Time to procure concrete shall be incidental and no extra payment made.

7-08.5 Payment
This section is SUPPLEMENTED with the following:
“Plugging Existing Pipe”
The cost for plugging water mains abandoned during this project is to be included in the Abandonment of Terminated Water Facilities bid item.

“All costs for structure excavation class B shall be included in the unit contract price for the various bid items included in this contract. No separate payment.

“Shoring or Extra Excavation Class B”, lump sum.
Quantity and type of shoring or extra excavation required shall be determined by the contractor.
7-09 WATER MAINS

7-09.2 Materials
*REPLACE the first sentence of paragraph 2 with the following:*
If requested by the Owner, the pipe manufacturer shall test all pipe and fittings as required by these Standard Specifications and the standards referenced.

7-09.3(3) Clearing and Grubbing in Ungraded Streets
*This section is SUPPLEMENTED with the following:*
Ungraded streets includes unimproved areas.

*REPLACE the last sentence with the following:*
Such material shall be disposed of by the Contractor and included in the bid price.

7-09.3(5) Grade and Alignment
*REPLACE the first sentence of the third paragraph with the following:*
The depth of trenching for the water main shall be as shown on the purveyor’s standard trench detail, unless superseded on the plan or profile drawings.

7-09.3(7) Trench Excavation
*REPLACE the third sentence of the second paragraph with the following:*
Trench shall be excavated to a sufficient width to allow for pipe installation, compaction equipment, and shoring when necessary.

7-09.3(9) Bedding the Pipe
*REPLACE the first two sentences with the following:*
See Owner's Standard Trench Detail. Owner’s Inspector shall determine if native materials are acceptable for use as bedding. Bedding shall meet the following gradation or as approved by the Owner’s Inspector.

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<tr>
<th>Sieve Size</th>
<th>% Passing by weight</th>
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<tr>
<td>U.S. No. 4</td>
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<td>U.S. No. 40</td>
<td>3-24</td>
</tr>
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<td>U.S. No. 200</td>
<td>10.0 max</td>
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<tr>
<td>Sand equivalent</td>
<td>35 min</td>
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Bedding for restrained joint pipe must be a well graded cohesive material with fines. Rounded gravels are not acceptable.

7-09.3(15)A Laying Pipe on Curves-Ductile Iron Pipe
*REPLACE the last sentence of the first paragraph with the following:*
The amount of deflection at each pipe joint when pipe is laid on a horizontal or vertical curve shall not exceed 3 degrees per joint (11 inches over 18 feet) or the manufacturer’s printed recommended deflections, whichever is less.

7-09.3(19)A Connections to Existing Mains
*This section is SUPPLEMENTED with the following:*
Provide 48 hour notice to Owner prior to making connections. Connections to existing mains may only be performed on Tuesdays, Wednesdays or Thursdays unless permission is
otherwise obtained from the Owner. Connections shall not be performed on Owner recognized holidays.

Connections will not be made until the new main has been tested, and approved by the Engineer. An approved double check valve must be used between existing potable water sources and the new work. The Contractor shall size the double check valve as appropriate for the filling and flushing rates needed.

Owner will notify customers no less than 24 hours in advance of service interruption.

Flanged Epoxy Adapters shown on the plans are a FLxPE steel spool, epoxy or powder coated inside and out. Steel pipe is to be nominal O.D. size (e.g. 6” = 6.0” O.D.). Coating shall be NSF61 approved.

7-09.3(21) Concrete Thrust Blocking
This section is SUPPLEMENTED with the following:
Concrete shall not be poured around joints. All fittings to be blocked shall be wrapped with 4-mil polyethylene plastic.

Precast concrete blocking is allowed. The surface area of the block must be no less than shown in the Owner’s Standard Detail for horizontal thrust blocking. Backfill behind the block must be crushed surfacing, watered and mechanically compacted.

Precast blocks shall be ecology-block style or as fabricated by H2 Precast using their EWWD specifications.

7-09.3(22) Blowoff Assemblies
This section is SUPPLEMENTED with the following:
Temporary (construction) blowoff assemblies shall be provided as shown on the plans and as required for testing and flushing and shall be incidental to the contract. No separate payment will be made for temporary blowoff assemblies.

7-09.3(23) Hydrostatic Pressure Test
REPLACE the first sentence with the following:
All water mains and appurtenances (hydrants, service lines, etc) shall be tested in sections of convenient length, under a hydrostatic pressure equal to 250 psi, unless otherwise directed by the Owner's Inspector.

Supplement this section as follows:
The following test method will be used unless otherwise directed by the Owner’s Inspector. Length of time for test will be 60 minutes or at the discretion of the Owner’s Inspector. Pressure drop shall not exceed 5 psi during a 60 minute period, regardless of water loss quantity. Owner Inspector shall have the authority to require more stringent criteria if he determines that field conditions warrant such measures.

Valve clusters shall be assembled outside of the trench and pressure tested separately prior to installation. All valves which will be installed on or adjacent to existing water mains shall be pre-tested on both sides of the closed valve seat with zero pressure loss. Failing valves shall be replaced at the Contractor’s expense.
Pressure gauges shall be in good working order and scaled appropriately for the test. Scale range shall not exceed 160% of the test pressure. For example, for a 250 psi test, the gauge scale shall not exceed $1.6 \times 250 = 400$ psi. The Owner has the right to reject any gauges that are suspect in their accuracy.

Sections of pipe that cannot be pressure tested, such as connections to the existing system, shall be left exposed for a visual inspection under system pressure.

**7-09.3(24)A Flushing**
*This section is SUPPLEMENTED with the following:*
The following table shows minimum sizes for flushing, assuming at least 40 psi is available on the supply side and less than 20 feet of hose is used.

<table>
<thead>
<tr>
<th>Main size</th>
<th>Flow at 2.5 fps</th>
<th>Blow-off and backflow device size</th>
<th>Hydrant ports (20 ft or less of hose)</th>
<th>Hydrant ports (up to 100 ft of hose)</th>
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</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>400 gpm</td>
<td>(1) 2&quot;</td>
<td>(1) 2.5&quot;</td>
<td>(2) 2.5&quot;</td>
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**7-09.3(25) Abandonment of Terminated Water Facilities**
*The following section is NEW.*
All water mains, hydrants, valves, valve boxes, meter boxes and services terminated during the course of the project shall be removed and/or abandoned in accordance with East Wenatchee Water District Standard Detail W-15.

**7-09.4 Measurement**
*This section is SUPPLEMENTED with the following:*
Trench pay width shall be as shown on the Owner’s Standard Detail. No additional payment will be made for excavation and backfill of trench widths beyond these pay limits (nor for related quantities such as bedding, paving, crushed rock, import backfill, rock excavation, etc.) unless extra trench width has been specifically directed by the Owner’s Inspector.

**SUPPLEMENT the fourth paragraph with the following sentence:**
Measurement of boulders shall be based on the average dimensions of each rock, not on maximum dimensions.

**The following paragraph is NEW.**
Plugging pipes [see 7-08.3(4) and 7-08.4] shall be included in the Abandonment of Terminated Water Facilities bid item.

**The following paragraph is NEW.**
Measurement for Connections to Existing System shall include all work shown on the plans identified by the note “Connection Bid Item”. Fittings, fasteners, blocking, restraints, miscellaneous materials, pipe 4-inch diameter and smaller, dewatering, labor and equipment shall be included in the price. Pipe 6-inch diameter and larger that is within this identified area shall be included in the appropriate “Pipe for Water Main” bid item. Valves larger than 2-inch shall be paid for under the appropriate valve bid item. Standby time for draining the existing mains and dewatering shall be included in this price.

**The following paragraph is NEW.**
“Casing Sleeve for Water Main, ___ In. Diam.”, per lineal foot
Unit price includes all work and materials to provide and install sleeves around the mains where shown on the plans. Price includes runners and end seals.

7-09.5 Payment

REPLACE the following sections in their entirety:

__ Pipe for Water Main __ In. Diam”, per linear foot
The unit contract price for each size and kind of pipe shall be full pay for all work to complete the installation of the water main including but not limited to pavement saw cutting; excavation; bedding; providing and installing pipe, fittings and thrust restraint; backfill; encasement (where shown on the plans); testing; flushing (including dechlorination); disinfecting; and cleanup. Price includes any surface restoration not specifically identified in other bid items.

This section is SUPPLEMENTED with the following:

“Abandonment of Terminated Water Facilities”, lump sum. Payment shall be full reimbursement for all work and materials necessary to abandon terminated water facilities. Also included is the cost to remove and dispose of any temporary water systems.

“Connections to existing system”, per each. Payment shall be for connecting the new water system to the existing water system. Included in the price shall be all thrust restraint, coordination with water purveyor, excavation, line cutting and draining, bedding, backfill, pipe (4-inch diameter and smaller) and fittings between proposed main and existing main, disinfection, restoration, and all other work necessary for a complete connection.


7-12 VALVES FOR WATER MAINS

7-12.3(2) Adjust Valve Box

The following section is NEW.

All existing water valves that will remain active at project completion within any road improvement area shall have their valve box adjusted to finished grade. Any existing valve box components that are broken shall be replaced. If a valve box is blocked with debris, the Contractor shall remove such debris leaving the valve installation in a fully operable condition.

The Contractor shall maintain existing valve boxes at all times to allow the Purveyor access for operation.

7-12.5 Payment

REPLACE the last sentence with the following:

The unit contract price per each for the valve specified shall be full pay for all work to furnish and install the valve complete in place on the water main, including trenching, joining, blocking of valve, painting, disinfecting, hydrostatic testing, valve box and accessories, crushed rock backfill, and operator extension if required.
This section is SUPPLEMENTED with the following:
“Adjust Valve Box”, per each. The unit contract price per each shall be full pay for all work to adjust existing valve boxes to grade, including providing and installing any risers, adapters or lids necessary for a complete assembly and clearing any obstructed boxes of debris.

7-14 HYDRANTS

Throughout this section, replace the words “Standard Plans” with “Purveyor’s Standard Details”.

7-14.1 Description
This section is SUPPLEMENTED with the following:
Refer to Purveyor’s Standard Detail for additional requirements.

7-14.3(1) Setting Hydrants
This section is SUPPLEMENTED with the following:
Contractor shall verify required hydrant bury depth for each individual hydrant location prior to ordering hydrants. Bury depth may vary along the project based on topography and water main depth.

7-14.3(2)C Hydrant Guard Post
The first sentence is REPLACED with the following:
Hydrant guard posts are not required.

7-14.3(6) Hydrant Extensions
This section is SUPPLEMENTED with the following:
Contractor shall determine correct bury depth for ordering hydrants. Hydrant extensions shall be incidental to the contract. No additional payment will be made.

7-15 SERVICE CONNECTIONS

7-15.2 Materials
REPLACE this section in its entirety.
Refer to Purveyor’s Standard Details for construction materials.

7-15.3 Construction Requirements
REPLACE the first two sentences with the following:
All service connections to water mains shall be made using saddles as shown on the Purveyor’s Standard Details. Direct taps are not allowed.

REPLACE the first sentence of the second paragraph with the following:
The depth of trenching for service connection piping shall provide a minimum of 3.5 feet of cover over the top of the pipe.

REPLACE the first sentence of the fourth paragraph with the following:
All existing service connections along the project route shall be reconnected to the new main, unless specifically identified otherwise on the plans or directed otherwise by the Owner’s Inspector.
This section is SUPPLEMENTED with the following:

Restore all disturbed surfaces to original conditions or better, including that on private property. Landscaping shall be restored to original condition. Water service shall be maintained at all times except when temporary outages are approved by the Purveyor.

7-15.4 Measurement
This section is SUPPLEMENTED with the following:

Surface restoration shall be incidental to the unit price unless specifically identified under other bid items. Surface restoration includes, but is not limited to: crushed rock; sidewalks; driveways; landscaping; signage; and any other existing surface improvements disturbed during construction.

Connection of the service on the customer side of the vault is incidental to the various Service Connection pay items if the connection point is within 10 feet the vault. The water purveyor will relocate the existing flow meter to the new setter.

7-15.5 Payment
REPLACE the pay item in its entirety with the following:

“Service Connection ___ In. Diam.”, per each
The unit contract price per each for “Service Connection ___ In. Diam.” shall be full pay for all work to install the service connection, including but not limited to: pavement and concrete saw cutting; excavating; furnishing and installing all pipe, fittings, valves, setters, saddles and appurtenances, meter vault and lid; tapping the main; connecting to the existing service line on the customer side; backfilling; surface restoration; testing; flushing, disinfection of the service connection; and all other work necessary for a complete service connection.

“Double Service Connection ___ In. Diam.”, per each
The unit contract price per each for “Double Service Connection.” shall be full pay for all work to install the double service connection, including but not limited to: pavement and concrete saw cutting; excavating; furnishing and installing all pipe, fittings, valves, setters, saddles and appurtenances, meter vault and lid; tapping the main; connecting to the existing service lines on the customer side; backfilling; surface restoration; testing; flushing, disinfection of the service connections; and all other work necessary for a complete double service connection.

“Service Line Extension”, per foot
The unit contract price per foot shall be full pay for all work to install the water service line on the customer side of the meter chamber, if the connection point is more than 10 feet away from the chamber. The first 10 feet shall be included in the service connection bid item. Price includes but not limited to: pavement cutting; excavating; furnishing and installing all pipe, fittings, backfilling; surface restoration; and all other work necessary for a complete service connection. Unit price is the same for all sizes of service pipe 2-inch and smaller.

7-17 SANITARY SEWERS

7-17.2 Materials
This section is SUPPLEMENTED with the following:

Pipe for gravity sanitary sewer shall be Solid Wall PVC Sanitary Sewer Pipe.
7-17.3(1)A Sewer Connections, Transfers and Abandonment
This section is NEW:
Customer outages are only allowed with the approval of the Sewer Purveyor.

The Contractor shall give the Owner notice no less than 48 hours prior to any system outage.

The Contractor shall give customers whose service may be disrupted no less than 24-hour nor more than 48-hour notice prior to the interruption. Work on live side sewers shall not occur on a Friday or a day before a holiday.

All connections shall be left uncovered until after inspection by the Owner.

7-18 SIDE SEWERS

7-18.1 Description
This section is SUPPLEMENTED with the following:
The Purveyor’s details take precedent over DOT Standard Details and Specifications.

7-18.5 Payment
This section is SUPPLEMENTED with the following:
“Side Sewer Extension”, per lineal foot.
Cost includes all work and materials to extend existing unused side sewers beyond the road improvements as shown on the plans.

7-19 SEWER CLEANOUTS

7-19.1 Description
This section is SUPPLEMENTED with the following:
The Purveyor’s details take precedent over DOT Standard Details and Specifications.

7-19.5 Payment
This section is SUPPLEMENTED with the following:
“Sewer Cleanout”, per each.
Cost includes all work and materials to remove and terminate existing cleanouts where they fall within proposed road improvements and construct a new cleanout at the property line. All side sewer extensions shall include a sewer cleanout. Do not reuse any cleanout components removed.

9-05 DRAINAGE STRUCTURES, CULVERTS, AND CONDUITS

9-05.12(1) Solid Wall PVC Culvert Pipe, Solid Wall PVC Storm Sewer Pipe, and Solid Wall PVC Sanitary Sewer Pipe
This section is supplemented with the following.
PVC pipe for sanitary sewer gravity pipe shall be solid green throughout the entire resin.
PVC pipe for sanitary sewer shall be minimum SDR 26

9-30 WATER DISTRIBUTION MATERIALS

9-30.1 Pipe
This section is SUPPLEMENTED with the following:
Only domestic made ductile iron and steel pipe and fittings are allowed. Pipe and fittings larger than 2 inch shall be of Ductile Iron construction, unless otherwise shown on the plans or details.

9-30.1(1) Ductile Iron Pipe
This section is SUPPLEMENTED with the following:
All pipe shall have a wall thickness at least equal to Class 50 unless a higher Class is shown on the plans or details. Pipe for fire hydrant runs shall have a wall thickness at least equal to Class 52.

9-30.1(7) Casing Pipe
This section is NEW:
Pipe for casing of watermain when shown on the plans or directed by the District due to proximity to sanitary sewer or irrigation to be either SDR 26 (160 psi) PVC, 3/16” wall steel, CL 50 DI, or DR 13.5 (160 psi) HDPE.

9-30.2 Fittings
This section is SUPPLEMENTED with the following:
Steel bolts, nuts and washers shall be zinc plated. Flange bolts to be Grade B.

9-30.2(1) Ductile Iron Pipe
This section is SUPPLEMENTED with the following:
All gaskets for flanged fittings shall be ring type. Full face type gaskets are not allowed. Gaskets must be minimum 1/8” thick.

9-30.2(6) Restrained Joints
REPLACE the first sentence with the following:
Refer to Owner’s Standard Detail for acceptable restrained joint systems. Bolted systems are not allowed.

9-30.3 Valves

9-30.3(4) Valve Boxes
This section is SUPPLEMENTED with the following:
Refer to Owner’s Standard Detail for additional requirements.

9-30.3(5) Valve Marker Posts
REPLACE this section in its entirety.
Refer to Owner’s Standard Detail.

9-30.3(6) Valve Stem Extensions
This section is SUPPLEMENTED with the following:
Refer to Owner’s Standard Detail for additional requirements.

9-30.6 Water Service Connections

9-30.6(1) Saddles
REPLACE this section in its entirety.
Refer to Owner’s Standard Details.
9-30.6(3)B Polyethylene Tubing
REPLACE this third paragraph with the following.
   Tubing used for 2 inch and smaller shall be SDR9 CTS (copper tube size).

9-30.6(4) Service Fittings
This section is SUPPLEMENTED with the following:
   Fittings for polyethylene tubing shall utilize Ford Grip-Tite, Mueller 110, or approved equal.
   Pack-joints are not allowed.

9-30.6(5) Meter Setters
REPLACE this section in its entirety.
   Refer to Owner’s Standard Details.

9-30.6(7) Meter Boxes
REPLACE this section in its entirety.
   Refer to Owner’s Standard Details.
PART FIVE

STATE WAGE RATES
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: 5/1/2014

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4/14/2014
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<td>7A</td>
<td>3C</td>
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<td>Douglas</td>
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<td>Shovel, Excavator, Backhoe: Over 90 Metric Tons</td>
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<td>Tower Bucket Elevators</td>
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<td>Tower Crane Over 175'in Height, Base To Boom</td>
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<td>7A</td>
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<td>Tower Crane Up To 175' In Height Base To Boom</td>
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<td>Transporters, All Track Or Truck Type</td>
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<td>Truck Crane Oilier/driver - 100 Tons And Over</td>
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<td>Yo Yo Pay Dozer</td>
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<td>Power Equipment Operators- Underground Sewer &amp; Water</td>
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<td>Power Equipment Operators-</td>
<td>Barrier Machine (zipper)</td>
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4/14/2014
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<th>Equipment Operators: Underground Sewer &amp; Water</th>
<th>Description</th>
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<td>Batch Plant Operator, Concrete</td>
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<td>Brokk - Remote Demolition Equipment</td>
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<td>Concrete Pump: Truck Mount With Boom Attachment Over 42 M</td>
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<td>Concrete Finish Machine -laser Screed</td>
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<td>Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure.</td>
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<td>7A</td>
<td>3C</td>
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<td>Concrete Pump: Truck Mount With Boom Attachment Up To 42m</td>
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<td>Douglas Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Cranes: 20 Tons Through 44 Tons With Attachments</td>
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<td>7A</td>
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<td>8P</td>
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<tr>
<td>Douglas Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Cranes: 100 Tons Through 199 Tons, Or 150’ Of Boom (Including Jib With Attachments)</td>
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<td>7A</td>
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<td>Douglas Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Cranes: 200 Tons To 300 Tons, Or 250’ Of Boom (including Jib With Attachments)</td>
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<tr>
<td>Douglas 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>7A</td>
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<td>Douglas Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Cranes: A-frame - 10 Tons And Under</td>
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<td>7A</td>
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<td>Cranes: Friction 100 Tons Through 199 Tons</td>
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<td>7A</td>
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<tr>
<td>Douglas Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Cranes: Over 300 Tons Or 300’ Of Boom (including Jib With</td>
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<td>Attachments</td>
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<td>Douglas</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons</td>
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<td>Crusher</td>
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<td>Deck Engineer/deck Winches (power)</td>
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<td>3C</td>
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<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Dozers D-9 &amp; Under</td>
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<td>7A</td>
<td>3C</td>
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<tr>
<td>Douglas</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Drill Oilers: Auger Type, Truck Or Crane Mount</td>
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<td>7A</td>
<td>3C</td>
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<td>Douglas</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Drilling Machine</td>
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<td>Elevator And Man-lift: Permanent And Shaft Type</td>
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<td>7A</td>
<td>3C</td>
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<td>Douglas</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Finishing Machine, Bidwell And Gamaco &amp; Similar Equipment</td>
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<td>Forklift: 3000 Lbs And Over With Attachments</td>
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<tr>
<td>Douglas</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. &amp; Over</td>
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<td>3C</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>Oil Distributors, Blower Distribution &amp; Mulch Seeding Operator</td>
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<td>Douglas</td>
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<td>Overhead, Bridge Type: 100 Tons And Over</td>
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<td>Overhead, Bridge Type: 45 Tons Through 99 Tons</td>
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<td>Quick Tower - No Cab, Under 100 Feet In Height Based To Boom</td>
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<td>Roller, Other Than Plant Mix</td>
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<td>Saws - Concrete</td>
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<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Scraper, Self Propelled Under 45 Yards</td>
<td>$53.00</td>
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<td>Douglas</td>
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<td>Scrapers - Concrete &amp; Carry All</td>
<td>$52.58</td>
<td>7A</td>
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<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons.</td>
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<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons</td>
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<td>Douglas</td>
<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Shovel, Excavator, Backhoes: Over 90 Metric Tons</td>
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<td>Tower Crane Over 175' in Height, Base To Boom</td>
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<td>7A</td>
<td>3C</td>
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<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Tower Crane Up To 175' In Height Base To Boom</td>
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<td>Power Equipment Operators: Underground Sewer &amp; Water</td>
<td>Truck Crane oiler/driver - 100 Tons And Over</td>
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<td>3C</td>
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<td>Code 2</td>
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<td>Truck Crane Oiler/driver Under 100 Tons</td>
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<td>Yo Yo Pay Dozer</td>
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<td>Douglas</td>
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<td></td>
<td>Journey Level</td>
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<td>Journey Level (Field or Shop)</td>
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<td>Sheet Metal Workers</td>
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<td>Sign Makers &amp; Installers (Non-Electrical)</td>
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<td>Douglas</td>
<td>Soft Floor Layers</td>
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<td>Street And Parking Lot Sweeper Workers</td>
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<td>Hole Digger/Ground Person</td>
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<td>Television Lineperson/Installer</td>
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4/14/2014
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<th>Journey Level</th>
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<td>Dump Truck</td>
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<td>Well Driller</td>
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Overtime Codes

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

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

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

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

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

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

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

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

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

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

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

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

M. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
Benefit Code Key – Effective 3-5-2014 thru 8-30-2014

I. 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.

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.

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

A. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at time and one-half the straight time rate. Hours worked over twelve hours (12) in a single shift and all work performed after 6:00 pm Saturday to 6:00 am Monday and holidays shall be paid at double the straight time rate of pay. Any shift starting between the hours of 6:00 pm and midnight shall receive an additional one dollar ($1.00) per hour for all hours worked that shift. The employer shall have the sole discretion to assign overtime work to employees. Primary consideration for overtime work shall be given to employees regularly assigned to the work to be performed on overtime situations. After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

B. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
3. C. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays shall be paid at double the hourly rate of wage. After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

D. All hours worked between the hours of 6:00 pm and 6:00 am, Monday through Saturday, shall be paid at a premium rate of 15% over the hourly rate of wage. All other hours worked after 6:00 am on Saturdays, shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

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

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

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

I. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. In the event the job is down due to weather conditions during a five day work week (Monday through Friday) or a four day ten hour work week (Tuesday through Friday) then Saturday may be worked as a voluntary make-up day at the straight time rate. However, Saturday shall not be utilized as a make-up day when a holiday falls on Friday. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

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

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

**Holiday Codes**


**Holiday Codes Continued**


6.  


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

7.  

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

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

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

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

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

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


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.

Supplemental to Wage Rates
03/05/2014 Edition, Published February 5th, 2013
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,</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>and bi-directional vaned grates for Catch Basin Types 1, 1L, 1P, and 2 and</td>
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<tr>
<td>Concrete Inlets. See Std. Plans</td>
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<tr>
<td>2. Metal circular frames (rings) and covers, circular grates,</td>
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<td>X</td>
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<tr>
<td>and prefabricated ladders for Manhole Types 1, 2, and 3, Drywell Types 1, 2, and</td>
<td></td>
<td></td>
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<tr>
<td>3 and Catch Basin Type 2. See Std. Plans</td>
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<tr>
<td>3. Prefabricated steel grate supports and welded grates, metal frames and dual</td>
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<td>X</td>
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<tr>
<td>vaned grates, and Type 1, 2, and 3 structural tubing grates for Drop Inlets. See</td>
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<tr>
<td>Std. Plans</td>
<td></td>
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<tr>
<td>4. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to</td>
<td>X</td>
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<tr>
<td>5 sizes smaller than 60 inch diameter.</td>
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<tr>
<td>5. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to</td>
<td>X</td>
<td></td>
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<tr>
<td>5 sizes larger than 60 inch diameter.</td>
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<tr>
<td>6. Corrugated Steel Pipe - Steel lock seam corrugated pipe for culverts and</td>
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<td>X</td>
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<tr>
<td>storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, 1</td>
<td></td>
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<tr>
<td>thru 5.</td>
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<tr>
<td>7. Corrugated Aluminum Pipe - Aluminum lock seam corrugated pipe for culverts</td>
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<tr>
<td>and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated,</td>
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<td>#5.</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>8. Anchor Bolts &amp; Nuts - Anchor Bolts and Nuts, for mounting sign structures, luminaries and other items, shall be made from commercial bolt stock. See Contract Plans and Std. Plans for size and material type.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>9. Aluminum Pedestrian Handrail - Pedestrian handrail conforming to the type and material specifications set forth in the contract plans. Welding of aluminum shall be in accordance with Section 9-28.14(3).</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>10. Major Structural Steel Fabrication - Fabrication of major steel items such as trusses, beams, girders, etc., for bridges.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>11. Minor Structural Steel Fabrication - Fabrication of minor steel items such as special hangers, brackets, access doors for structures, access ladders for irrigation boxes, bridge expansion joint systems, etc., involving welding, cutting, punching and/or boring of holes. See Contact Plans for item description and shop drawings.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>12. Aluminum Bridge Railing Type BP - Metal bridge railing conforming to the type and material specifications set forth in the Contract Plans. Welding of aluminum shall be in accordance with Section 9-28.14(3).</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>13. Concrete Piling—Precast-Prestressed concrete piling for use as 55 and 70 ton concrete piling. Concrete to conform to Section 9-19.1 of Std. Spec..</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>14. Precast Manhole Types 1, 2, and 3 with cones, adjustment sections and flat top slabs. See Std. Plans.</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>15. Precast Drywell Types 1, 2, and with cones and adjustment Sections. See Std. Plans.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
</tr>
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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>
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<tr>
<td>See Std. Plans</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>
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<tr>
<td>20. Metal frames, vaned grates, and hoods for Combination Inlets.</td>
<td></td>
<td>X</td>
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<tr>
<td>See Std. Plans</td>
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<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.</td>
<td></td>
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<tr>
<td>See Contract Plans for size and construction requirements. Shop drawings</td>
<td></td>
<td></td>
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<tr>
<td>are to be provided for 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</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>or may also be used as Temporary Concrete Barrier. Only new state approved</td>
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<tr>
<td>barrier 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</td>
<td></td>
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</tr>
<tr>
<td>methods and materials to be used.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>See Shop Drawing.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fabrication at other locations may be approved, after facilities</td>
<td></td>
<td></td>
</tr>
<tr>
<td>inspection, contact HQ. Lab.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26. Precast Concrete Walls - Precast Concrete Walls - tilt-up wall panel in</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>size and shape as shown in Plans. Fabrication plant has annual approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>for methods and materials to be used</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>---------------------------------------------------------------------------------</td>
<td>-----</td>
<td>----</td>
</tr>
<tr>
<td>27. Precast Railroad Crossings - Concrete Crossing Structure Slabs.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>28. 12, 18 and 26 inch Standard Precast Prestressed Girder – Standard Precast Prestressed Girder for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>29. Prestressed Concrete Girder Series 4-14 - Prestressed Concrete Girders for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>30. Prestressed Tri-Beam Girder - Prestressed Tri-Beam Girders for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>31. Prestressed Precast Hollow-Core Slab – Precast Prestressed Hollow-core slab for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>32. Prestressed-Bulb Tee Girder - Bulb Tee Prestressed Girder for use in structures. Fabricator plant has annual approval of methods and materials to be used. Shop Drawing to be provided for approval prior to casting girders. See Std. Spec. Section 6-02.3(25)A</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>33. Monument Case and Cover. See Std. Plan.</td>
<td></td>
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<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>---------------------------------------------------------------------------------</td>
<td>-----</td>
<td>----</td>
</tr>
<tr>
<td>34. Cantilever Sign Structure - Cantilever Sign Structure fabricated from steel tubing meeting AASHTO-M-183. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>35. Mono-tube Sign Structures - Mono-tube Sign Bridge fabricated to details shown in the Plans. Shop drawings for approval are required prior to fabrication.</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>36. Steel Sign Bridges - Steel Sign Bridges fabricated from steel tubing meeting AASHTO-M-138 for Aluminum Alloys. See Std. Plans, and Contract Plans for details. The steel structure shall be galvanized after fabrication in accordance with AASHTO-M-111.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>37. Steel Sign Post - Fabricated Steel Sign Posts as detailed in Std Plans. Shop drawings for approval are to be provided prior to fabrication</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>38. Light Standard-Prestressed - Spun, prestressed, hollow concrete poles.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>39. Light Standards - Lighting Standards for use on highway illumination systems, poles to be fabricated to conform with methods and materials as specified on Std. Plans. See Special Provisions for pre-approved drawings.</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>40. Traffic Signal Standards - Traffic Signal Standards for use on highway and/or street signal systems. Standards to be fabricated to conform with methods and material as specified on Std. Plans. See Special Provisions for pre-approved drawings</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>41. Precast Concrete Sloped Mountable Curb (Single and DualFaced) See Std. Plans.</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>ITEM DESCRIPTION</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>---------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>42. Traffic Signs - Prior to approval of a Fabricator of Traffic Signs, the sources of the following materials must be submitted and approved for reflective sheeting, legend material, and aluminum sheeting. <strong>NOTE:</strong> *<strong>Fabrication inspection required. Only signs tagged &quot;Fabrication Approved&quot; by WSDOT Sign Fabrication Inspector to be installed</strong></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>43. Cutting &amp; bending reinforcing steel</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>44. Guardrail components</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>45. Aggregates/Concrete mixes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>46. Asphalt</td>
<td></td>
<td></td>
</tr>
<tr>
<td>47. Fiber fabrics</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>48. Electrical wiring/components</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>49. treated or untreated timber pile</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>50. Girder pads (elastomeric bearing)</td>
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<td></td>
</tr>
<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>
</tr>
<tr>
<td>ITEM DESCRIPTION</td>
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<td>NO</td>
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<tr>
<td>----------------------------------</td>
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<tr>
<td>53. Fencing materials</td>
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<td>X</td>
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<tr>
<td>54. Guide Posts</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>55. Traffic Buttons</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>56. Epoxy</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>57. Cribbing</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>58. Water distribution materials</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>59. Steel &quot;H&quot; piles</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>60. Steel pipe for concrete pile casings</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>61. Steel pile tips, standard</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>62. Steel pile tips, custom</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

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

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

See RCW 39.12.010
(The definition of "locality" in RCW 39.12.010(2) contains the phrase "wherein the physical work is being performed." The department interprets this phrase to mean the actual work site.)
WSDOT's List of State Occupations not applicable to Heavy and Highway Construction Projects

This project is subject to the state hourly minimum rates for wages and fringe benefits in the contract provisions, as provided by the state Department of Labor and Industries. The following list of occupations, is comprised of those occupations that are not normally used in the construction of heavy and highway projects. When considering job classifications for use and / or payment when bidding on, or building heavy and highway construction projects for, or administered by WSDOT, these occupations will be excepted from the included "Washington State Prevailing Wage Rates For Public Work Contracts" documents.

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

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

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

Definitions for the Scope of Work for prevailing wages may be found at the Washington State Department of Labor and Industries web site and in WAC Chapter 296-127.
Washington State Department of Labor and Industries
Policy Statements
(Regarding Production and Delivery of Gravel, Concrete, Asphalt, etc.)

WAC 296-127-018 Agency filings affecting this section

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

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

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

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

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

(ii) At multiple points at the project; or

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

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

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

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

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

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

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

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

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

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

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

STANDARD PLANS
PIPE ALLOWANCES

<table>
<thead>
<tr>
<th>PIPE MATERIAL</th>
<th>MAXIMUM INSIDE DIAMETER</th>
</tr>
</thead>
<tbody>
<tr>
<td>REINFORCED OR</td>
<td>12&quot;</td>
</tr>
<tr>
<td>PLAIN CONCRETE</td>
<td></td>
</tr>
<tr>
<td>ALL METAL PIPE</td>
<td>15&quot;</td>
</tr>
<tr>
<td>CPSP  &lt;br&gt;(STD. SPEC. 5-85)</td>
<td>12&quot;</td>
</tr>
<tr>
<td>SOLID WALL PVC  &lt;br&gt;(STD. SPEC. 9-63.141)</td>
<td>15&quot;</td>
</tr>
<tr>
<td>PROFILE WALL PVC</td>
<td>15&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* CORRUGATED POLYETHYLENE STORM SEWER PIPE

NOTES

1. As acceptable alternatives to the rebar shown in the PRECAST BASE SECTION, fiber (placed according to the Standard Specifications), or wire mesh having a minimum area of 0.12 square inches per foot shall be used with the minimum required rebar shown in the ALTERNATIVE PRECAST BASE SECTION. Wire mesh shall not be placed in the knockouts.

2. The knockout diameter shall not be greater than 18". Knocksouts shall have a wall thickness of 2" minimum to 2.5" maximum. Provide a 1.5" minimum gap between the knockout wall and the outside of the pipe. After the pipe is installed, fill the gap with joint mortar in accordance with Standard Specification 3-04.3.

3. The maximum depth from the finished grade to the lowest pipe invert shall be 6".

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.
PIPE ALLOWANCES

<table>
<thead>
<tr>
<th>PIPE MATERIAL</th>
<th>MAXIMUM INSIDE DIAMETER</th>
</tr>
</thead>
<tbody>
<tr>
<td>REINFORCED OR PLAIN CONCRETE</td>
<td>18&quot;</td>
</tr>
<tr>
<td>ALL METAL PIPE</td>
<td>21&quot;</td>
</tr>
<tr>
<td>CRSPS* (STD. SPEC. 9-05.32)</td>
<td>18&quot;</td>
</tr>
<tr>
<td>SOLID WALL PVC (STD. SPEC. 9-05.121)</td>
<td>21&quot;</td>
</tr>
<tr>
<td>PROFILE WALL PVC (STD. SPEC. 9-05.130)</td>
<td>21&quot;</td>
</tr>
</tbody>
</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, shall be used with the minimum required rebar shown in the ALTERNATIVE PRECAST BASE SECTION. Wire mesh shall not be placed in the knuckles.

2. The knockout shall not be greater than 26", in any direction. Knockouts shall have a wall thickness of 2" minimum to 2.5" maximum. Provide a 1.5" minimum gap between the knockout wall and the outside of the pipe. After the pipe is installed, fill the gap with joint mortar in accordance with Standard Specification 9-04.3.

3. The maximum depth from the finished grade to the lowest pipe invert shall be 6".

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.
1. No steps are required when height is 4' or less.
2. The bottom of the precast catch basin may be sloped to facilitate cleaning.
3. The rectangular frame and grate may be installed with the flange up or down. The frame may be cast into the adjustment section.
4. Knockout shafts shall have a wall thickness of 2" minimum to 2.5" maximum. Provide a 1.5" minimum gap between the knockout wall and the outside of the pipe. After the pipe is installed, fill the gap with joint mortar in accordance with Standard Specification 8-04.3.

### CATCH BASIN DIMENSIONS

<table>
<thead>
<tr>
<th>CATCH BASIN DIAMETER</th>
<th>MIN. WALL THICKNESS</th>
<th>MIN. BASE THICKNESS</th>
<th>MAXIMUM KNOCKOUT SIZE</th>
<th>MINIMUM DISTANCE BETWEEN KNOCKOUTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>48&quot;</td>
<td>4&quot;</td>
<td>6&quot;</td>
<td>36&quot;</td>
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<td>6&quot;</td>
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<td>72&quot;</td>
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<td>108&quot;</td>
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### PIPE ALLOWANCES

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<thead>
<tr>
<th>CATCH BASIN DIAMETER</th>
<th>CONCRETE</th>
<th>ALL METAL</th>
<th>CPSSP</th>
<th>SOLID WALL PVC</th>
<th>PROFILE WALL PVC</th>
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<td>30&quot;</td>
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<td>92&quot;</td>
<td>60&quot;</td>
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</tbody>
</table>

1. Corrugated Polyethylene Storm Sewer Pipe (Standard Specification 9-06.20)
2. Reinforced Concrete Pipe (Standard Specification 9-06.18(1))
3. Polyvinyl Chloride (PVC) Pipe (Standard Specification 9-06.18(2))

**CATCH BASIN TYPE 2**

**STANDARD PLAN B-10.20-01**

**APPROVED FOR PUBLICATION**

Pasco Bakotic III 02-07-12

Washington State Department of Transportation
DETAIL SECTION A

NOTES
1. This inlet requires the precast catch basin unit to be rotated 90 degrees so that the narrow side is parallel to the curb line. When calculating offsets from curb to CL of the precast catch basin, please note that the CL of the grate is not the CL of the precast catch basin. See Section A.

2. The dimensions of the frame and hood may vary slightly among different manufacturers. The frame may have cast features intended to support a debris guard. Hood units may be mounted inside or outside of the frame. The methods for fastening the safety bar/debris guard rod to the hood may vary. The hood may include casting lugs. The top of the hood may be cast with a pattern.

3. Attach the hood to the frame with two 3/4" x 2" box head bolts, nuts, and oversized washers. The washers shall have diameters adequate to ensure full bearing across the slots.

4. Bolt-down capability is required on all frames, grates and covers, unless specified in the Contract. Provide two holes in the Frame that are vertically aligned with the grate slots. The frame shall accept the 5/8" x 11 NC x 2" alien head cap screw by being tapped, or other approved mechanism. The location of bolt-down holes varies among manufacturers. See BOLT-DOWN DETAIL, Standard Plan B-30.16.

5. Only ductile iron Vaned Grates shall be used. See Standard Plans B-30.20 and B-30.40 for grate details. Refer to Standard Specification 9-06.18(3) for additional requirements.

6. This plan is intended to show the installation details of a manufactured product. This plan is not intended to show the specific details necessary to fabricate the castings depicted in this drawing.

COMBINATION INLET
STANDARD PLAN B-25.20-01

APPROVED FOR PUBLICATION 03-15-12
Washington State Department of Transportation
NOTES

1. As acceptable alternatives to the rebar shown in the PRECAST BASE SECTION, fibers (placed according to the Standard Specifications), or wire mesh having a minimum area of 0.12 square inches per foot shall be used with the minimum required rebar shown in the ALTERNATIVE PRECAST BASE SECTION. Wire mesh shall not be placed in the knockouts.

2. The knockout diameter shall not be greater than 18". Knockouts shall have a wall thickness of 2" minimum to 2.5" maximum. Provide a 1.5" minimum gap between the knockout wall and the outside of the pipe. After the pipe is installed, fill the gap with joint mortar in accordance with Standard Specification 9-04.3.

3. The maximum depth from the finished grade to the lowest pipe invert shall be 5'.

4. The frame and grate may be installed with the flange up or down. The frame may be cast into the adjustment section.

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 inlet has been placed.
NOTES
1. See Standard Specifications Section 7-08.3(3) for Pipe Zone Backfill.
2. See Standard Specifications Section 6-09.12(3) for Gravel Backfill for Pipe Zone Bedding.
4. For sanitary sewer installation, concrete pipe shall be bedded to spring line.

<table>
<thead>
<tr>
<th>PIPE</th>
<th>SIZE</th>
<th>MINIMUM DISTANCE BETWEEN BARRELS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIRCULAR PIPE (DIAMETER)</td>
<td>12&quot; to 24&quot;</td>
<td>12&quot;</td>
</tr>
<tr>
<td></td>
<td>30&quot; to 96&quot;</td>
<td>DIAM./2</td>
</tr>
<tr>
<td></td>
<td>102&quot; to 180&quot;</td>
<td>48&quot;</td>
</tr>
<tr>
<td>PIPE ARCH (SPAN)</td>
<td>18&quot; to 36&quot;</td>
<td>12&quot;</td>
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<tr>
<td>METAL ONLY</td>
<td>43&quot; to 142&quot;</td>
<td>SPAN/3</td>
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<td>148&quot; to 200&quot;</td>
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Cement Concrete Sidewalk

Standard Plan F-30.10-02

Sheet 1 of 1 Sheet

Approved for Publication

6/2013

Washington State Department of Transportation
WOOD POST FASTENERS

<table>
<thead>
<tr>
<th>SIZE / TYPE</th>
<th>QUANTITY</th>
<th>WASHERS</th>
<th>LOCKNUTS</th>
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<tr>
<td>3/8&quot; DIA. + 3/8&quot; BOLT</td>
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<td>4</td>
<td>2</td>
</tr>
<tr>
<td>3/8&quot; DIA. + 3/8&quot; BOLT</td>
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<td>4</td>
<td>4</td>
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<tr>
<td>3/8&quot; DIA. + 1&quot; SCREW</td>
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STEEL POST FASTENERS

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<th>QUANTITY</th>
<th>WASHERS</th>
<th>LOCKNUTS</th>
</tr>
</thead>
<tbody>
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<td>4</td>
<td>2</td>
</tr>
<tr>
<td>3/8&quot; DIA. + 3/8&quot; BOLT</td>
<td>4</td>
<td>4</td>
<td>4</td>
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<td>3/8&quot; DIA. + 1&quot; SCREW</td>
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</tr>
</tbody>
</table>

MAILBOX SUPPORT TYPE 1

STANDARD PLAN H-70.10-01
SHEET 1 OF 2 SHEETS

NOTES

1. A socket and wedge anchoring system that meets the NCHRP 350 crash test criteria may be substituted in lieu of the anti-twist plate designs shown. Anti-twist plates are not required for wood post installations.

2. The platform design shown on this plan features slots that accommodate several types of mailbox supports; only those slots necessary for assembling the type being installed are required. An adjustable platform may be used in lieu of this design, but it must fit the bracket design shown on this plan. Brackets are required for all single-post installations. Field drilling may be necessary.

3. Center the mailbox on the platform to ensure space for the mailbox door to open and to allow space for installing the fasteners (see ALIGNMENT DETAIL, Sheet 2). Spacing of mailbox mounting holes varies among manufacturers. Attachment of the mailbox to the platform may require drilling additional holes through the mailbox to fit the platform.

4. Attach a newspaper box to a steel post with two 1 1/8" Muffler Clamps spaced 4" apart. Field drill 7/16" holes in the newspaper box to fit. Use 2 1/2" x 1/4" lag bolts to attach newspaper boxes to wood posts. Newspaper boxes must not extend beyond the front of the mailbox when the mailbox door is closed.

5. A Type 2 Support (Standard Plan H-70.20) is required when 2 or more mailboxes are to be installed on one support.
NOTES

1. The anchoring system shall meet NCHRP 350 crash test criteria. Use a socket and wedge system or the anchoring system supplied by or recommended by the Type 2 Support manufacturer.

2. A maximum of five mailboxes may be installed on a Type 2 Support.

3. The platform design shown in this plan is detailed in the PLATFORM DETAIL. Standard Plan H-70.10, Sheet 2. The design features slots that accommodate several types of mailbox supports; only those slots necessary for assembling the type being installed are required. An adjustable platform may be used in lieu of this platform design. Adjustable platforms must fit the 1 7/8" M-Clamp.

4. Center the mailbox on the platform to ensure space for the mailbox door to open and to allow space for installing the fasteners (see ALIGNMENT DETAIL). Spacing of mailbox mounting holes varies among manufacturers. Attachment of the mailbox to the platform may require drilling additional holes through the mailbox to fit the platform.

5. Attach a newspaper box to a Type 2 Support with two 1 7/8" M-Clamp Clamps spaced 4" apart. Field drill 7/16" holes in the newspaper box to fit. Newspaper boxes must not extend beyond the front of the mailbox when the mailbox door is closed.

MAILBOX SUPPORT
TYPE 2

STANDARD PLAN H-70.20-01

MAILBOX PLATFORM & SUPPORT

ALIGNMENT DETAIL
SEE NOTE 4

MAILBOX MOUNTING HOLE (TYP.)

SPACE PROVIDED ON BOTH SIDES TO ALLOW ACCESS TO FASTENERS - SEE NOTE 4

MAILBOX MOUNTING HOLE (TYP.)

1 7/8" MUFFLER CLAMP
(1 7/8" M-CLAMP),
2 WASHERS AND
2 LOCKNUTS (TYP.)

PLATFORM - SEE NOTE 3

SNOW GUARD - WHEN REQUIRED
- SEE DETAIL, SHEET 2

ADDITIONAL WASHERS
- AS REQUIRED TO FILL GAP (TYP.)

NEWSPAPER BOX
- SEE NOTE 8

ASSEMBLY DETAIL

MAILBOX - SIZE 1, 1A, OR 2
(SIZE 1A SHOWN) - SEE TABLE STANDARD PLAN H-70.10 SHEET 8, FOR DIMENSIONS

3/16" x 1" Phillips head screw; 3 washers, and lockout with nylon insert (TYP.) - 4 sets Min.
1. Install the ends of the high visibility silt fence to point slightly upslope to prevent sediment from flowing around the ends of the fence.

2. Perform maintenance in accordance with Standard Specifications 8-01.3(9)A and 8-01.3(16).

3. Splices shall never be placed in low spots or sump locations. If splices are located in low or sump areas, the fence may need to be reinstalled unless the Project Engineer approves the installation.

4. Install silt fencing parallel to mapped contour lines.
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</th>
<th>TO BOTTOM OF SUPPLEMENTAL PLAQUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>RURAL</td>
<td>8 MINIMUM</td>
<td>4 MINIMUM</td>
</tr>
<tr>
<td>URBAN</td>
<td>7 MINIMUM</td>
<td>8 MINIMUM</td>
</tr>
</tbody>
</table>

CLASS A CONSTRUCTION SIGNING INSTALLATION
STANDARD PLAN K-80.10-00
SHEET 1 OF 1 SHEET
APPROVED FOR PUBLICATION
Ken L. Smith 02-21-07
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 (slanting 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.
NOTES
1. All concrete post bases shall be 10" minimum diameter.

2. Along the top and bottom, using Hog Rings, fasten the Chain Link Fence Fabric to the Tension Wire within the limits of the first full fabric weave.

3. Details are illustrative and shall not limit hardware design or post selection of any particular fence type.

TYPE 3

TYPE 4

POST AND RAIL SPECIFICATIONS

<table>
<thead>
<tr>
<th>POST</th>
<th>PIPE</th>
<th>ROLL FORMED</th>
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</thead>
<tbody>
<tr>
<td>END, CORNER, OR PULL POST</td>
<td>2 1/2&quot; Diam.</td>
<td>Y</td>
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<tr>
<td>LINE OR BRACE POST</td>
<td>2&quot; Diam.</td>
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</tbody>
</table>

CHAIN LINK FENCE TYPES 3 AND 4
STANDARD PLAN L-20.10-02
SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION
Pasco Bakotich III 06/21/12
STATE DESIGN ENGINEER
Washington State Department of Transportation
PART SEVEN

PERMITS

• Construction & Maintenance Notification
• Utility Permit (Stormwater Discharge)
• WSDOT General Permit
• Construction Stormwater General Permit
Construction & Maintenance Notification

FAX or Send to:

North Central Region Utilities – Attn: Barry Peterson
Washington State Department of Transportation
1551 North Wenatchee Avenue
Wenatchee, WA 98801-1156
Phone: (509) 667-3060 / FAX: (509) 667-2940
E-mail: peterba@wsdot.wa.gov
Alternate E-mail: sblendf@wsdot.wa.gov

In accordance with WSDOT Utility Permit and Franchises, Special Provision #1, the following information is to be provided to the above WSDOT Utility representative, 5 business days prior to performing any construction and maintenance work.

UTILITY COMPANY (PLEASE PRINT)

<table>
<thead>
<tr>
<th>Company Name-</th>
<th>Utility Inspector Name-</th>
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<tbody>
<tr>
<td>Address-</td>
<td>Phone/Cell-</td>
</tr>
<tr>
<td>City/State-</td>
<td>Email-</td>
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<tr>
<td>Office Contact-</td>
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<td>Phone-</td>
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CONTRACTOR (PLEASE PRINT)

<table>
<thead>
<tr>
<th>Company Name-</th>
<th>Field Representative-</th>
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<tbody>
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<td>Phone/Cell-</td>
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<td>City/State-</td>
<td>Email-</td>
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<tr>
<td>Office Contact-</td>
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</tr>
<tr>
<td>Phone-</td>
<td></td>
</tr>
</tbody>
</table>

FRANCHISE/PERMIT NUMBER: __________________ AMENDMENT NO: __________________

HIGHWAY NUMBER: __________ BEGIN MILEPOST: __________ END MILEPOST: __________

UTILITY COMPANY WORK ORDER: __________________

PROPOSED WORK DATES (2-weeks max): __________________

WORK SCHEDULE - DAYS & HOURS: __________________

☐ All necessary environmental and or regulatory permits have been acquired. Please attach copies or indicate none are required.

TRAFFIC CONTROL REQUIREMENTS: (select one)

☐ Workers, vehicles or equipment will not be within 5’ of the edge of pavement. One “UTILITY WORK AHEAD” sign is required in each direction. The signs shall be positioned per Work Zone Traffic Control Guidelines, WSDOT Manual M54-44.

☐ Workers, vehicles or equipment will enter the zone 0’ to 5’ from the edge of pavement. “UTILITY WORK AHEAD” and “SHOULDER WORK” signs are required in each direction. The signs shall be positioned per Work Zone Traffic Control Guidelines, WSDOT Manual M54-44.

☐ Any encroachment of workers, vehicles or equipment on the paved shoulder or in the driving lane will require approval of a site specific Traffic Control Plan by the Department. Please attach plans for approval a minimum of 5 business days before work begins.

Describe Work / Comments :

________________________________________________________________________

For Department Use: Comments__________________________

Reviewed By ________________________________ Entered into WZDB on __________________

November 2013
Application for Utility Permit
(Stormwater Discharge)

Applicant - Please print or type all information
Application is Hereby Made For: ☑ Permit
☐ Amendment
☐ Permit / Renewal $250.00

☑ Category 2 $300.00

To Construct, Operate, and/or Maintain Stormwater Discharge onto a portion of
State Route 28 (at/from) MilePost 1.77B to Mile Post 1.77B in Douglas County,
to begin in the SW1/4 NW1/4 Section 35 Township 23 North: Range 20 West/East W.M.
and end in the SE1/4 NW1/4 Section 35 Township 23 North: Range 20 West/East W.M.

Fees in the amount of $ 300.00 are paid to cover the basic administrative expenses incident to the processing of this application according to WAC 468-34 and RCW 47.44 and amendments thereto. The applicant promises to pay any additional costs incurred by the Washington State Department of Transportation (Department) on behalf of the applicant.

Checks or Money Orders are to be made payable to “Washington State Department of Transportation.”

Douglas County
Applicant (Referred to as Utility)
140 - 19th Street NW Suite A
Address
East Wenatchee WA 98802
City State Zip Code
509-884-7173
Telephone
dbramlette@co.douglas.wa.
Email

Douglas E. Bramlette
Applicant Authorized Signature

Print or Type Name
COUNTY ENGINEER
Title

Dated this 13 day of March, 2014

SW000307305
Federal Tax ID Number or Social Security Number

Authorization to Occupy Only If Approved Below

The Department hereby grants this Stormwater Discharge Permit ( Permit), subject to the terms and conditions stated in the Stormwater Discharge General Provisions, Special Provisions, and Exhibits attached hereto and by this reference made a part hereof.

For Department Use Only

Exhibits Attached
General Provisions, Pgs 2-5
Exhibit A - Special Provisions, Pgs 1-5
Exhibit B - Utility Facility Description Form, Pg 1
Exhibit C - R/W Plan ‘SR 28 - MP 2.94 to MP 0.75, Pg 1
Exhibit D - Douglas Co. Plan (prelim) - 23rd St. NE, Pg 1

Department Approval
By: Michael Alderario
Title: NC12 Utilities Program Manager
Date: 3/1/14

This Permit Expires ten years from the effective date, but may be renewed upon the Department’s review and verification that the installation meets all applicable requirements at the time of renewal.
Provisions for the CONSTRUCTION of stormwater discharge facilities (facilities):

1. A copy of this Permit must be on the job site, protected from the elements, at all times during any construction authorized by this Permit.

2. The Utility agrees to pay the reasonable costs of the Department for investigating, handling, and granting the Permit, including but not limited to basic overhead charges and for providing an inspector during construction and/or maintenance of the Utility's facilities. Further, the Utility agrees that it shall be responsible for and pay the Department's expended direct and indirect costs associated with applicable provisions of the Permit.

(a) The Department will assign a reimbursable account to the Utility as a means of invoicing the Utility for the costs associated with this Permit.

(b) The Department will invoice the Utility and the Utility agrees to pay the Department within thirty (30) calendar days of the invoice date.

3. Upon approval of this Permit, the Utility shall diligently proceed with the Work and comply with all Stormwater Discharge General and Special provisions herein. Construction of facilities proposed under this Permit shall begin within one (1) year and must be completed within three (3) years from date of Department approval. “Work” under this Permit shall mean construction, operation, and maintenance of the Utility’s facilities as authorized herein.

4. Should the Utility breach any of the conditions and requirements of this Permit, or should the Utility fail to proceed with due diligence and in good faith with the Work as authorized by this Permit, the Department may cancel or revoke the Permit upon thirty (30) calendar days written notice to the Utility.

5. The Utility shall notify the Department representative in special provision 1 of the name, address, and telephone number of its contractor when the Work is going to be performed with other than its own forces. When the Utility uses a contractor, an authorized representative of the Utility shall be present or available at all times unless otherwise agreed to by the Department representative. A list of authorized representatives shall be submitted prior to the construction start date. (Authorized representatives are defined as persons having signatory authority for the Utility and/or the authority to control the Work as needed for any issues identified by the Department.)

6. The Utility agrees to schedule and perform its Work in such a manner as not to delay the Department’s Maintenance activities or the Department’s contractor's work when the Department has a contractor performing work in the vicinity of the Utility’s Work.

7. All contact between the Department and the Utility’s contractor shall be through the Utility representative. Where the Utility chooses to perform the Work with its own forces, it may elect to appoint one of its own employees engaged in the Work as its representative. The Utility, at its own expense, shall adequately police and supervise all Work performed by itself, its contractor, subcontractor, agent, and/or others, so as not to endanger or injure any person or property.

8. The Utility shall contact the identified Department representative two (2) weeks prior to conducting Work, to determine the location of survey control monuments within the area in which the Utility will be working. In the event any monument or right of way marker will be altered, damaged, or destroyed by the Utility, the Department, prior to Utility Work, will reference or reset the monument or right of way marker. During the Work, upon discovery of a monument or right of way marker, the Utility shall cease Work in that area and immediately notify the Department of the discovery. The Department will coordinate with the Utility to ensure that the monument or right of way marker is recorded or replaced. The Utility agrees to pay all Department costs to perform monument or right of way marker work, as provided in this provision, in accordance with Stormwater Discharge General Provision 2.

9. In the event any milepost, fence, or guardrail is located within the limits of the Utility’s Work and will be disturbed during Utility Work, the Utility agrees to carefully remove these highway facilities prior to Utility Work and reset or replace these highway facilities after the Utility Work, to the Department’s sole satisfaction and at the sole cost of the Utility. The Utility agrees that all highway signs and traffic control devices shall not be removed or disturbed during Utility Work.

10. The Utility agrees that all Work shall be done to the satisfaction of the Department. All material and workmanship shall conform to the Department's Standard Specifications for Road, Bridge, and Municipal Construction, current edition, and amendments thereto, and shall be subject to Department inspection. All Department acceptance and inspections are solely for the benefit of the Department and not for the benefit of the Utility, the Utility's contractor (if any), or any third party. The Utility agrees that it shall pay all Department inspection costs in accordance with Stormwater Discharge General Provision 2.

DOT Form 224-693 EF
Revised 01/2014

Permit No. 7879
Page 2
11. The Utility shall provide proof of insurance coverage prior to performing any Work within state-owned highway right of way, as follows:

(a) Commercial General Liability covering the risks of bodily injury (including death), property damage, and personal injury, including coverage for contractual liability, with a limit of not less than $3 million per occurrence and in the aggregate;

(b) Business Automobile Liability (owned, hired, or non-owned) covering the risks of bodily injury (including death) and property damage, including coverage for contractual liability, with a limit of not less than $2 million per accident; and

(c) Employers Liability covering the risks of Utility’s employees’ bodily injury by accident or disease, with limits of not less than $1 million per accident for bodily injury by accident and $1 million per employee for bodily injury by disease.

Such insurance policies or related certificates of insurance shall name the Washington State Department of Transportation as an additional insured on all general liability, automobile liability, employers’ liability, and excess policies. A forty-five (45) calendar day written notice shall be given to the Department prior to termination of or any material change to the policy(ies) as such relate(s) to this Permit.

12. If the Utility is a city or county, it shall provide verification of insurance coverage at a minimum in the amounts and types identified in Section 11 to the Department by submitting proof of its coverage through a Risk Pool or verification that the city or county is self-insured, to comply with the Section 11 insurance terms and conditions of this Permit. If allowable under its coverage, the city or county shall name the Washington State Department of Transportation as an additional insured for the coverage required by this section.

13. The Utility shall comply with the Manual on Uniform Traffic Control Devices for Streets and Highways (Federal Highway Administration) and the State of Washington modifications thereto (chapter 468-95 WAC) while it performs the Work. If the Department requires, the Utility shall submit a signing and traffic control plan to the Department’s representative for approval prior to construction or maintenance Work. No lane closures shall be allowed except as approved by the Department’s representative. Approvals may cause revision of Special Provisions of this Permit, including hours of operation.

14. This Permit may not be amended or modified without the Department’s prior review and written approval. Upon completion of the Work, the Utility shall notify the Department’s representative within ten (10) calendar days for the Department’s final inspection, and the Utility shall provide the Region Utilities Engineer with detailed as-built drawings within ninety (90) calendar days of Work completion, if the originally approved Permit construction plans have been revised during the course of construction.

15. The Utility shall not excavate or place any obstacle within the state-owned highway right of way in such a manner as to interfere with the Department’s construction, operation, and maintenance of the state-owned highway right of way or the public’s travel thereon without first receiving the Department’s written authorization.

16. The Utility agrees to maintain, at its sole expense, its facilities authorized by this Permit in a condition satisfactory to the Department.

17. The Utility agrees that it is financially responsible to the Department for all necessary expenses incurred in inspecting the construction and restoring the highway pavement or related transportation equipment or facilities to a permanent condition suitable for travel as solely determined by the Department, as well as financially responsible to the Department for trenching work not completed and for compensating the Department for the loss of useful pavement life caused by trenching as required by RCW 47.44.020.

18. Upon completion of all Work, the Utility shall immediately remove all rubbish and debris from the state-owned highway right of way, leaving the state-owned highway right of way in a neat, presentable, and safe condition to the Department’s satisfaction. Any Work-related rubbish and debris clean up, or any necessary slope treatment to restore and/or protect the state-owned right of way, not done within one (1) week of Work completion, unless otherwise agreed to by the Department, will be done by the Department at the expense of the Utility. The Utility agrees to pay the Department’s expended costs and expenses for performing the work in accordance with Stormwater Discharge General Provision 2.
19. The Utility shall comply with the Department’s Temporary Erosion and Sediment Control Manual (M 3103.01) and any revisions thereto, for erosion control and/or to mitigate any erosion occurring as a result of the Work. If the Utility Work performed under this Permit alters, modifies, changes, or interferes in any way with the drainage of the state-owned highway right of way, the Utility shall, at its own expense, make all corrections and/or provisions the Department requires to fix and restore the state-owned right of way drainage to its original condition and function prior to the Utility’s Work. Any flows from the Utility shall not exceed the flows discharging to WSDOT drainage prior to the new work. Any flows discharged to state-owned highway right of way shall meet the requirements for quantity and water quality according to the current version Highway Runoff Manual (M 31-16). Should the Utility not make the required drainage restoration, the Department reserves the right to make such changes as necessary to restore the original drainage function at the sole cost of the Utility, and the Utility agrees to pay the Department’s expended costs and expenses for performing the work in accordance with Stormwater Discharge General Provision 2.

20. The Utility shall be responsible for securing all necessary permits, including but not limited to, federal, state, and local regulatory, tribal, environmental, archeological, and railroad permits and permits from the Washington State Department of Ecology, the Washington State Department of Fish and Wildlife, and/or the U.S. Army Corps of Engineers prior to beginning the Work authorized by this Permit. The Utility shall be responsible for mitigation measures where wetlands have been disturbed and agrees that it is responsible for any fines imposed for noncompliance with the permit(s) conditions or for failure to obtain the required permits. In addition, the Utility, on behalf of itself and its contractors, officers, officials, employees, and agents, agrees to indemnify, hold harmless, and defend, at its sole cost and expense, the Department and its officers, officials, employees, and agents from any and all fines, costs, claims, judgments, and/or awards of damages (to regulatory agencies, persons, and/or property), arising out of, or in any way resulting from, the Utility’s failure to (1) obtain any required permit for the Utility Work or (2) comply with permit conditions. Further, the Utility shall be responsible for compliance with all federal, state, and local laws, regulations. Utility also agrees to pay any costs incurred by the Department, including attorneys fees, pursuant to the provisions of this section in accordance with Stormwater Discharge General Provision 2.

21. For any of the Utility’s Work that requires permit coverage under the “CONSTRUCTION STORMWATER GENERAL PERMIT – National Pollutant Discharge Elimination System and State Waste Discharge General Permit for Stormwater Discharges Associated with Construction Activity” (Construction Stormwater General Permit), the Utility shall obtain said permit coverage and shall comply with all requirements of the Construction Stormwater General Permit. Upon the Department’s request, the Utility shall provide a copy of the Construction Stormwater General Permit. In addition, the Utility, on behalf of itself and its contractors, officers, officials, employees, and agents, agrees to indemnify, hold harmless, and defend, at its sole cost and expense, the Department and its officers, officials, employees, and agents from any and all fines, costs, claims, judgments, and/or awards of damages to regulatory agencies, persons, and/or property, arising out of, or in any way resulting from, the Utility’s failure to (1) obtain coverage under the Construction Stormwater General Permit for Utility Work or (2) comply with the Construction Stormwater General Permit requirements. Utility also agrees to pay any costs incurred by the Department, including attorneys fees, pursuant to the provisions of this section in accordance with Stormwater Discharge General Provision 2.

22. This Permit does not authorize the Utility, or its employees, contractors, or agents, any right to cut, spray, retard, remove, destroy, disfigure, or in any way modify the physical condition of any vegetative material located on the state-owned highway right of way. Should the Utility anticipate that its Work will alter the appearance of the state-owned highway right of way vegetation, the Utility shall notify the Department representative listed in special provision 1 to obtain the Department’s prior written approval of the Utility’s proposed work. If the Department permits the Utility to modify the state-owned highway right of way vegetation, it agrees that any vegetation cutting and/or trimming activities shall be conducted in such a manner that the state-owned highway right of way vegetation appearance will not be damaged. Should the Utility damage the appearance of the state-owned highway right of way vegetation without the Department’s prior written approval, the Utility is subject to penalties provided for in RCW s 47.40.070, 47.40.080, and 4.24.630, as applicable.

Provisions for Stormwater Discharge OCCUPANCY of state-owned right of way:

23. If the Department, at its sole discretion, shall determine that any or all of the Utility’s facilities must be modified, removed from, or relocated within the state-owned highway right of way as necessary, incidental, or convenient for the construction, alteration, improvement, repair, relocation, or maintenance of the state highway, or for the safety of the traveling public, the Utility, its successors and assigns, shall, at its sole cost and expense, upon written notice by the Department, modify, relocate, or remove any or all of its facilities within or from the state-owned highway right of way as required by the Department. The Utility shall perform in a timely manner all facility modifications, relocations, and/or removals as the Department directs, to avoid highway project impacts or delays and in such manner as will cause the least disruption of traffic or interference with the Department’s continued operation and/or maintenance of the highway.
24. Should the Utility fail or refuse to comply with the Department's direction, pursuant to Stormwater Discharge General Provision 23, to modify, remove, or relocate any Utility facility, the Department may undertake and perform any modification, removal, or relocation of the Utility facility that the Department, in its sole discretion, deems necessary. The Utility agrees to pay the Department's expended costs and expenses for performing the work, in accordance with Stormwater Discharge General Provision 2.

25. If the Department determines in good faith that emergency maintenance work on the Utility's facility is needed to (a) protect any aspect of the state highway right of way or (b) secure the safety of the traveling public due to a failure of the Utility's facility, the Department may perform the necessary work without the Utility's prior approval, and the Utility agrees to pay the Department's expended costs and expenses for performing the work in accordance with Stormwater Discharge General Provision 2. The Department will notify the Utility of the emergency work performed as soon as practicable.

26. The Department may amend, revoke, or cancel this Permit at any time by giving written notice to the Utility. If the Permit is amended, the Utility will have thirty (30) calendar days to modify the facility as the Permit amendment(s) require. If the facility modifications cannot be made within thirty (30) calendar days, the Utility shall respond to the Department, in writing, as to when the facility modifications can be made. If the Permit is revoked or canceled, the Utility shall immediately remove all facilities from the right of way. Any facilities remaining upon the right of way thirty (30) calendar days after written notice of Permit revocation or cancellation may be removed by the Department at the expense of the Utility. The Utility agrees to pay the Department's expended costs and expenses for performing the work in accordance with Stormwater Discharge General Provision 2.

27. The Utility shall not assign or transfer this Permit without the Department's prior written approval. The Utility understands that any assignment or transfer requires the assignee or transferee to have the means to assume all obligations, duties, and liabilities of the terms and conditions of this Permit, and the Utility will advise the assignee or transferee of its obligation to apply for an updated or replacement Permit. If the Department does not approve the assignment or transfer, this Permit shall automatically terminate, and the Utility shall be subject to the terms of RCW 47.44.080.

28. The Utility, its successors and assigns, shall indemnify, defend at its sole cost and expense, and hold harmless the State of Washington, its officers and employees, from all claims, demands, damages both to persons and/or property, expenses, regulatory fines, and/or suits that (1) arise out of or are incident to any acts or omissions of the Utility, its agents, contractors, and/or employees, in the use of the state-owned highway right of way as authorized by the terms and conditions of this Permit, or (2) are caused by the breach of any of the terms or conditions of this Permit by the Utility, its successors and assigns, and its contractors, agents, and/or employees. The Utility, its successors and assigns, shall not be required to indemnify, defend, or hold harmless the State of Washington, its officers and/or employees, if the claim, suit, or action for damages both to persons and/or property is caused by the sole acts or omissions of the State of Washington, its officers and/or employees; provided that, if such claims, suits, or actions result from the concurrent negligence of (a) the State of Washington, its officers and/or employees, and (b) the Utility, its successors or assigns, agents, contractors, and/or employees, or involves those actions covered by RCW 42.44.115, the indemnity provisions provided herein shall be valid and enforceable only to the extent of the acts or omissions of the Utility, its successors or assigns, agents, contractors, and/or employees.

29. The Utility agrees that its obligations under this Permit extend to any claim, demand, and/or cause of action brought by, or on behalf of, any of its employees or agents while performing Work under this Permit while located on state-owned highway right of way. For this purpose, the Utility, by MUTUAL NEGOTIATION, hereby waives, with respect to the State of Washington only, any immunity that would otherwise be available to it against such claims under the Industrial Insurance provisions in chapter 51.12 RCW.

30. The insurance requirements in Stormwater Discharge General Provisions 11 and 12 shall also apply to the Utility's occupancy of the state-owned highway right of way.

31. The indemnification and waiver provided for in Stormwater Discharge General Provisions 28 and 29 shall survive the termination of this Permit.

32. Any action for damages against the State of Washington, its agents, contractors, and/or employees, arising out of damages to a utility or other facility located on state-owned highway right of way, shall be subject to the provisions and limitations of RCW 47.44.150.

33. This Permit shall not be deemed or held to be an exclusive one and shall not prohibit the Department from granting rights of like or other nature to other public or private utilities, nor shall it prevent the Department from using any of the state-owned highway right of way or other properties for transportation purposes, or affect the Department's right to full supervision and control over all or any part of the state-owned highway right of way or properties, none of which is hereby surrendered.

DOT Form 224-693 EF
Revised 01/2014
Special Provisions for Permits and Franchises

Applicable provisions are denoted by ( X )

1. No Work provided for herein shall be performed until the Utility is authorized by the following Washington State Department of Transportation (Department) Representative(s):

   Name: Frank Scledorio
   Title: North Central Region Utilities Manager
   Street: 1551 North Wenatchee Avenue
   City: Wenatchee
   State: WA  Zip: 98801
   Phone: 509-667-3061  Fax: 509-667-2940

   Name: Barry L. Peterson
   Title: Utilities Project Coordinator
   Street: 1551 North Wenatchee Avenue
   City: Wenatchee
   State: WA  Zip: 98801
   Phone: 509-667-3060  Fax: 509-667-2940

The Utility shall notify in writing the identified Department representative(s) at least FIVE ( 5 ) working days (Monday through Friday excluding any holidays), in advance of commencing Work on state-owned highway right of way.

2. Prior to beginning the Work, a pre-construction conference shall be held at which the Department, Utility's engineer, contractor, and inspector (as applicable) shall be present. The Utility shall give a minimum 5 working days (Monday through Friday excluding any holidays) notice to the Department's representative(s) (prior to the pre-construction conference)

3. Work within the state-owned highway right of way shall be restricted to daylight hours. No Work shall be allowed on Saturday, Sunday, or holidays. In addition, the Utility shall be off the highway by noon the day prior to a holiday unless authorized by the Department. If a holiday falls on a Saturday, the preceding Friday is counted as the holiday, and the Utility shall be off the highway by noon Thursday. When the Holiday falls on a Monday the Utility shall be off the right of way at noon on the preceding Friday. Nothing in this section shall limit the authority of the Department to further restrict work within state-owned highway right of way at the Department’s discretion. The hours of closure are subject to change if unanticipated circumstances occur.

4. During non-working hours equipment and materials shall not be located or stored within the work zone clear zone (WZCZ) area. Minimum WZCZ distances will be measured from the edge of the traveled way (the portion of the roadway intended for the movement of vehicles, exclusive of shoulders and lanes for parking, turning, and storage for turning) and will be determined as follows:

<table>
<thead>
<tr>
<th>Posted Speed</th>
<th>Distance From Traveled Way (ft)</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>

Minimum Work Zone Clear Zone Distance
5. The Utility agrees that, in the event any construction or maintenance of the highway facility becomes necessary within the proximity of the utility installation during the time the Utility will be working within the highway right of way, it is expressly understood that, upon request from the Department's representative, the Utility will promptly identify and locate by suitable field markings any and all of its underground facilities so that the Department or its contractor can be fully apprised at all times of their precise locations.

6. Construction of this facility will not be permitted from the shoulders or through the traffic lanes and/or ramps of ____________. All construction access will be from _____________________________________________.

7. All vehicles and equipment that are not essential for the Work shall not be parked on the shoulders or thru-traffic lanes and/or ramps of _____________.

8. No additional side (service) connections will be allowed within State right of way after the construction of the facility authorized by this Permit or Franchise.

BOND AND INSURANCE COVERAGE

9. The Utility has provided bond coverage for the Work under this Permit or Franchise by furnishing a blanket surety bond held by the Department at the WSDOT Headquarters Utilities Unit in Olympia, WA.

10. The Utility shall provide a surety bond to the Department in the amount of $______________, written by a surety company authorized to do business in the State of Washington, or shall set up a Department-approved escrow account prior to the start of construction to cover the Work under this Permit or Franchise. The surety bond or escrow account shall remain in force for a period of one (1) year after the written notice of completion of the Work (as provided in general provision 11), except that when the Work impacts the paved highway (open cuts, bores or damage to the highway surface), the Utility shall be required to maintain the surety bond or escrow account for a period of two (2) years after the notice of completion.

11. When the Utility chooses to perform the Work with other than its own forces and requires its contractor to provide a surety bond to the Department before performing any Work to ensure compliance with all of the terms and conditions of this Permit or Franchise, the bond shall be in the amount of $______________, written by a surety company authorized to do business in the State of Washington and shall remain in force until all Work under this Permit or Franchise has been completed, and the Utility's contractor has restored any affected Department property and right of way to the satisfaction of the Department.

12. The Utility shall provide proof of insurance coverage prior to performing any Work within state-owned highway right of way, as follows:

   (a) Commercial General Liability covering the risks of bodily injury (including death), property damage, and personal injury, including coverage for contractual liability, with a limit of not less than $1 million per occurrence/$2 million general aggregate;

   (b) Business Automobile Liability (owned, hired, or non-owned) covering the risks of bodily injury (including death) and property damage, including coverage for contractual liability, with a limit of not less than $1 million per accident;

   (c) Employers Liability covering the risks of Utility's employees' bodily injury by accident or disease, with limits of not less than $1 million per accident for bodily injury by accident and $1 million per employee for bodily injury by disease.

Such insurance policies or related certificates of insurance shall name the Washington State Department of Transportation as an additional insured on all general liability, automobile liability, employers' liability, and excess policies. A forty-five (45) calendar day written notice shall be given to the Department prior to termination of or any material change to the policy(ies) as such relate(s) to this Permit or Franchise.

13. If the Utility is a city or county, it may choose to provide verification of insurance coverage to the Department by providing proof of its coverage through "Washington Cities Insurance Authority," or "Washington Counties Risk Pool" or verify that the city or county is self-insured, to comply with the insurance terms and conditions of this Permit or Franchise.

Permit No. 7878

DOT Form 224-030 EF
Revised 09/2012

Exhibit A
Special Provisions Page 2
14. The Utility shall completely remove all Deactivated Facilities (as defined in Washington State Department of Transportation Utilities Manual M 22-87).

15. Deactivated facilities left within the state owned right of way shall remain owned by the Utility, who shall continue to bear all responsibility for any future costs incurred for removal of the Deactivated facilities if required by the Department in its sole discretion.

16. For underground facilities, markers shall be placed at each right of way line at one end of a normal crossing, at both ends of an oblique crossing, and at all changes in offset distance from right of way line or centerline of the highway and placed every 500 feet for longitudinal installations. Marker information as a minimum shall include owner name, pipeline or cable identification and station, and telephone number or other means to contact a local office. Markers must meet an industry standard that will not create a safety hazard, and all markers shall be placed and maintained so as to minimize interference with Department maintenance operations. It is the Utility's responsibility to maintain its markers. Maintenance of markers includes but is not limited to update of Utility's name (if changed) or Utility's successors' or assigns' contact information, and replacement of damaged or missing markers.

17. All underground facilities shall include a component by which the utility can be located with conventional methods. In addition, for all installations in trenches, the Utility shall install detector tape approximately 12 inches above the underground facility. The tape shall conform to the standards of the American Public Works Association Uniform Color Code.

18. Utility facilities or casings for facilities crossing under highways surfaced with oil, asphalt concrete pavement, or cement concrete pavement shall be by trenchless construction, using the appropriate equipment to jack, bore, or auger the facility through the highway prism with a minimum depth of 5 feet along any point from the top of facility to the lowest point of the finished highway grade, at a minimum of 3.5 feet depth from bottom of ditch/Toe of slope to top of facility or casing.

19. If PVC or HDPE casings are utilized for crossings, they shall be equivalent to or greater than Schedule 80.

20. Casing requirements (WAC 468-34-210) for utilities are specified individually or in whole on the attached exhibits. Any variances to these casing requirements shall be justified, in writing, and approved by the Department.

21. Pipeline installation shall meet the provisions of chapter 480-93 WAC, Gas Companies- Safety, and amendments thereto.

22. Open trenching (cutting a trench for direct placement of a utility that does not include cutting an existing paved highway surface) will only be allowed at the locations identified on the plan sheets and/or listed on Exhibit(s) ________________, with restoration to be performed as noted on the attached "Open Trench Detail," Exhibit __.

23. Open cuts (cutting a trench for direct placement of a utility that does include cutting the existing paved highway surface) of the highway are a variance to Department policy, requiring justification (Open Cut Variance Request) and approval by the Department prior to the Work beginning. Open cuts are only allowed at approved locations identified on the plan sheets and/or listed on Exhibit(s) ________________, with restoration to be performed as noted on the attached "Open Cut Detail," Exhibit __.

24. If determined necessary by the Department representative, any or all of the excavated material shall be removed and replaced with suitable material as specified by the Department. It is the Utility's responsibility to obtain any necessary permits or comply with applicable requirements to haul or dispose of any excavated material.

25. If determined by the Washington State Department of Labor and Industries and/or the Department representative that extra Shoring (beyond that specified in Section 7-08.3(1)B of the Department's Standard Specifications for Road, Bridge, and Municipal Construction) is necessary for the safety of the workers or the protection of the highway pavement, the trenching or excavation work shall be stopped and no Work in the trench or excavation area will be allowed until satisfactory modifications are made.

26. All trenches, boring or jacking pits, etc., shall be backfilled as soon as possible. If left open during nonworking hours, they shall be protected to the satisfaction of the Department. Methods of protection shall be submitted a minimum of ________________ (2) calendar days in advance for approval by the Department prior to use.

Permit No. 7878
Exhibit A
Special Provisions Page 3
AERIAL/ABOVEGROUND FACILITIES

☐ 27. All facilities on joint use poles shall be relocated at the time the pole owner either moves or removes its poles. (The pole owner is the Permit or Franchise holder under which the poles were installed and is responsible for ensuring the removal of the pole.)

☐ 28. Neutral conductors associated with circuits of 0 to 22 Kilovolts, where the neutral is considered to be 0-750 Volts, shall have a minimum clearance of 24 feet Vertical Clearance as indicated in WAC 468-34-290, provided the facility is grounded at each pole at each end of the crossing.

☐ 29. The Utility agrees to underground the aboveground facilities covered by this Franchise in Scenic Classes "A" and "B", as defined on the attached Exhibit(s) ________________, either at the time of major construction of the facility, or for that portion of facility to be reconstructed, or prior to expiration of this Franchise.

☐ 30. The Utility agrees to underground the aboveground facilities covered by this Franchise in Scenic Classes "A," "AX," "B," and/or "BX," as defined on the attached Exhibit(s) ________________, at the time the pole owner undergounds its facility. The existing aboveground facility may remain or be relocated as aboveground in Scenic Classes "AX" or "BX," if acceptable to the Department.

☐ 31. The Utility agrees to underground or relocate the existing aboveground facilities covered by this Franchise in Scenic Classes "A," "AX," "B," and/or "BX," as defined on the attached Exhibit(s) ________________, to a location acceptable to the Department either at the time of reconstruction, for the portion of line to be reconstructed, or prior to the expiration of this Franchise. The existing aboveground facility may remain or be relocated as aboveground in Scenic Classes "AX" or "BX," if acceptable to the Department.

MAINTENANCE

☐ 32. No routine maintenance of the facility authorized by this Permit or Franchise will be allowed within the limited access area.

☐ 33. Maintenance of this facility will not be permitted from the shoulders, thru-traffic lanes, and/or ramps of __________, and all service to this facility will be accessed from ________________.

☐ 34. The Utility will notify the Department representative(s), listed in Special Provision 1, _FIVE_ (5) working days (Monday through Friday excluding any holidays) prior to any scheduled maintenance work to be performed in the state-owned highway right of way.

Permit No. 7876

DOT Form 224-030 EF
Revised 09/2012

Exhibit A
Special Provisions Page 4
35. Upon request from the Departments representative, the Utility shall promptly identify and locate by suitable field markings any and all of its underground facilities.

36. All construction or maintenance work on facilities granted in this PERMIT shall comply with the safety regulations of the Washington State Department of Labor and Industries.

37. The Utility shall submit a site-specific Traffic Control Plan for approval a minimum of five business days before maintenance work begins. The Utility shall reference the PERMIT Number on the Traffic Control Plan. Contact information is listed in Special Provision No. 1.

38. The Utility shall notify the Department's representative using the CONSTRUCTION & MAINTENANCE NOTIFICATION form a minimum of five business days before working at any location within the Department's RAW. Contact information listed in Special Provision No. 1.

39. Only equipment with rubber tires or street pads will be allowed on the roadway. Tracked vehicles with cleats or other devices that may damage the road surfacing will not be allowed. EXCEPTION: Tracked vehicles will be allowed in areas where the pavement will be replaced during the 23rd Street Reconstruction project.

40. The Utility shall not undermine or disturb any pavement within the HIGHWAY mainline.

41. Upon completion of construction or maintenance work, the Utility shall be responsible to bury, or remove from the Department's RAW, all rocks not previously existing above the original grade.

42. The Utility is responsible to contact the Utility Notification Center at 1-800-424-5555 prior to any excavation. Refer to RCW 19.122 and appropriate WAC codes for legal determinations.

43. In the event that during the course of this project an inadvertent discovery of historical/archaeological objects, human remains, or a bone/bones of uncertain origin is made, the Utility shall immediately cease operations and contact the WSDOT Region Utilities Office at (509) 667-3061 or WSDOT Region Environmental Office at (509) 667-3055.

44. Public Notice of road or lane closure shall meet the guidelines as stated below.

Notify all fire and law enforcement departments, ambulance companies, and transit agencies that would be affected by this road or lane closure at least 72 hours in advance of the road or lane closure.

Notify local school district at least 72 hours in advance of the road or lane closure.

A copy of the Traffic Control / Detour Plan that will be included in the project plans shall be submitted to the Department.

45. No work or routine maintenance will be allowed within the right-of-way when snow, slush or ice exists on any portion of the roadway.
Facility Description:
A storm sewer facility consisting of 18-inch CPSSP, (corrugated polyethylene storm sewer pipe), 18-inch HDPE (high density polyethylene pipe) and Two - Type 2 catch basins. The catch basins will be installed outside the highway mainline on 23rd Street (but within the right of way). The HDPE pipe will be installed by directional drill under SR 28. The CPSSP pipe will be installed by open cut on 23rd Street (beyond highway mainline).

| Facility Detail | |
|-----------------|-----------------|-----------------|
| **Offset Distance** | **Description** | **R/W Width** | **Remarks** |
| **From Centerline** | **From Traveled Way** | **Depth/Height** | **D qualità** | **Left** | **Right** |
| 1.77B | RT | 33-40 | 3' | 18-inch CPSSP | 40' | Open cut 23rd St. to install pipe |
| 1.77B | RT | 28-33 | surface | Type 2 catch basin | 40' | Catch basin approx. 9' deep |
| 1.77B | Xing | 54L-28R | 5'-8' | 18-inch HDPE | 80' | 40' | Installed by directional drill |
| 1.77B | LT | 54-59 | surface | Type 2 catch basin | 80' | Catch basin approx. 12' deep |
| 1.77B | LT | 59-80 | 7'-8' | 18-inch CPSSP | 80' | Open cut 23rd St. to install pipe |
Application for General Permit

Applicant - Please print or type all information

Application is HERBY Made For: [ ] General Permit (no fee)  [X] General Permit $2.50 (Subject to RCW 47.12.140(2))

Intended Use of State Right of Way is to Construct, Operate, and Maintain a:
Improve County Road 23rd SW Intersection with SR 28

on a portion of State Route 28 from Mile Post 1.770 to Mile Post in Douglas County.

NW 1/4 of SW 1/4 of Section 35 Township 23 Range 20 West/East W.M. E

Fees in the amount of $ are paid to defray the basic administrative expense incident to the processing of this application according to RCW 47.12.140(2) and amendments. The applicant further promises to pay additional costs incurred by the Department on the behalf of the applicant.

Checks or Money Orders are to be made payable to "Washington State Department of Transportation".

Do. County Transp. & Land Services

Applicant (referred to as Permit Holder)

Douglas E. Bramlette

Address

140 19th St. NW STE. A

Print or Type Name

Douglas E. Bramlette

City

East Wenatchee

State

WA

Zip Code

98802

Title

County Engineer

Dated this 24 day of April, 2014

Authorization to Occupy Only If Approved Below

The Washington State Department of Transportation referred to as the "Department", hereby grants this Permit subject to the terms and conditions stated in the General Provisions, Special Provisions, and Exhibits attached hereto and by this reference made a part hereof.

Construction facilities proposed under this application shall begin within one year and must be completed within three years from date of approval.

Exhibits Attached

Exhibit A, Special Provisions
Exhibit B, Intersection Plan
Exhibit C, Traffic Control Detail
Exhibit D, Photo
Exhibit E, Right of Way Detail
Exhibit F, Douglas County's Project PS&E

For Department Use Only

Department Approval

By: Bill Gould

Title: Asst. Planning Eng

Date: 04/17/2014
General Provisions

1. The Permit Holder, its successors and assigns, agrees to protect the State of Washington, its officers and employees and save them harmless from all claims, actions or damages of every kind and description which may accrue to or be suffered by any person, persons, or property by reason of the acts or omissions of the Permit Holder, its assigns, agents, contractors, licensees, employees or any person whatsoever, in connection with Permit Holder's, its assigns', agents', contractors', licensees' or employees' construction, installation, maintenance, operation, use or occupancy of the right of way or in the exercise of this permit. In case any suit or action is brought against the State of Washington, its officers and employees, arising out of or by reason of any of the above causes, the Permit Holder, its successors or assigns will, upon notice of such action, defend the same at its sole cost and expense and satisfy any judgment against the State of Washington, its officers, or employees: PROVIDED, that if the claims or damages are caused by or result from the concurrent negligence of (a) the State of Washington's agents or employees and (b) the Permit Holder or Permit Holder's agents or employees, this indemnity provision shall be valid and enforceable only to the extent of the negligence of the Permit Holder or the Permit Holder's agents or employees.

2. During the progress of the work, such barriers shall be erected and maintained as may be necessary or as may be directed for the protection of the traveling public; the barriers shall be properly lighted at night.

3. Except as herein authorized, no excavation shall be made or obstacle placed within the limits of the State highway in such a manner as to interfere with the travel over said road.

4. If the work done under this permit interferes in any way with the drainage of the State highway, the Permit Holder shall wholly and at its own expense make such provision as the Department may direct to take care of said drainage.

5. On completion of said work herein contemplated, all rubbish and debris shall be immediately removed and the roadway and roadside shall be left neat and presentable and satisfactory to the Department.

6. All of the work herein contemplated shall be done to the satisfaction of the Department, and all costs incurred by the Department shall be reimbursed by the Permit Holder.

7. The Department hereby reserves the right to order the change of location or the removal of any structure or structures authorized by this permit at any time, said change or removal to be made at the sole expense of the party or parties to whom this permit is issued, or their successors and assigns.

8. All such changes, reconstruction, or relocation by the Permit Holder shall be done in such manner as will cause the least interference with any of the Department's work, and the Department shall in no wise be held liable for any damage to the Permit Holder by reason of any such work by the Department, its agents or representatives, or by the exercise of any rights by the Department upon roads, streets, public places, or structures in question.

9. This permit or privilege shall not be deemed or held to be an exclusive one and shall not prohibit the Department from granting other permits or franchise rights of like or other nature to other public or private companies or individuals, nor shall it prevent the Department from using any of its roads, streets, or public places, or affect its right to full supervision and control over all or any part of them, none of which is hereby surrendered.

10. The Department may revoke, amend, or cancel this permit or any of the provisions thereof at any time by giving written notice to the Permit Holder. The Permit Holder shall immediately remove all facilities from the right of way. Any facilities remaining upon the right of way 30 days after written notice of cancellation shall be removed by the department at the Permit Holder's expense.

11. The party or parties to whom this permit is issued shall maintain at its or their sole expense the structure or object for which this permit is granted in a condition satisfactory to the Department.

12. Upon approval of this permit the Permit Holder shall diligently proceed with the work and comply with all provisions herein.

13. This permit is subject to all applicable provisions of RCW 47.32, RCW 47.40 and/or RCW 47.12.140(2) and amendments thereto. Chapter 47.44 RCW, and amendments thereto.

14. The Permit Holder hereby certifies that the facilities described in this permit are in compliance with the Control Zone Guidelines.
Special Provisions for Highway Encroachments

Permit No. 49727

Applicable provisions are denoted by □

□ 1. No work provided for herein shall be performed until the Permit Holder is authorized by the following Department representative:

Wick McCurdy/Bill Gould
WSDOT
1651 N. Wenatchee Ave.
Wenatchee, WA 98801
(509) 667-3067/2909

□ 2. Prior to the beginning of construction, a preconstruction conference shall be held at which the Department and the Permit Holder and Permit Holder's engineer, contractor, and inspector shall be present.

□ 3. Should the Permit Holder choose to perform the work outlined herein with other than its own forces, a representative of the Permit Holder shall be present at all times unless otherwise agreed to by the Department representative. All contact between the Department and the Permit Holder's contractor shall be through the representative of the Permit Holder. Where the Permit Holder chooses to perform the work with its own forces, it may elect to appoint one of its own employees engaged in the construction as its representative. Failure to comply with this provision shall be grounds for restricting any further work by the Permit Holder within the State right of way until said requirement is met. The Permit Holder, at its own expense, shall adequately police and supervise all work on the above described project by itself, its contractor, subcontractor, agent, and others, so as not to endanger or injure any person or property.

□ 4. A copy of the permit must be on the job site and protected from the elements at all times during any of the construction authorized by said permit.

□ 5. This permit does not give the Permit Holder or any agent or contractor of the Permit Holder any rights to cut, spray, retard, remove, destroy, damage, disfigure or in any way modify the physical condition of any vegetative material located on the highway right of way, except by written permission from the Department or for purposes as described by No. 6 if denoted below. All restoration shall be done to the satisfaction of the Department at the sole expense of the Permit Holder.

□ 6. If necessary to increase sight distance, brush shall be removed from both sides of the access connection and stumps shall be removed. The indiscriminate cutting of merchantable timber or disfiguring of any feature of scenic value shall not be permitted.

□ 7. The access connection(s) shall be constructed in accordance with the attached
Sufficient length of \( \text{diameter culvert pipe} \) shall be placed in ditch and laid to a true line and grade.
The access connection(s) shall be surfaced to the limits as shown on the plan with a 150 millimeter (6 inch) minimum compacted depth of gravel base material and a 80 millimeter (3 inch) compacted depth of crushed surfacing top course. Asphalt paving will not be required. Finished grade of the access connection shall be in accordance with the profile control as shown on the attached plan. Directing of surface water from private property to Department right of way will not be permitted, unless otherwise approved by the Department.

□ 8. The access connection(s) shall be constructed in accordance with the attached
Sufficient length of \( \text{diameter culvert pipe} \) shall be placed in ditch and laid to a true line and grade.
The connection(s) shall be surfaced to the limits as shown on the plan with a 150 millimeter (6 inch) minimum compacted depth of gravel base material, a 80 millimeter (3 inch) minimum compacted depth of crushed surfacing top course, and paved with a 80 millimeter (3 inch) minimum compacted depth of Asphaltic Concrete Class B unless otherwise specified by the Department. Any existing oil mat on shoulder or roadway shall be removed and new pavement laid to a butt joint with existing pavement. Finished grade of new pavement shall be in accordance with the profile control as shown on attached plan. Directing of surface water from private property onto Department right of way will not be permitted, unless otherwise approved by the Department.

□ 9. All buildings and appurtenances shall be so located at a distance from the right of way line of any State Highway that none of the right of way therefore is required for use of the patrons or customers of any such establishment. Permit Holder shall comply with local building codes. Set-back requirements for the location of buildings in relation to the right of way line are a function of local authorities, and they should be consulted regarding requirements that must be adhered to.
10. The Permit Holder agrees to schedule the work herein referred to and perform said work in such a manner as not to delay the Department's contractor in the performance of his contract.

11. Work within the right of way shall be restricted to Daylight Hours, and no work shall be allowed on the right of way Saturday, Sunday, or holidays, unless authorized by the Department. Any lane closures must be submitted for approval in advance of use. The hours of permitted closure may differ from the above noted hours.

12. The shoulders, where disturbed, shall be surfaced with crushed surfacing top course minimum compacted depth, or as directed by the Department. The surface of the finished shoulder shall slope down from the edge of pavement at the rate of 5% unless otherwise directed. The restored shoulder must not have any strips or sections less than 0.6 meters (2 feet) wide. The restored shoulder shall be surfaced with

13. The Permit Holder shall be responsible for constructing and maintaining the access connection(s) and appurtenances between the shoulder line of the highway and the right of way line inclusive of surfacing and drainage. The Department has the right to inspect all installations at the time of construction and at any time afterward and to require that necessary changes and repairs be made. Unsatisfactory work will be corrected by the Department, at the Permit Holder's expense, or access may be removed at the Permit Holder's expense. Directing of surface water from private property onto Department right of way will not be permitted.

14. The access connection shall be sufficiently surfaced back an adequate distance from the edge of the pavement to prevent any tracking of material onto the highway. Any tracking of material onto the highway shall be subject to enforcement of Chapter 46.61.655 RCW and shall be immediately cleaned up by the Permit Holder or the Permit Holder's agent.

15. Standard highway warning signs designated as "Truck Crossing" sign, plate W-8-6, shall be placed and maintained at Permit Holder's expense on each side of the access connection. Signs shall be in evidence only when access is actually being used. If necessary, flagmen shall be provided. Sufficient parking space shall be provided by the Permit Holder outside Department right of way so no vehicles will be parked on said right of way.

16. All manholes, valve covers, and like appurtenances shall be constructed at such an elevation to conform to the shoulder slope from the edge of pavement or as directed by the Department.

17. All slopes, slope treatment, top soil, ditches, pipes, etc., disturbed by this operation shall be restored to their original cross section and condition. All hazards shall be marked by warning signs, barricades, and lights. If necessary, flagmen shall be employed for the purpose of protecting the traveling public. Roadside operations shall be specified by the Department's representative.

18. During the construction and/or maintenance of this facility, the Permit Holder shall comply with the Manual on Uniform Traffic Control Devices for Streets and Highways, (Federal Highway Administration) and Washington modifications thereto. If determined necessary by the Department, the Permit Holder shall submit a signing and traffic control plan to the Department's representative for approval prior to construction or maintenance operations. No lane closures shall be allowed except as approved by the Department representative. Approvals may cause revision of special provisions, including hours of operation.

19. Bond coverage required to ensure proper compliance with all terms and conditions of said permit will be furnished by a Blanket Surety Bond held by the Department at the Olympia Service Center.

20. A surety bond in the amount of written by a surety company authorized to do business in the State of Washington shall be furnished to ensure compliance with any and all of the terms and conditions of this permit and shall remain in force until all work under this permit has been completed and approved by the Department.

21. Relative to advertising adjacent to all State highways, we wish to call your attention to the Scenic Vistas Act of 1971, Chapter 47.42 RCW and State Transportation Commission ruling Chapter 468-66 WAC. Violation of this section of the statutes will be sufficient cause for cancellation of this permit. On-premise signs are allowed.

22. The Permit Holder shall notify the Department's representative upon completion of the work under this permit so that a final inspection can be made.

23. The responsibility of the Permit Holder for proper performance, safe conduct, and adequate policing and supervision of the project shall not be lessened or otherwise affected by Department approval of plans, specifications, or work, or by the presence at the work site of Department representatives, or by compliance by the Grantee with any requests or recommendations made by such representatives.

24. All material and workmanship shall conform to the Washington State Department of Transportation Standard Specifications for Road, Bridge and Municipal Construction, current edition, and amendments thereto, and shall be subject to inspection by the Department.
25. Equipment or material will not be parked or stored within 15 feet from the edge of traveled way during non-working hours.

26. Only equipment with rubber tires or street pads will be allowed on the roadway. Tracked vehicles with cleats or other devices that may damage the road surfacing will not be allowed.

27. It is the responsibility of the applicant or Permit Holder to obtain any other local permits or other agency approvals that may be required including buried utility relocation approval from the STATE should there be existing buried utilities in the way within WSDOT right of way.

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

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

High visibility garments shall always be the outermost garments.

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

29. The Permit Holder is required to replace and/or relocate any roadway signing impacted by construction as directed by the Department.

30. The Permit Holder will dispose of the asphalt materials outside WSDOT right of way. The applicant shall acquire all permits and approvals required for the use of the disposal site. Disposal of material within a wetland area will not be allowed.

32. The Permit Holder is required to call for buried utility locates a minimum of two business days before drilling takes place: 1-800-424-5555 (or 811).

33. Permanent Signing, including the stop sign and steel post and County Sign indentifiers, shall be furnished and installed by the Permit Holder as required by WSDOT.
Sawcut 1A inside existing edge of pavement

Surfacing Requirements:
0.50' compacted depth HMA*
0.85' compacted depth CSBC
* Placed in 2 lifts

Reme + replace with Steel Post Type ST-Y

Permit # 93127
Exhibit D
April 8, 2014

Douglas Bramlette
Douglas County
140 19th St NW
East Wenatchee, WA 98802-4191

RE: Coverage under the Construction Stormwater General Permit

Permit number: WAR301795
Site Name: 23rd St NW
Location: 23rd St NW from SR 28 to N Baker Ave
          East Wenatchee          County: Douglas
Disturbed Acres: 5

Dear Mr. Bramlette:

The Washington State Department of Ecology (Ecology) received your Notice of Intent for coverage under Ecology’s Construction Stormwater General Permit (permit). This is your permit coverage letter. Your permit coverage is effective on April 8, 2014. Please retain this permit coverage letter with your permit (enclosed), stormwater pollution prevention plan (SWPPP), and site log book. These materials are the official record of permit coverage for your site.

Please take time to read the entire permit and contact Ecology if you have any questions.

Appeal Process
You have a right to appeal coverage under the general permit to the Pollution Control Hearing Board (PCHB) within 30 days of the date of receipt of this letter. This appeal is limited to the general permit’s applicability or non-applicability to a specific discharger. The appeal process is governed by chapter 43.21B RCW and chapter 371-08 WAC. “Date of receipt” is defined in RCW 43.21B.001(2).
Douglas Bramlette  
April 8, 2014  
Page 2

To appeal, you must do the following within 30 days of the date of receipt of this letter:

- File your appeal and a copy of the permit cover page with the PCHB (see addresses below). Filing means actual receipt by the PCHB during regular business hours.

- Serve a copy of your appeal and the permit cover page on Ecology in paper form - by mail or in person (see addresses below). E-mail is not accepted.

You must also comply with other applicable requirements in chapter 43.21B RCW and chapter 371-08 WAC.

Address and Location Information:

Street Addresses:  
Department of Ecology  
Attn: Appeals Processing Desk  
300 Desmond Drive SE  
Lacey, WA 98503

Pollution Control Hearings Board (PCHB)  
1111 Israel Road SW, Suite 301  
Tumwater, WA 98501

Mailing Addresses:

Department of Ecology  
Attn: Appeals Processing Desk  
PO Box 47608  
Olympia, WA 98504-7608

Pollution Control Hearings Board  
PO Box 40903  
Olympia, WA 98504-0903

Electronic Discharge Monitoring Reports (WQWebDMR)

This permit requires that Permittees submit monthly discharge monitoring reports (DMRs) electronically using Ecology’s secure online system, WQWebDMR. To sign up for WQWebDMR go to: www.ecy.wa.gov/programs/wq/permits/paris/webdmr.html. If you have questions, contact Tonya Wolfe at (360) 407-7097 (Olympia area), or (800) 633-6193/option 3, or email WQWebPortal@ecy.wa.gov.

Ecology Field Inspector Assistance

If you have questions regarding stormwater management at your construction site, please contact Mark Peterschmidt of Ecology’s Central Regional Office in Yakima at mark.peterschmidt@ecy.wa.gov, or (509) 454-7843.

Questions or Additional Information

Ecology is committed to providing assistance. Please review our web page at: www.ecy.wa.gov/programs/wq/stormwater/construction/. If you have questions about the construction stormwater general permit, please contact Joyce Smith at joyce.smith@ecy.wa.gov, or (360) 407-6858.

Sincerely,

Bill Moore, P.E., Manager  
Program Development Services Section  
Water Quality Program  
Enclosure
CONSTRUCTION STORMWATER
GENERAL PERMIT

National Pollutant Discharge Elimination System (NPDES) and State Waste Discharge General Permit for Stormwater Discharges Associated with Construction Activity

State of Washington
Department of Ecology
Olympia, Washington 98504

In compliance with the provisions of
Chapter 90.48 Revised Code of Washington
(State of Washington Water Pollution Control Act)
and
Title 33 United States Code, Section 1251 et seq.
The Federal Water Pollution Control Act (The Clean Water Act)

Until this permit expires, is modified or revoked, Permittees that have properly obtained coverage under this general permit are authorized to discharge in accordance with the special and general conditions that follow.

Kelly Susewind, P.E., P.G.
Water Quality Program Manager
Washington State Department of Ecology

CONSTRUCTION STORMWATER GENERAL PERMIT

National Pollutant Discharge Elimination System (NPDES) and State Waste Discharge General Permit for Stormwater Discharges Associated with Construction Activity

State of Washington
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Kelly Susewind, P.E., P.G.
Water Quality Program Manager
Washington State Department of Ecology

PART EIGHT

APPENDICES

- Stormwater Pollution Prevention Plan (SWPPP)
- Test Hole Data and Photographs
- Frontier Communications
- Douglas County Sewer District
- East Wenatchee Water District
- Public Utility District No. 1 of Douglas County
- Charter Communications
Stormwater Pollution Prevention Plan (SWPPP)

For:
23rd St. NE Reconstruction Project

Prepared For:
Washington State Department of Ecology
Central Regional Office
15 West Yakima Avenue, Suite 200
Yakima, WA 98902-3452
509-575-2490

SWPPP Contact(s):
County Engineer - Douglas Bramlette, PE, PLS
Project Permits - Justin Roozen
Douglas County Transportation
140 19th St. NW, Ste. A
East Wenatchee, WA 98802
Justin Roozen Cell - 509-630-3537
509-884-7173 Office
509-888-0406 Fax
jroozen@co.douglas.wa.us

SWPPP Preparation Date:
1/21/2014
Project Description
The project proposes to rebuild a section of 23rd St. NE from SR-28 to N. Baker Ave. This road does not meet current design standards. This project proposes to fix horizontal and vertical alignment, road width, pedestrian facilities, and add stormwater control and treatment. A stormwater pond is planned for the SW corner of SR-28 and 23rd St. NW.

The purpose of this SWPPP is to provide guidance to the contractor and the contractors dedicated CESCL (Certified Erosion and Sediment Control Lead) in minimizing erosion and sedimentation impacts due to this project. The contractor is responsible for implementing all appropriate measures to meet city, state and federal guidelines regarding water quality. This SWPPP is meant as guidance in the start of the project. As the project proceeds, BMP’s may need to be added to this plan to comply with aforementioned guidelines. Upon award, contact information below shall be completed by contractor.

Project Owner: Douglas County Transportation

Civil Engineer: Douglas Bramlette, PE, PLS

Contractor:

Name:

Address:

Phone:

Email:

Fax:

CESCL:

Name:

Address:

Phone:

Email:

Fax:
Existing Conditions

Location:
The proposed facility is 23rd St. NE, a Douglas County Urban Collector. The limits of the project are from SR-28 to N. Baker Ave. with a proposed stormwater treatment pond on the SW corner of the SR-28/23rd St. intersection. The proposed project site is approximately 2.5 acres and is located in the East Wenatchee Urban Area. The site is bordered by Cascade Elementary School and a church on the north side and housing on the north and south sides.

Topography:
The site is generally flat with gentle slopes in the east and west directions. Most adjoining properties are at existing road grade. The school property adjacent to the road is a grass field below the existing road grade. The proposed pond location is flat with 23rd St. NW elevated approximately ten feet above.

Land Cover and Soils:
Most of the adjoining land cover is irrigated lawn with trees scattered throughout. There is a paved parking lot at the church. There are 3 paved County roads that intersect 23rd St. NE within the project limits.

Structures and Utilities:
There is an existing irrigation pump house at the NE corner of N. Baker Ave. and 23rd St. NE. Existing utilities on site include; power, water, and irrigation. There are 5 public road access points on the project.

Drainage Facilities:
There are two inlet structures on N. Baker Ave. just north of 23rd St. NE. No other facilities are found onsite. SR-28 has limited stormwater facilities not in the immediate vicinity of the project.

Proposed Conditions
The proposed site will consist of 13 residences, 1 church and 1 elementary school. Most properties will require new entrances, utilities, landscaping and stormwater improvements. One property will contain the stormwater infiltration pond. The pipe connecting the roadway stormwater with the pond will travel under SR-28 as shown in the drawings. Since the project has limited topography, limited silt fencing is planned for keeping stormwater onsite/offsite in key locations. Project runoff will be conveyed in the westerly direction from the midpoint of the school property. Some runoff will travel to the east from this same point towards N. Baker Ave. At the corner of N. Baker Ave. and 23rd St. NE there are two stormwater inlets that will need protection. The west end of the project will need be able to handle and treat runoff that could affect SR-28. All access points will need cleanup on a daily/weekly basis to prevent track-off of sediment.

Erosion and Sediment Control
Temporary erosion and sediment controls (TESC) and Best Management Practices (BMP’s) will be used to mitigate potential erosion and sedimentation the may result from construction activities. The proximity of the project site to SR-28, County roadways and existing stormwater facilities make it crucial that proper TESC’s are implemented and maintained during construction.
Element #1
Mark Clear Limits

Prior to beginning land disturbing activities, including clearing and grading, all clearing limits shall be marked with fencing to avoid offsite impacts. On this site, areas to be marked include property lines along the north and south sides of 23rd St NE and the infiltration pond southeast of the SR-28 and 23rd St. intersection. High visibility fence/silt fence shall be used in sensitive areas as shown in the plans. Staking will be used in low sensitivity areas.

-BMP C101: Preserving Natural Vegetation
-BMP C103: High Visibility Plastic or Metal Fence

Element #2
Establish Construction Access

Any construction access points off of 23rd St. NE shall be kept free of contaminants on a daily basis. If necessary, access points shall be swept or washed at the end of each day or as directed. Swept materials shall be deposited at an approved onsite/offsite disposal area.

Element #3
Control Flow Rates

Temporary sediment traps shall be built if necessary to collect any surface runoff during construction to prevent sediment laden runoff from reaching offsite areas. Siting of traps shall be located where overflow can reach offsite properties or roadways. At the end of project construction or major runoff event, traps shall not be cleaned and material disposed of at an approved onsite/offsite disposal area.

BMP C240: Sediment Trap

Element #4
Install Sediment Controls

The contractor shall try to maintain any natural vegetation in as undisturbed condition as possible. Where work is performed, the following BMP’s may be used to control runoff:

- Storm Drain Inlet Protection (Standard Plan I-40.20-00). Use at intersection of N. Baker Ave. and 23rd St. NE on existing inlets north of the intersection. Use as necessary on project installed inlets.

- High Visibility Silt Fence (Standard Plan I-30.17-00). Use at locations as shown in project drawings. Use as necessary to control additional locations where project runoff to surrounding properties may occur.

- Sediment Trap (Standard Plan I-80.10-01). Use at locations within project to prevent dirty runoff from leaving site.

BMP C233: Silt Fence
BMP C240: Sediment Trap
BMP C251: Construction Stormwater Filtration

**Element #5**  
Stabilize Soils

Any exposed soils unworked for a significant period shall be stabilized using effective cover BMP’s. Between October 1 and April 30, no exposed and unworked soils shall be left exposed for more than two days. Between May 1 and September 30, no exposed and unworked soils shall remain exposed and unworked for more than seven days. Soils planned to be exposed and unworked for greater than one month shall be temporarily mulched, seeded or sodded with adequate protection provided to stabilize the soil until the vegetation is established. Stockpiles and areas exposed for shorter periods may be stabilized using appropriate BMP’s.

**BMP C130: Surface Roughening**  
**BMP C123: Plastic Covering**  
**BMP C140: Dust Control**  
**BMP C124: Sodding**  
**BMP C121: Mulching**

**Element #6**  
Protect Slopes

This site does not have steep slopes within disturbed limits. On steep areas such as stockpiles, BMP’s from Element #5 may be used to minimize erosion.

**Element #7**  
Protect Drain Inlets

New and existing drain inlets (catch basins) shall be protected by placing storm drain inlet protection at each affected catch basin. Each basin shall be inspected weekly, and daily during storm events. Inlet protection shall be cleaned or replaced prior to the accumulation of six inches of sediment.

**BMP C220: Storm Drain Inlet Protection**

**Element #8**  
Stabilize Channel and Outlets

No channels exist on this project so this element is unnecessary.

**Element #9**  
Control Pollutants

All potential pollutants, including but not limited to wash water, human wastes, chemicals, oils, fuels, vehicular lubrication and cooling fluids, miscellaneous trash and waste materials, demolition debris, pesticides, herbicides, and fertilizers shall be handled in such a manner to prevent contamination of stormwater. Stored hazardous materials shall be protected from vandalism, covered, and have spill containment in place. Any spillage of hazardous materials into surface waters or into the ground shall be
immediately reported to Douglas County, the Washington State Department of Ecology, and other appropriate state or federal authorities and immediately contained. Pesticides, herbicides or fertilizers shall not be applied during or immediately prior to expected precipitation events, and application shall follow the manufacturer’s recommendations.

_BMP C151: Concrete Handling_  
_BMP C152: Sawcutting and Surfacing Pollution Prevention_  

**Element #10**  
**Control De-Watering**

De-watering water from trenches or other excavations shall be discharged across undisturbed vegetation areas, to allow dispersal and infiltration, or into previously constructed temporary sediment traps. De-watering water shall not be allowed to directly discharge onto offsite areas.

**Element #11**  
**Maintain BMP’s**

All temporary and permanent erosion and sediment control BMP’s shall be maintained, repaired and enhanced by the contractor as necessary to assure continued performance of their intended functions. Except as previously noted, all BMP’s shall be inspected at a minimum on a weekly basis, and during or immediately following a significant storm event (any storm exceeding 0.5 inches rainfall within 24 hours, or 2.0 inches of rainfall within 7 days).

Within 30 days of final site stabilization or when no longer applicable, temporary BMP’s shall be removed from the site. Any accumulated debris and sediments shall be disposed of at an approved onsite or offsite location and each BMP site itself shall be permanently stabilized.

**Element #12**  
**Manage the Project**

Project construction shall begin only after initial temporary sedimentation and erosion control BMP’s haven been put in place. Soil disturbance shall be avoided during precipitation events and priority shall be placed on maintaining existing vegetation in work areas as long as possible.

The contractor’s CESCL shall follow all elements of this SWPPP. If circumstances require additional BMP’s beyond those recommended in this SWPPP to prevent construction-caused contaminated runoff from leaving the project site, it is the contractor’s responsibility to implement those additional BMP’s.

The CESCL shall also keep a weekly log of BMP inspections, noting any problems, repairs performed, or additional BMP’s used. Copies of this SWPPP and completed inspection forms shall be kept current and onsite at all times during construction.

The owner and contractor shall be aware that the Washington State Department of Ecology has the authority to levy significant fines against the project owner if runoff exceeding allowed contaminant levels due to any onsite activity is found to be discharging from the project site.
SWPPP Drawings

See SWPPP page of project plans.
### DESCRIPTION OF MATERIAL

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<td>stopped auger @ a depth of 9' below the surface</td>
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DOT FORM 350-017

REvised 9/83 -710

NRCS Predominant Soil Type - #262 - Pogue fine sandy loam 3% - 8% slopes
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<td>poorly graded sandy gravel with cobbles, subrounded, dense, dry, homogeneous</td>
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</table>

NRCS Predominant Soil Type - #266 - Pogue cobbly fine sandy loam 0 - 15% slopes
Crushed Surfacing

TH-1

TH-1 2
May 1, 2014

Douglas County Transportation and Land Services
140 19th St. NW, Suite A
East Wenatchee, WA 98802

RE: 23RD ST NE Improvements – Revised Sequence

Frontier has reviewed the plans for your project and has identified the following sequences and constraints:

Constraints-
- Staking of right of way and grade. -Complete
  - Staking of back of fence from 8+00 to 13+00. -Complete
  - Stake new catch basin at 3+45 so Frontier can dig around it. -Complete
  - Stake back of walk from 8+00 to 1+00 -Complete
- Inspect Frontier’s crossing for accurate depth to avoid the new storm at 3+00. -Complete
- Advise Frontier when TIP funding for the revised road plan is approved. -Complete
  - Frontier will order material to start the relocation work once the County is 100% positive their project will move forward. -Complete
- Frontier will need permission from Cascade Elementary to come on school property to construct the new pole and underground leads at the back of the proposed right of way
  - Crews will be working during school hours and will need a temporary chain link fence to sanction off the area for 1 week. –Complete
- ***New Item*** The wall cut from 1+00 to 2+00 will need to be complete before Frontier can relocate through that section.
  - The contractor will need to notify Frontier 1 week before the cut to allow Frontier to temporary the line around the construction zone.
  - The contractor will need to notify Frontier 3 business days prior to the completion of the cut. This will allow Frontier time to mobilize a crew to perform the relocation work through the cut section.
  - The contractor will need to give Frontier 1 day to complete the relocation
- Any damages to Frontier’s cable during road construction should be reported directly to Frontier’s repair line at 1-877-462-8188 or the local maintenance supervisor, Pete Sima 509-662-9262 / 509-670-8713

Sequences-
- 1 to 3 days to set the new poles at: -Complete
  - 4+25, 5+95, 7+65, 9+75, and 11+30
- 1 day to set new pedestals at: -Complete
  - 3+00 and 12+65
• 1 day trench new 4” conduit from 12+65 to 11+30. -Complete
• 1 day to trench a new crossing at 3+00 -Complete
• 1 day to trench new 4” conduit from 3+00 to 4+25. -Complete
• 2 days to trench new 4” conduit from 3+00 to an existing pedestal in front of the HUD home on the NE corner of SR28 and 23RD. (Dependent on D.O.T. permit) –Revised New Item
  o Frontier will temp around the section from 1+00 to 2+00 to allow the wall cut
  o After the wall cut is complete, Frontier will trench under the proposed walk alignment to relocate the cable and remove the temporary line.
  o Frontier will need 1 day for each of the above operations.
• 2 days to place new aerial and underground cables.
• 2 days to cut over services.
• 1 day to wreck all the old cable and poles.

Frontier should be able to complete all the above mentioned activities before the commencement of the road project if given enough advanced noticed that the project funding is 100%.

For coordination with Frontier the County contractor may contact Zeke Johnstone at 509-662-9262 or at Zeke.C.Johnstone@ftr.com.

Bidders are also welcome to email me for a request to walk the site.

Sincerely,

Zeke Johnstone
Frontier Communications
Outside Plant Engineer
509-662-9262
zeke.c.johnstone@ftr.com
March 24, 2014

Mr. Doug Bramlette, P.E.
Douglas County Transportation and Land Services
140 19th St NW, Suite A
East Wenatchee, WA 98802

Sent Via: US Mail

Subject: 23rd Street NE Reconstruction
Douglas County Sewer District Component

Dear Mr. Bramlette:

Per request of Douglas County (County) in a letter to the Douglas County Sewer District (District) dated June 24, 2013, this letter is intended to briefly describe the anticipated impacts of the County’s 23rd Street NE Reconstruction project.

The District has existing gravity sanitary sewer facilities within the construction area. There are 8-inch, 12-inch, 15-inch and 18-inch diameter sewer mains and manholes in the roads. At the intersection of Sunset Highway, there is a short 8-inch diameter mainline stubout from the north side of the existing manhole. This will need to be extended to the edge of the improvements so that a future sewer extension will not require excavation in the intersection.

There are approximately eight side sewers extended to existing properties, though only three of them appear to be hooked up and in service. The others terminate at or near the existing right-of-way. Each side sewer includes a cleanout riser at or near the right of way, though not all have been located. The cleanouts on the north side of the road fall within the proposed road and sidewalk improvements. These will need to be relocated to just behind the new right-of-way line.

The District expects that any road and utility improvements will not impact the existing sewer mains or require their relocation. If this is not the case, please contact the District immediately.

The following items shall be incorporated into the project scheduling and sequencing.

- The District will provide plans and specifications for the sanitary sewer work to be incorporated into the County’s project.
- Modifications to active side sewers will require close coordination between the contractor, property owner, and District to insure minimum inconvenience to the customers.
- Side sewer outages may not exceed 8 hours at a time and the outage may only occur between 8:00 am and 5:00 pm unless prior arrangements are made with the District and property owner.
• Sewer mainlines may not be taken out of service unless a temporary bypass system is provided and maintained by the contractor. We do not anticipate that this will be needed.
• All work is expected to be performed by the Contractor. The District will only provide part time inspection.

Thank you for the opportunity to work together on this project. If you have any questions, please do not hesitate to contact us.

Sincerely,

RH2 ENGINEERING, INC.

Ryan Peterson, P.E.
Project Manager

RP/kj

cc: Bernita Landers, Manager, Douglas County Sewer District
March 24, 2014

Mr. Douglas E. Bramlette, P.E.
County Engineer
Douglas County Transportation and Land Services
140 19th St NW, Suite A
East Wenatchee, WA  98802

RE:  23rd Street NE Water Utility Improvements

Dear Mr. Bramlette,

Per your staffs’ request this letter is intended to briefly describe the East Wenatchee Water District’s (District) needed improvements within the County’s road project on 23rd Street NE.

The County is reconstructing the above referenced street from Sunset Highway east to Baker Avenue. The District has an existing six inch ductile iron main in 23rd Street from Baker west to North Ashland Ave. The existing main is on the south side of the street. The water improvements within this area is comprised of using the existing six inch ductile iron main and replacing the existing water services, all as show on the project drawings.

From Ashland west to Arden Court is old four inch steel pipe. This area will involve the replacement of the four inch steel pipe with new eight inch ductile water main. Also included is the replacement of the existing water services. This section of new water main needs to be reconnected to the existing mains on the side streets, all as shown on the project drawings.

From Ashland west to SR28 the District doesn’t have any water main so this project includes the installation of new eight inch ductile iron pipe. This includes the connections to adjoining pipes at each end and the replacement of water services, all as shown on the project drawings.

The existing water customers will need their water service on a continued basis except for short periods of times needed to make the final connections to the mains and their existing water service line. The final connection for water meter cut overs can only occur after the new mains have been pressure tested, flushed, approved water samples received, and approval of the District.

Water service outages may not exceed 8-hours at a time and the outage can only occur from between 8:00 am and 5:00 pm, Monday through Thursday, unless prior arrangements are made with the District.

All work is expected to be done by the Contractor. The District will provide inspection and take purity testing samples.

Thank you,

Greg Brizendine
Manager
March 31, 2014

Mr. Douglas E. Bramlette
Douglas County TLS
140 19th Street NW, Suite A
East Wenatchee, WA 98802

RE: 23rd St NE

Dear Mr. Bramlette,

Douglas PUD understands that Douglas County is planning to reconstruct 23rd Street NE from SR28 to N. Baker Avenue. It is in the best interest of Douglas PUD to work with you and your contractor to avoid any conflicts. Our understanding is that the project will consist of road widening, new curb gutters and sidewalk, new storm and water lines and the relocation of irrigation lines running along 23rd Street. Per your request, Douglas PUD has developed the following timeline required for each of the expected crossings and impacts.

Douglas PUD is currently working with Frontier communications and your survey crews to relocate the overhead line crossing at station 3+00 underground. Douglas PUD plans to install an additional underground crossing starting on the south side of the road at approximately station 4+35 and ending on the north side of the road at station 4+15 at a depth of 36” to avoid conflicts with the water and storm system. We plan on doing this work just prior to the contractors start date. If it is determined during the reconstruction meeting that we will be able to work inside the road closure without affecting the contractor the PUD may wait to perform this work until then. It is our understanding that the pump service at station 13+05 will need to be relocated. This work will need to be requested in distribution engineering on a customer service request and coordinated with the county’s contractor as work progresses. The PUD will need two (2) weeks notice to schedule the conversion from overhead to underground. PUD crews are available 7:00 a.m. to 3:30 p.m. Monday thru Friday except holidays.

Thank you for your time and consideration in this matter. Please feel free to contact me regarding any questions or concerns on this project. We look forward to working with you to complete this project in a timely manner.

Sincerely,

Michael Gasbar
Assistant Distribution Systems Engineer

Cc: Jerry Kyle
   Assistant Manager-Distribution Engineering
Mr. Doug Bramlette, PE, PLS  
Douglas County TLS  
140 19th St NW  
East Wenatchee, WA 98802

RE: 23rd St Reconstruction  

Dear Mr. Bramlette,

I have reviewed the plans for this project. The purpose of this letter is to identify Charter’s plans for coordinated utility relocation within the project limits of the 23rd St Reconstruction project. This letter also addresses potential involvement by Charter within the project limits.

1) **Sta A3+00**: Charter will be crossing 23rd St NE underground (north and south) with Frontier and PUD. This will be done the first week of April.
2) **Sta A4+35**: Charter will be crossing 23rd St NE (north and south) with PUD. Please reference DCPUD sequencing for timeline.
3) **Sta A7+58 offset 28’ LT**: Charter will relocate the Charter anchor and guy wire approx. 6’ to the north to avoid sidewalk return. This will need to be done after DCPUD relocates their anchor/guy wire at the same station.
4) **Sta A13+21 offset 17’ RT**: Charter’s underground pipes are in conflict with the planned 18” storm pipe. Charter will need to lower these pipes. This will need to be coordinated to allow for Charter’s contractor to excavate for lowering the pipes after the existing irrigation lines at this station are abandoned.

Charter will make every attempt to accommodate Douglas County and its contractor to ensure that the project is not unnecessarily delayed. Please contact me with any questions or concerns you may have regarding the anticipated conflicts and proposed coordination activities listed above.

Thank you,

Ty Marshall  
Charter Communications  
Construction Coordinator

(509) 667-4415 Work  
(509) 387-6229 Mobile  
Ty.Marshall@charter.com  
145 Easy St.  
Wenatchee, WA 98801