

## NOTICE

This set of contract plans and provisions has been downloaded. The County cannot track the firms or persons who have downloaded copies of the posted document(s); therefore, the County cannot ensure that subsequent addenda or changes have been sent to all interested parties. It is the responsibility of interested persons or firms to contact the Whitman County Public Works Department in order to confirm that you have the most recent release and any and all addenda related to the project. You may also request to be added to the planholders list.



# **CONTRACT PROVISIONS AND PLANS**

**FOR REHABILITATION OF:**

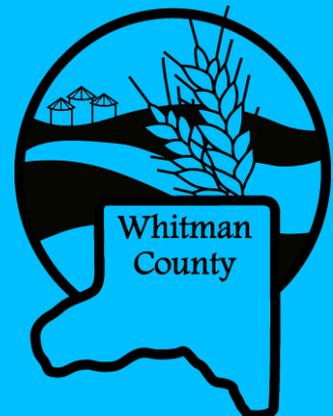
## **HATLEY BRIDGE**

### **C.R.B.P. No. 9010-05.19(9)**

**FEDERAL AID No.: BHS-38BR(002)  
CONTRACT No.: TA 4531**

**WHITMAN COUNTY  
DEPARTMENT OF  
PUBLIC WORKS**

**COLFAX, WASHINGTON**









**TABLE OF CONTENTS**  
HATLEY BRIDGE - C.R.B.P. No. 9010-05.19(9)

|  | <u>PAGE</u> |
|--|-------------|
| INTRODUCTION   | 1           |
| <b>AMENDMENTS TO THE STANDARD SPECIFICATIONS</b>                 |             |
| SECTION 1-01, DEFINITION AND TERMS                               | 1           |
| SECTION 1-02, BID PROCEDURES AND CONDITIONS                      | 1           |
| SECTION 1-03, AWARD AND EXECUTION OF CONTRACT                    | 2           |
| SECTION 1-04, SCOPE OF WORK                                      | 2           |
| SECTION 1-05, CONTROL OF WORK                                    | 6           |
| SECTION 1-07, LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC | 7           |
| SECTION 1-08, PROSECUTION AND PROGRESS                           | 8           |
| SECTION 1-10, TEMPORARY TRAFFIC CONTROL                          | 9           |
| SECTION 2-01, CLEARING, GRUBBING, AND ROADSIDE CLEANUP           | 13          |
| SECTION 2-03, ROADWAY EXCAVATION AND EMBANKMENT                  | 13          |
| SECTION 3-04, ACCEPTANCE OF AGGREGATE                            | 14          |
| SECTION 5-04, HOT MIX ASPHALT                                    | 14          |
| SECTION 6-02, CONCRETE STRUCTURES                                | 16          |
| SECTION 8-01, EROSION CONTROL AND WATER POLLUTION CONTROL        | 27          |
| SECTION 8-11, GUARDRAIL  | 29          |
| SECTION 9-03, AGGREGATES   | 29          |
| SECTION 9-07, REINFORCING STEEL                                  | 31          |
| SECTION 9-14, EROSION CONTROL AND ROADSIDE PLANTING              | 31          |
| SECTION 9-16, FENCE AND GUARDRAIL                                | 32          |
| SECTION 9-31, ELASTOMERIC BEARING PADS                           | 33          |
| SECTION 9-34, PAVEMENT MARKING MATERIAL                          | 33          |
| SECTION 9-35, TEMPORARY TRAFFIC CONTROL MATERIALS                | 34          |

|  |  |             |
|--|--|-------------|
| <b>SPECIAL PROVISIONS</b>                            |  | <u>PAGE</u> |
| INTRODUCTION TO THE SPECIAL PROVISIONS               |  | 35          |
| <b>DIVISION 1<br/>GENERAL REQUIREMENTS</b>           |  |             |
| <b>DESCRIPTION OF WORK</b>                           |  |             |
| LOCATION OF PROJECT                                  |  | 35          |
| DESCRIPTION OF WORK                                  |  | 36          |
| <b>DEFINITIONS AND TERMS</b>                         |  |             |
| DEFINITIONS  |  | 36          |
| <b>BID PROCEDURES AND CONDITIONS</b>                 |  |             |
| PRE-BID SHOWING                                      |  | 38          |
| QUALIFICATIONS OF BIDDER                             |  | 38          |
| PLANS AND SPECIFICATIONS                             |  | 38          |
| PROPOSAL FORMS                                       |  | 38          |
| PREPARATION OF PROPOSAL                              |  | 39          |
| BID DEPOSIT  |  | 39          |
| DELIVERY OF PROPOSAL                                 |  | 39          |
| PUBLIC OPENING OF PROPOSALS                          |  | 40          |
| IRREGULAR PROPOSALS                                  |  | 40          |
| PRE AWARD INFORMATION                                |  | 41          |
| <b>AWARD AND EXECUTION OF CONTRACT</b>               |  |             |
| CONTRACT BOND  |  | 41          |
| <b>CONTROL OF WORK</b>                               |  |             |
| CONFORMITY WITH AND DEVIATIONS FROM PLANS AND STAKES |  | 42          |
| REMOVAL OF DEFECTIVE AND UNAUTHORIZED WORK           |  | 48          |
| FINAL INSPECTION                                     |  | 48          |

|   | <u>PAGE</u> |
|---|-------------|
| SUPERINTENDENTS, LABOR AND EQUIPMENT OF CONTRACTOR        | 50          |
| METHOD OF SERVING NOTICES                                 | 50          |
| WATER AND POWER   | 50          |
| ORAL AGREEMENTS   | 50          |
| <b>CONTROL OF MATERIAL</b>                                |             |
| BUY AMERICA   | 51          |
| <b>LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC</b> |             |
| LAWS TO BE OBSERVED                                       | 52          |
| STATE SALES TAXES   | 53          |
| ENVIRONMENTAL REGULATIONS                                 | 54          |
| PERMITS AND LICENSES                                      | 54          |
| LOAD LIMITS   | 55          |
| WAGES   | 55          |
| REQUIREMENTS FOR NONDISCRIMINATION                        | 56          |
| FEDERAL AGENCY INSPECTION                                 | 69          |
| UTILITIES AND SIMILAR FACILITIES                          | 70          |
| PUBLIC LIABILITY AND PROPERTY DAMAGE INSURANCE            | 71          |
| PUBLIC CONVENIENCE AND SAFETY                             | 73          |
| RIGHTS OF WAY   | 74          |
| <b>PROSECUTION AND PROGRESS</b>                           |             |
| PRELIMINARY MATTERS                                       | 75          |
| HOURS OF WORK   | 75          |
| SUBCONTRACTING  | 76          |
| PROSECUTION OF THE WORK                                   | 78          |
| TIME FOR COMPLETION                                       | 78          |
| LIQUIDATED DAMAGES  | 79          |

**MEASUREMENT AND PAYMENT**

|                               | <u>PAGE</u> |
|-------------------------------|-------------|
| SCALES                        | 79          |
| PAYMENTS                      | 79          |
| CLAIMS \$250,000 OR LESS      | 81          |
| ADMINISTRATION OF ARBITRATION | 81          |

**TEMPORARY TRAFFIC CONTROL**

|                            |    |
|----------------------------|----|
| TRAFFIC CONTROL MANAGEMENT | 81 |
| MEASUREMENT                | 82 |

**DIVISION 2  
EARTHWORK**

**CLEARING, GRUBBING, AND ROADSIDE CLEANUP**

|             |    |
|-------------|----|
| DESCRIPTION | 82 |
|-------------|----|

**REMOVAL OF STRUCTURES AND OBSTRUCTIONS**

|                           |    |
|---------------------------|----|
| CONSTRUCTION REQUIREMENTS | 82 |
| PAYMENT                   | 84 |

**ROADWAY EXCAVATION AND EMBANKMENT**

|                           |    |
|---------------------------|----|
| CONSTRUCTION REQUIREMENTS | 84 |
| MEASUREMENT               | 84 |

**STRUCTURE EXCAVATION**

|                           |    |
|---------------------------|----|
| CONSTRUCTION REQUIREMENTS | 85 |
|---------------------------|----|

**DIVISION 4  
BASES**

**BALLAST AND CRUSHED SURFACING**

|                           |    |
|---------------------------|----|
| CONSTRUCTION REQUIREMENTS | 85 |
|---------------------------|----|

**DIVISION 5  
SURFACE TREATMENTS AND PAVMENTS**

**HOT MIX ASPHALT**

|                           | <u>PAGE</u> |
|---------------------------|-------------|
| MATERIALS                 | 86          |
| CONSTRUCTION REQUIREMENTS | 86          |

**SAWCUT EXISTING PAVEMENT**

|                          |    |
|--------------------------|----|
| CONSTRUCTION DESCRIPTION | 89 |
| MEASUREMENT              | 90 |
| PAYMENT                  | 90 |

**DIVISION 6  
STRUCTURES**

**GENERAL REQUIREMENTS FOR STRUCTURES**

|                                      |    |
|--------------------------------------|----|
| FOUNDATION DATA                      | 90 |
| WORK ACCESS AND TEMPORARY STRUCTURES | 90 |

**CONCRETE STRUCTURES**

|                           |    |
|---------------------------|----|
| MATERIALS                 | 91 |
| CONSTRUCTION REQUIREMENTS | 92 |
| MEASUREMENT               | 93 |
| PAYMENT                   | 93 |

**TIE BACK ANCHOR SYSTEM**

|                           |    |
|---------------------------|----|
| CONSTRUCTION REQUIREMENTS | 94 |
| MEASUREMENT               | 94 |
| PAYMENT                   | 94 |

**NEW ABUTMENT CAP**

|                           |    |
|---------------------------|----|
| CONSTRUCTION REQUIREMENTS | 95 |
| MEASUREMENT               | 96 |
| PAYMENT                   | 96 |

**DIVISION 7  
DRAINAGE STRUCTURES, STORM SEWERS  
SANITARY SEWERS, WATER MAINS, AND CONDUITS**

**STORM SEWERS**

|                           |                   |
|---------------------------|-------------------|
| CONSTRUCTION REQUIREMENTS | <u>PAGE</u><br>97 |
|---------------------------|-------------------|

**DIVISION 8  
MISCELLANEOUS CONSTRUCTION**

**EROSION CONTROL AND WATER POLLUTION CONTROL**

|                           |    |
|---------------------------|----|
| CONSTRUCTION REQUIREMENTS | 97 |
|---------------------------|----|

**CHAIN LINK FENCE AND WIRE FENCE**

|             |    |
|-------------|----|
| MATERIALS   | 98 |
| MEASUREMENT | 98 |
| PAYMENT     | 99 |

**RIPRAP**

|             |    |
|-------------|----|
| MEASUREMENT | 99 |
| PAYMENT     | 99 |

**STANDARD PLANS**

|                |    |
|----------------|----|
| STANDARD PLANS | 99 |
|----------------|----|

**APPENDIX A**

|                        |
|------------------------|
| STANDARD PLAN DRAWINGS |
|------------------------|

**APPENDIX B**

|                              |
|------------------------------|
| FHWA-1273                    |
| EXPLORATORY TEST PITS        |
| HYDRAULIC PROJECT APPROVAL   |
| NATIONWIDE PERMIT CONDITIONS |
| TESC PLAN                    |

**APPENDIX C**

|                    |
|--------------------|
| FEDERAL WAGE RATES |
| STATE WAGE RATES   |

SUPPLEMENTAL TO WAGE RATES

**APPENDIX D**

PROPOSAL  
PROPOSAL BOND



## **INTRODUCTION**

JANUARY 6, 2014

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 1-01, DEFINITIONS AND TERMS**

AUGUST 4, 2014

### **1-01.3 Definitions**

The definition for "**Engineer**" is revised to read:

The Contracting Agency's representative who directly supervises the engineering and administration of a construction Contract.

The definition for "**Inspector**" is revised to read:

The Engineer's representative who inspects Contract performance in detail.

The definition for "**Project Engineer**" is revised to read:

Same as Engineer.

The definition for "**Working Drawings**" is revised to read:

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

## **SECTION 1-02, BID PROCEDURES AND CONDITIONS**

APRIL 7, 2014

### **1-02.8(1) Noncollusion Declaration**

The third paragraph is revised to read:

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

## **SECTION 1-03, AWARD AND EXECUTION OF CONTRACT**

MARCH 3, 2014

### **1-03.4 Contract Bond**

The last word of item 3 is deleted.

Item 4 is renumbered to 5.

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

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

## **SECTION 1-04, SCOPE OF WORK**

AUGUST 4, 2014

### **1-04.4 Changes**

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

- a. When the character of the Work as altered differs materially in kind or nature from that involved or included in the original proposed construction; or
- b. When an item of Work, as defined elsewhere in the Contract, is increased in excess of 125 percent or decreased below 75 percent of the original Contract quantity. For the purpose of this Section, an item of Work will be defined as any item that qualifies for adjustment under the provisions of Section 1-04.6.

The last two paragraphs are deleted.

This section is supplemented with the following new subsections:

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

##### **1-04.4(2)A General**

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

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

The VECP shall meet all of the following:

1. Not adversely affect the long term life cycle costs.
2. Not adversely impact the ability to perform maintenance.

3. Provide the required safety and appearance.
4. Provide substitution for deleted or reduced Disadvantaged Business Enterprise Condition of Award Work, Apprentice Utilization and Training.

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

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

#### **1-04.4(2)B VECP Savings**

##### **1-04.4(2)B1 Proposal Savings**

The incentive payment to the Contractor shall be one-half of the net savings of the proposal calculated as follows:

1.  $(\text{gross cost of deleted work}) - (\text{gross cost of added work}) = (\text{gross savings})$
2.  $(\text{gross savings}) - (\text{Contractor's engineering costs}) - (\text{Contracting Agency's costs}) = (\text{net savings})$
3.  $(\text{net savings}) / 2 = (\text{incentive pay})$

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

##### **1-04.4(2)B2 Added Costs to Achieve Time Savings**

The cost to achieve the time savings shall be calculated as follows:

1.  $(\text{cost of added work}) + (\text{Contractor's engineering costs}) - (\text{Contracting Agency's engineering costs}) = (\text{cost to achieve time savings})$
2.  $(\text{cost to achieve time savings}) / 2 = (\text{Contracting Agency's share of added cost})$

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

#### **1-04.4(2)C VECP Approval**

##### **1-04.4(2)C1 Concept Approval**

The Contractor shall submit a written proposal to the Engineer for consideration. The proposal shall contain the following information:

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

2. A narrative description of the proposed change(s). If applicable, the discussion shall include a demonstration of functional equivalency or a description of how the proposal meets the original contract scope of work.
3. A cost discussion estimating any net savings. Savings estimates will generally follow the outline below under the section, "Proposal Savings".
4. A statement providing the Contracting Agency with the right to use all or any part of the proposal on future projects without future obligation or compensation.
5. A statement acknowledging and agreeing that the Engineer's decision to accept or reject all or part of the proposal is final and not subject to arbitration under the arbitration clause or otherwise be subject to claims or disputes.
6. A statement giving the dates the Engineer must make a decision to accept or reject the conceptual proposal, the date that approval to proceed must be received, and the date the work must begin in order to not delay the contract. If the Contracting Agency does not approve the VECP by the date specified by the Contractor in their proposal the VECP will be deemed rejected.
7. The submittal will include an analysis on other Work that may have costs that changed as a result of the VECP. Traffic control and erosion control shall both be included in addition to any other impacted Work.

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

#### **1-04.4(2)C2 Formal Approval**

The Contractor's submittal to the Engineer for formal approval shall include the following:

1. Deleted Work – Include the calculated quantities of unit price Work to be deleted. Include the proposed partial prices for portions of lump sum Work deleted. For deletion of force account items include the time and material estimates.
2. Added Work – Include the calculated quantities of unit price Work to be added, either by original unit Contract prices or by new, negotiated unit prices. For new items of Work include the quantities and proposed prices.
3. Contractor's Engineering Costs – Submit the labor costs for the engineering to develop the proposal; costs for Contractor employees utilized in contract operations on a regular basis shall not be included.
4. Schedule Analysis – If the VECP is related to time savings, the Contractor shall submit a partial progress schedule showing the changed Work. The submittal shall also include a discussion comparing the partial progress schedule with the approved progress schedule for the project.

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

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

1. The Contractor accepts design risk of all features, both temporary and permanent, of the changed Work.
2. The Contractor accepts risk of constructability of the changed Work.
3. The Contractor provides the Contracting Agency with the right to use all or any part of the proposal on future projects without further obligation or compensation.

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

1. Deleted Work.
2. Added Work.
3. The Contractor's engineering costs, reimbursed at 100 percent of the Contractor's cost.
4. Incentive payment to the Contractor.

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

3. The Contracting Agency's share of added cost to achieve time savings.
4. The Contractor's share of savings from deleted Work.

#### **1-04.4(2)C3 Authority to Proceed with Changed Work**

The authority for the Contractor to proceed with the VECP Work will be provided by one of the following options:

1. Execution of the VECP change order, or
2. At the Contractor's request the Contracting Agency may provide approval by letter from the Engineer for the Work to proceed prior to execution of a change order. All of the risk for proceeding with the VECP shall be the responsibility of the Contractor. Additionally, the following criteria are required to have been met:
  - a) Concept approval has been granted by the Contracting Agency.
  - b) All design reviews and approvals have been completed, including plans and specifications.

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

## **SECTION 1-05, CONTROL OF WORK**

AUGUST 4, 2014

### **1-05.1 Authority of the Engineer**

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

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

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

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

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

### **1-05.2 Authority of Assistants and Inspectors**

The first paragraph is revised to read:

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

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

### **1-05.3 Plans and Working Drawings**

This section's title is revised to read:

#### **Working Drawings**

This section is revised to read:

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

Working Drawings will be classified under the following categories:

1. **Type 1** – Submitted for Contracting Agency information. Submittal must be received by the Contracting Agency a minimum of 7 calendar days before work represented by the submittal begins.
2. **Type 2** – Submitted for Contracting Agency review and comment. Unless otherwise stated in the Contract, the Engineer will require up to 20 calendar days from the date the Working Drawing is received until it is returned to the Contractor. The Contractor

shall not proceed with the Work represented by the Working Drawing until comments from the Engineer have been addressed.

3. **Type 2E** – Same as a Type 2 Working Drawing with Engineering as described below.
4. **Type 3** – Submitted for Contracting Agency review and approval. Unless otherwise stated in the Contract, the Engineer will require up to 30 calendar days from the date the Working Drawing is received until it is returned to the Contractor. The Contractor shall obtain the Engineer's written approval before proceeding with the Work represented by the Working Drawing.
5. **Type 3E** – Same as a Type 3 Working Drawing with Engineering as described below.

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

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

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

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

Unit Bid prices shall cover all costs of Working Drawings.

## **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 1-08, PROSECUTION AND PROGRESS**

MAY 5, 2014

### **1-08.1 Subcontracting**

The eighth paragraph is revised to read:

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

The ninth paragraph is deleted.

## **SECTION 1-10, TEMPORARY TRAFFIC CONTROL**

AUGUST 4, 2014

### **1-10.1(1) Materials**

The following material reference is deleted from this section:

Barrier Drums 9-35.8

### **1-10.1(2) Description**

The first paragraph is revised to read:

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

### **1-10.2(1) General**

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

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

### **1-10.2(1)B Traffic Control Supervisor**

The first paragraph is revised to read:

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

The last paragraph is revised to read:

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

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

The first paragraph is revised to read:

The traffic control plan or plans appearing in the Contract documents show a method of handling vehicle, bicycle, and pedestrian traffic. All construction signs, flaggers, and other traffic control devices are shown on the traffic control plan(s) except for emergency

situations. If the Contractor proposes adding the use of flaggers to a plan, this will constitute a modification requiring approval by the Engineer. The modified plans shall show locations for all the required advance warning signs and a safe, protected location for the flagging station. If flagging is to be performed during hours of darkness, the plan shall include appropriate illumination for the flagging station.

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

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

### **1-10.2(3) Conformance to Established Standards**

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

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

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

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

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

### **1-10.3(1) Traffic Control Labor**

The first paragraph is revised to read:

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

#### **1-10.3(1)A Flaggers and Spotters**

This section's title is revised to read:

##### **Flaggers**

The first paragraph is revised to read:

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

The last paragraph is deleted.

#### **1-10.3(1)B Other Traffic Control Labor**

This section is revised to read:

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

### **1-10.3(3)B Sequential Arrow Signs**

This section is supplemented with the following:

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

### **1-10.3(3)C Portable Changeable Message Signs**

This section is revised to read:

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

### **1-10.3(3)F Barrier Drums**

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

#### **1-10.3(3)F Vacant**

### **1-10.3(3)K Portable Temporary Traffic Control Signal**

The fifth paragraph is revised to read:

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

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

In the second paragraph, the first and second sentences are revised to read:

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

The first sentence of the last bulleted item in this section is revised to read:

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

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

This section is deleted and replaced with the following:

“Traffic Control Supervisor”, lump sum.

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

“Pedestrian Traffic Control”, lump sum.

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

“Flaggers”, per hour.

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

“Other Traffic Control Labor”, per hour.

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

“Construction Signs Class A”, per square foot.

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

“Sequential Arrow Sign”, per hour.

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

“Portable Changeable Message Sign”, per hour.

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

“Transportable Attenuator”, per each.

The unit Contract price, when applied to the number of units measured for this item in accordance with Section 1-10.4(2), shall be full compensation for all costs incurred by the Contractor in performing the Work described in Section 1-10.3(3)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 2-01, CLEARING, GRUBBING, AND ROADSIDE CLEANUP**

AUGUST 4, 2014

### **2-01.3(1) Clearing**

In the second paragraph, item number 3 (up until the colon) is revised to read:

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

## **SECTION 2-03, ROADWAY EXCAVATION AND EMBANKMENT**

AUGUST 4, 2014

### **2-03.3(14) Embankment Construction**

The third paragraph is revised to read:

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

### **2-03.3(14)L Embankment Widening for Guardrail**

The first sentence is revised to read:

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

The second sentence is deleted.

**SECTION 3-04, ACCEPTANCE OF AGGREGATE**

AUGUST 4, 2014

**3-04.5 Payment**

In Table 2, the row containing the item “HMA Aggregate” is revised to read:

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

**SECTION 5-04, HOT MIX ASPHALT**

AUGUST 4, 2014

**5-04.3(7)A3 Commercial Evaluation**

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

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

**5-04.3(10)A General**

In the first paragraph, “checking” and “cracking” are deleted.

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

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

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

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

**5-04.3(10)B1 General**

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

The first paragraph is revised to read:

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

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

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

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

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

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

#### **5-04.3(10)B4 Test Results**

The first paragraph is revised to read:

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

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

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

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

In the second paragraph, the fourth sentence is deleted.

#### **5-04.4 Measurement**

The following new paragraph is inserted after the first paragraph:

Roadway cores will be measured per each for the number of cores taken.

The second to last paragraph is deleted.

#### **5-04.5 Payment**

The bid item "Removing Temporary Pavement Marking", per linear foot and paragraph following bid item are deleted.

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

“Roadway Core”, per each.

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

## **SECTION 6-02, CONCRETE STRUCTURES**

AUGUST 4, 2014

### **6-02.3(1) Classification of Structural Concrete**

In paragraph two, item number 1 is revised to read:

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

Item number 3 is renumbered to 4.

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

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

### **6-02.3(2) Proportioning Materials**

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

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

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

The fourth paragraph is revised to read:

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

### **6-02.3(2)A Contractor Mix Design**

The first paragraph is revised to read:

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

In the fourth paragraph, the fourth sentence is deleted.

In the sixth paragraph, the first sentence is deleted.

In the seventh paragraph, the last sentence is deleted.

The eighth paragraph is revised to read:

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

The following new sub-section is added:

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

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

1. Aggregate shall use combined gradation in accordance with Section 9-03.1(5) with a nominal maximum aggregate size of 1-1/2 inches.
2. Permeability shall be less than 2,000 coulombs at 56 days in accordance with AASHTO T 277.
3. Freeze-thaw durability shall be provided by one of the following methods:
  - a. The concrete shall maintain an air content between 4.5 and 7.5 percent.
  - b. The concrete shall maintain a minimum air content that achieves a durability factor of 90 percent, minimum, after 300 cycles in accordance with AASHTO T 161, Procedure A. This air content shall not be less than 3.0 percent. Test samples shall be obtained from concrete batches of a minimum of 3.0 cubic yards.
4. Scaling shall have a visual rating less than or equal to 2 after 50 cycles in accordance with ASTM C 672.
5. Shrinkage at 28 days shall be less than 320 micro strain in accordance with AASHTO T 160.
6. Modulus of elasticity shall be measured in accordance with ASTM C 469.
7. Density shall be measured in accordance with ASTM C 138.

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

**6-02.3(4)D Temperature and Time For Placement**

The first two sentences are revised to read:

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

### **6-02.3(5)A General**

The first paragraph is revised to read:

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

1. Lean concrete.
2. Commercial concrete.
3. Class 4000P concrete for Roadside Steel Sign Support Foundations.
4. Class 4000P concrete for Type II, III, and CCTV Signal Standard Foundations that are 12'-0" or less in depth.
5. Class 4000P concrete for Type IV and V Strain Pole Foundations that are 12'-0" or less in depth.
6. Class 4000P concrete for Steel Light Standard Foundations Types A & B.

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

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

### **6-02.3(5)H Sampling and Testing for Compressive Strength and Initial Curing**

The second paragraph is revised to read:

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

The following new paragraph is inserted after the last paragraph:

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

### **6-02.3(6)A2 Cold Weather Protection**

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

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

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

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

#### **6-02.3(10)D Concrete Placement, Finishing, and Texturing**

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

##### **6-02.3(10)D1 Test Slab Using Bridge Deck Concrete**

After the Contractor receives the Engineer's approval for the Class 4000D concrete mix design, and a minimum of seven calendar days prior to the first placement of bridge deck concrete, the Contractor shall construct a test slab using concrete of the approved mix design.

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

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

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

##### **6-02.3(10)D2 Preparation for Concrete Placement**

Before placing bridge approach slab concrete, the subgrade shall be constructed in accordance with Sections 2-06 and 5-05.3(6).

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

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

##### **6-02.3(10)D3 Concrete Placement**

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

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

1. Place it (without segregation) against concrete placed earlier, as near as possible to its final position, approximately to grade, and in shallow, closely spaced piles;
2. Consolidate it around reinforcing steel by using vibrators before strike-off by the finishing machine;
3. Not use vibrators to move concrete;
4. Not revibrate any concrete surface areas where workers have stopped prior to screeding;
5. Remove any concrete splashed onto reinforcing steel in adjacent segments before concreting them;
6. Maintain a slight excess of concrete in front of the screed across the entire width of the placement operation;
7. Operate the finishing machine to create a surface that is true and ready for final finish without overfinishing or bringing excessive amounts of mortar to the surface; and
8. Leave a thin, even film of mortar on the concrete surface after the last pass of the finishing machine pan.

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

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

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

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

After floating, but while the concrete remains plastic, the Contractor shall test the entire deck/slab for flatness (allowing for crown, camber, and vertical curvature). The testing shall be done with a 10-foot straightedge held on the surface. The straightedge shall be advanced in successive positions parallel to the centerline, moving not more than one half the length of the straightedge each time it advances. This procedure shall be repeated with the straightedge held perpendicular to the centerline. An acceptable surface shall be one free from deviations of more than 1/8-inch under the 10-foot straightedge.

If the test reveals depressions, the Contractor shall fill them with freshly mixed concrete, strike off, consolidate, and refinish them. High areas shall be cut down and refinished.

Retesting and refinishing shall continue until a surface conforming to the requirements specified above is produced.

**6-02.3(10)D4 Monitoring Bridge Deck Concrete Temperature After Placement**

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

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

**6-02.3(10)D5 Bridge Deck Concrete Finishing and Texturing**

Except as otherwise specified for portions of bridge decks receiving an overlay or sidewalk under the same Contract, the Contractor shall texture the surface of the bridge deck as follows:

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

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

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

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

If the Plans call for placement of a sidewalk or an HMA or concrete overlay on the bridge deck, the Contractor shall produce the final finish of these areas by dragging a strip of

damp, seamless burlap lengthwise over the bridge deck or by brooming it lightly. Approximately 3-feet of the drag shall contact the surface, with the least possible bow in its leading edge. It shall be kept wet and free of hardened lumps of concrete. When the burlap drag fails to produce the required finish, the Contractor shall replace it. When not in use, it shall be lifted clear of the bridge deck.

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

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

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

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

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

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

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

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

Items number 1 through 4 are deleted and replaced with the following 5 new numbered items:

1. Bridge sidewalks, roofs of cut and cover tunnels — curing compound covered by white, reflective type sheeting or continuous wet curing. Curing by either method shall be for at least 10 days.
2. Bridge decks — See Section 6-02.3(11)B.
3. Bridge approach slabs (Class 4000A concrete) - 2 coats of curing compound and continuous wet cure for at least 10-days.
4. Concrete barriers and rail bases – See Section 6-02.3(11)A.
5. All other concrete surfaces — continuous wet cure for at least three days.

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

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

The third paragraph is revised to read:

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

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

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

The eighth paragraph is deleted.

#### **6-02.3(11)B Curing Bridge Decks**

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

##### **6-02.3(11)B1 Equipment**

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

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

##### **6-02.3(11)B2 Curing**

The fogging apparatus shall be in place and charged for fogging prior to beginning concrete placement for the bridge deck.

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

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

1. The Contractor shall fog the bridge deck while maintaining a wet sheen without developing pooling or sheeting water.
2. The Contractor shall apply the presoaked burlap to the top surface to fully cover the deck without damaging the finish, other than minor marring of the concrete surface. The Contractor shall not apply curing compound.
3. The Contractor shall continue to keep the burlap wet by fog spraying until the burlap is covered by soaker hoses and white reflective sheeting. The Contractor shall place the soaker hoses and whiter reflective sheeting after the concrete has achieved

initial set. The Contractor shall charge the soaker hoses frequently so as to keep the burlap covering the entire deck wet during the course of curing.

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

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

#### **6-02.3(12)A Construction Joints in New Construction**

The third paragraph is deleted and replaced with the following three new paragraphs:

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

1. Grooves shall be  $\frac{1}{2}$  to 1 inch wide,  $\frac{1}{4}$  to  $\frac{1}{2}$  inch deep, and spaced equally at twice the width of the groove. Grooves shall terminate approximately 1  $\frac{1}{2}$ -inches from the face of concrete.
2. Grooves shall be 1 to 2 inches wide, a minimum of  $\frac{1}{2}$ -inch deep, and spaced a maximum of three times the width of the groove. Grooves shall terminate approximately 1  $\frac{1}{2}$ -inches from the face of concrete.

If the Engineer approves, the Contractor may use an alternate method to produce a roughened surface on the joint, provided that such an alternate method leaves a roughened surface of at least a  $\frac{1}{4}$ -inch amplitude.

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

#### **6-02.3(15) Date Numerals**

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

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

#### **6-02.3(16) Plans for Falsework and Formwork**

This section is revised to read:

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

The design of falsework and formwork shall be based on:

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

2. Allowable stresses and deflections which are no greater than those described in Section 6-02.3(17)B, Allowable Stresses and Deflections;
3. Special loads and requirements no less severe than those described in Section 6-02.3(17)C, Falsework and Formwork at Special Locations;
4. Conditions required by other Sections of 6-02.3(17), Falsework and Formwork.

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

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

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

1. The initials and dates of all participating design professionals.
2. Clear notation of all revisions including identification of who authorized the revision, who made the revision, and the date of the revision.
3. The Contract number, Contract title, and sequential sheet number. These shall also be on any related documents.
4. Identify where the falsework and formwork plan will be utilized by referencing Contract Plan sheet number and related item or detail.

#### **6-02.3(16)A Nonpreapproved Falsework and Formwork Plans**

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

#### **6-02.3(16)A Vacant**

#### **6-02.3(16)B Preapproved Formwork Plans**

This section, including title, is revised to read:

#### **6-02.3(16)B Pre-Contract Review of Falsework and Formwork Plans**

The Contractor may request pre-contract review of formwork plans for abutments, wingwalls, diaphragms, retaining walls, columns, girders and beams, box culverts, railings, and

bulkheads. Plans for falsework supporting the bridge deck for interior spans between precast prestressed concrete girders may also be submitted for pre-contract review.

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

BridgeConstructionSupport@wsdot.wa.gov

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

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

#### **6-02.3(17)A Design Loads**

The fifth paragraph is revised to read:

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

1. Actual weights of the deck finishing equipment applied at the rails, or;
2. A minimum load of 75 pounds per linear foot applied at the edge of the bridge deck.

#### **6-02.3(17)J Face Lumber, Studs, Wales, and Metal Forms**

The second to last paragraph is deleted.

#### **6-02.3(17)O Early Concrete Test Cylinder Breaks**

The third paragraph is revised to read:

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

#### **6-02.3(20) Grout for Anchor Bolts and Bridge Bearings**

The first five paragraphs are deleted and replaced with the following two new paragraphs:

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

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

#### **6-02.3(26)F Prestressing Reinforcement**

The last sentence in the fourth paragraph is revised to read:

If the prestressing reinforcement will not be stressed and grouted for more than 7 calendar days after it is placed in the ducts, the Contractor shall place an approved corrosion inhibitor conforming to Federal Specification MIL-I-22110C in the ducts.

### **6-02.5 Payment**

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

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

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

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

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

## **SECTION 8-01, EROSION CONTROL AND WATER POLLUTION CONTROL**

AUGUST 4, 2014

### **8-01.2 Materials**

This section is supplemented with the following new paragraph:

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

1. The state or provincial seed dealer license and endorsements.
2. Copies of Washington State Department of Agriculture (WSDA) test results on each lot of seed. Test results must be within six months prior to the date of application.

### **8-01.3(1)A Submittals**

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

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

### **8-01.3(2)A Preparation for Application**

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

#### **8-01.3(2)A1 Seeding**

Areas to be cultivated are shown in the Plans or specified in the Special Provisions. The areas shall be cultivated to the depths specified to provide a reasonably firm but friable seedbed. Cultivation shall take place no sooner than 2 weeks prior to seeding.

All areas to be seeded, including excavated slopes shall be compacted and prepared unless otherwise specified or ordered by the Engineer. A cleated roller, crawler tractor, or similar equipment that forms longitudinal depressions at least 2 inches deep shall be used for compaction and preparation of the surface to be seeded.

The entire area shall be uniformly covered with longitudinal depressions formed perpendicular to the natural flow of water on the slope. The soil shall be conditioned with

sufficient water so the longitudinal depressions remain in the soil surface until completion of the seeding.

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

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

#### **8-01.3(2)A2 Temporary Seeding**

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

#### **8-01.3(2)B Seeding and Fertilizing**

In the list in the second paragraph, item numbers 1-5 are revised to read:

1. A hydro seeder that utilizes water as the carrying agent, and maintains continuous agitation through paddle blades. It shall have an operating capacity sufficient to agitate, suspend, and mix into a homogeneous slurry the specified amount of seed and water or other material. Distribution and discharge lines shall be large enough to prevent stoppage and shall be equipped with a set of hydraulic discharge spray nozzles that will provide a uniform distribution of the slurry.
2. Blower equipment with an adjustable disseminating device capable of maintaining a constant, measured rate of material discharge that will ensure an even distribution of seed at the rates specified.
3. Helicopters properly equipped for aerial seeding.
4. Power-drawn drills or seeders.
5. Areas in which the above methods are impractical may be seeded by hand methods.

#### **8-01.3(2)C Liming**

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

#### **8-01.3(2)C Vacant**

#### **8-01.3(2)D Mulching**

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

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

#### **8-01.4 Measurement**

In the twelfth paragraph, "liming" is deleted.

### **8-01.5 Payment**

The bid item "Liming", per acre is deleted.

## **SECTION 8-11, GUARDRAIL**

APRIL 7, 2014

### **8-11.3(1) Beam Guardrail**

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

#### **8-11.3(1)F Removing and Resetting Beam Guardrail**

The Contractor shall remove and reset existing guardrail posts, rail element, hardware and blocks to the location shown in the Plans. The mounting height of reset rail element shall be at the height shown in the Plans. The void caused by the removal of the post shall be backfilled and compacted.

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

#### **8-11.3(1)A Erection of Posts**

The second paragraph in this section is deleted.

#### **8-11.3(1)C Terminal and Anchor Installation**

The last sentence in the last paragraph is deleted.

#### **8-11.3(1)F Plans**

This section number is revised to:

#### **8-11.3(1)G**

#### **8-11.3(1)G Guardrail Construction Exposed to Traffic**

This section number is revised to:

#### **8-11.3(1)H**

## **SECTION 9-03, AGGREGATES**

AUGUST 4, 2014

### **9-03.1(2)C Use of Substandard Gradings**

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

**Vacant**

### **9-03.1(4)C Grading**

In the second paragraph, the first sentence is deleted.

The third paragraph is deleted.

**9-03.1(5)B Grading**

The last paragraph is revised to read:

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

**9-03.8(1) General Requirements**

The first paragraph up until the colon is revised to read:

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

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

Sand Equivalent                      45 min.

The following new paragraph is inserted after the first paragraph:

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

**9-03.14(3) Common Borrow**

This section is revised to read:

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

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

Soil Plasticity Table

| Option | Sieve   | Percent Passing | Plasticity Index |
|--------|---------|-----------------|------------------|
| 1      | No. 200 | 0 - 12          | N/A              |
| 2      | No. 200 | 12.1 - 35       | 6 or Less        |
| 3      | No. 200 | Above 35        | 0                |

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:

|    |                         |         |        |
|----|-------------------------|---------|--------|
| pH | WSDOT Test Method T 417 | 4.5 - 9 | 5 – 10 |
|----|-------------------------|---------|--------|

**SECTION 9-07, REINFORCING STEEL**

JANUARY 6, 2014

**9-07.5(2) Corrosion Resistant Dowel Bars (for Cement Concrete Pavement)**

This section’s title is revised to read:

**9-07.5(2) Corrosion Resistant Dowel Bars (for Cement Concrete Pavement and Cement Concrete Pavement Rehabilitation)**

**SECTION 9-14, EROSION CONTROL AND ROADSIDE PLANTING**

AUGUST 4, 2014

**9.14.1 Soil**

This section, including title, is revised to read:

**9-14.1 Topsoil**

Topsoil shall not contain any recycled material, foreign materials, or any listed Noxious and Nuisance weeds of any Class designated by authorized State or County officials. Aggregate shall not comprise more than 10% by volume of Topsoil and shall not be greater than two inches in diameter.

**9-14.1(2) Topsoil Type B**

The last sentence of the second paragraph is deleted.

**9-14.2 Seed**

This section is revised to read:

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

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

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

**9-14.4(3) Bark or Wood Chips**

This section’s title is revised to read:

**Bark or Wood Chip Mulch**

The first paragraph is revised to read:

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

#### **9-14.4(6) Gypsum**

The first sentence is revised to read:

Gypsum shall consist of Calcium Sulfate ( $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ ) in a pelletized or granular form.

#### **9-14.4(7) Tackifier**

This section is revised to read:

Tackifiers are used as a tie-down for soil, compost, seed, and/or mulch. Tackifiers shall contain no growth or germination-inhibiting materials and shall not reduce infiltration rates. Tackifiers shall hydrate in water and readily blend with other slurry materials.

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

#### **9-14.4(8) Compost**

The second paragraph is revised to read:

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

#### **9-14.4(8)A Compost Submittal Requirements**

Item 2 is revised to read:

5. A copy of the Solid Waste Handling Permit issued to the manufacturer by the Jurisdictional Health Department in accordance with WAC 173-350 (Minimum Functional Standards for Solid Waste Handling).

#### **9-14.6(2) Quality**

The second and third paragraphs in this section are revised to read:

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

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

## **SECTION 9-16, FENCE AND GUARDRAIL**

AUGUST 4, 2014

#### **9-16.2(1)B Wood Fence Posts and Braces**

In the table, the row beginning with "ACA" is deleted.

## **SECTION 9-31, ELASTOMERIC BEARING PADS**

AUGUST 4, 2014

This section's title is revised to read:

### **Elastomeric Pads**

#### **9-31.1 Requirements**

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

In the first sentence of the second paragraph, the word "bearing" is deleted and replaced with "elastomeric".

In the last sentence of the second paragraph, the word "Bearing" is deleted and replaced with "Elastomeric".

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

## **SECTION 9-34, PAVEMENT MARKING MATERIAL**

AUGUST 4, 2014

#### **9-34.2 Paint**

The second paragraph is revised to read:

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

#### **9-34.5 Temporary Pavement Marking Tape**

This section is revised to read:

Biodegradable tape with paper backing is not allowed.

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

##### **9-34.5(1) Temporary Pavement Marking Tape – Short Duration**

Temporary pavement marking tape for short duration shall conform to ASTM D4592 Type II except that black tape, black mask tape and the black portion of the contrast removable tape, shall be non-reflective.

##### **9-34.5(2) Temporary Pavement Marking Tape – Long Duration**

Temporary pavement marking tape for long duration shall conform to ASTM D4592 Type I. Temporary pavement marking tape for long duration, except for black tape, shall have a minimum initial coefficient of retroreflective luminance of  $200 \text{ mcd} \cdot \text{m}^{-2} \cdot \text{lx}^{-1}$  when measured in accordance with ASTM E 2832 or ASTM E 2177. Black tape, black mask tape and the black portion of the contrast removable tape, shall be non-reflective.

#### **9-34.6 Temporary Raised Pavement Markers**

This section's title is revised to read:

## **Temporary Flexible Raised Pavement Markers**

The second paragraph is deleted.

## **SECTION 9-35, TEMPORARY TRAFFIC CONTROL MATERIALS**

AUGUST 4, 2014

### **9-35.0 General Requirements**

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

Barrier Drums

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

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

### **9-35.2 Construction Signs**

The first sentence is revised to read:

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

### **9-35.7 Traffic Safety Drums**

The third paragraph is revised to read:

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

### **9-35.8 Barrier Drums**

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

#### **9-35.8 Vacant**

### **9-35.12 Transportable Attenuator**

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

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

### **9-35.13 Tall Channelizing Devices**

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

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

# SPECIAL PROVISIONS

## INTRODUCTION TO THE SPECIAL PROVISIONS

AUGUST 14, 2013 (APWA GSP) INTRO

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

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

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

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

Also incorporated into the Contract Documents by reference are:

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

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

## DIVISION 1 GENERAL REQUIREMENTS

(WSDOT GSP) DIVISION1.GR1

### DESCRIPTION OF WORK

(WSDOT GSP) DESWORK.GR1

### LOCATION OF PROJECT

MAY 8, 1996 (WC GSP) LOCATION

The project is located on County Road No. 9010 from milepost 5.15± to milepost 5.27± in Section 3, Township 13 North, Range 44 East, W.M. approximately 6 miles southwest of Pullman, Washington.

## **DESCRIPTION OF WORK**

MARCH 13, 1995 (WSDOT GSP) DESWORK1.FR1

This contract provides for the rehabilitation of Hatley Bridge. The work will consist of replacing the existing deck with a 30 foot wide, 120 foot long prestressed precast bulb t concrete girder deck, installation of a tie back anchor system, guardrail and grading, draining, embankment and surfacing of the bridge approaches, all in accordance with the attached Contract Plans, these Contract Provisions and the Standard Specifications.

## **DEFINITIONS AND TERMS**

(APWA GSP) 1-01.GR1

### **DEFINITIONS**

MARCH 8, 2013 (APWA GSP) 1-01.3

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**

(WSDOT GSP) 1-02.GR1

**PRE-BID SHOWING**

APRIL 7, 1995 (WC GSP) PREBID

The project is scheduled for a pre-bid showing to all prospective bidders on **Tuesday, November 25, 2014**. All interested bidders are invited to meet at the County Engineer's Office, North 310 Main Street, 2nd Floor, Colfax, Washington at **11:00 a.m.** Pacific Standard Time.

**QUALIFICATIONS OF BIDDER**

JANUARY 24, 2011 (APWA GSP) 1-02.1

Delete Section 1-02.1 and replace it with the following:

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

**PLANS AND SPECIFICATIONS**

JUNE 27, 2011 (APWA GSP) 1-02.2

Delete Section 1-02.2 and replace it with the following:

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

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

| To Prime Contractor           | No. of Sets | Basis of Distribution               |
|-------------------------------|-------------|-------------------------------------|
| Reduced plans (11" x 17")     | 5           | Furnished automatically upon award. |
| Contract Provisions           | 5           | Furnished automatically upon award. |
| Large plans (e.g., 22" x 34") | 3           | Furnished only upon request.        |

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

**PROPOSAL FORMS**

JUNE 27, 2011 (APWA GSP) 1-02.5

Delete Section 1-02.5 and replace it with the following:

The Proposal Form will identify the project and its location and describe the work. It will also list estimated quantities, units of measurement, the items of work, and the materials to be

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

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

## **PREPARATION OF PROPOSAL**

(WSDOT GSP) 1-02.6.GR1

(WSDOT GSP) 1-02.6.INST1.GR1

Section 1-02.6 is supplemented with the following:

AUGUST 2, 2004 (WSDOT GSP) 1-02.6.OPT5.GR1

The fifth and sixth paragraphs of Section 1-02.6 are deleted.

## **BID DEPOSIT**

MARCH 8, 2013 (APWA GSP) 1-02.7

Supplement Section 1-02.7 with the following:

Bid bonds shall contain the following:

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

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

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

## **DELIVERY OF PROPOSAL**

AUGUST 15, 2012 (APWA GSP) 1-02.9 OPTION A

Delete Section 1-02.9 and replace it with the following:

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

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

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

## **PUBLIC OPENING OF PROPOSALS**

(WSDOT GSP) 1-02.12.GR1

(WSDOT GSP) 1-02.12.INST1.GR1

Section 1-02.12 is supplemented with the following:

NOVEMBER 20, 2000 (WC GSP) 1-02.12

### **Date of Opening Bids**

Sealed bids will be received by the Board of County Commissioners of Whitman County, State of Washington, at its office in the Whitman County Courthouse, N. 400 Main Street, Colfax, Washington, until **11:00 a.m. Pacific Standard Time, on Monday, December 8, 2014** at which time all bids will be opened and publicly read.

## **IRREGULAR PROPOSALS**

MARCH 13, 2012 (APWA GSP) 1-02.13

Revise item 1 of Section 1-02.13 to read:

1. A proposal will be considered irregular and will be rejected if:
  - a. The Bidder is not prequalified when so required;
  - b. The authorized proposal form furnished by the Contracting Agency is not used or is altered;
  - c. The completed proposal form contains any unauthorized additions, deletions, alternate Bids, or conditions;
  - d. The Bidder adds provisions reserving the right to reject or accept the award, or enter into the Contract;
  - e. A price per unit cannot be determined from the Bid Proposal;
  - f. The Proposal form is not properly executed;
  - g. The Bidder fails to submit or properly complete a Subcontractor list, if applicable, as required in Section 1-02.6;
  - h. The Bidder fails to submit or properly complete a Disadvantaged Business Enterprise Certification, if applicable, as required in Section 1-02.6;
  - i. The Bidder fails to submit written confirmation from each DBE firm listed on the Bidder's completed DBE Utilization Certification that they are in agreement with the bidders DBE participation commitment, if applicable, as required in Section 1-02.6, or if the written confirmation that is submitted fails to meet the requirements of the Special Provisions;

- j The Bidder fails to submit DBE Good Faith Effort documentation, if applicable, as required in Section 1-02.6, or if the documentation that is submitted fails to demonstrate that a Good Faith Effort to meet the Condition of Award was made;
- k. The Bid Proposal does not constitute a definite and unqualified offer to meet the material terms of the Bid invitation; or
- l. More than one proposal is submitted for the same project from a Bidder under the same or different names.

## **PRE AWARD INFORMATION**

AUGUST 14, 2013 (APWA GSP) 1-02.15

Revise Section 1-02.15 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**

(WSDOT GSP) 1-03.GR1

## **CONTRACT BOND**

(WSDOT GSP) 1-03.4.GR1

OCTOBER 1, 2005 (APWA GSP) 1-03.4

Revise the first paragraph of Section 1-03.4 to read:

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

1. Be on a Contracting Agency-furnished form;
2. Be signed by an approved surety (or sureties) that:
  - a. Is registered with the Washington State Insurance Commissioner, and
  - b. Appears on the current Authorized Insurance List in the State of Washington published by the Office of the Insurance Commissioner,
3. Be conditioned upon the faithful performance of the contract by the Contractor within the prescribed time;
4. Guarantee that the surety shall indemnify, defend, and protect the Contracting Agency against any claim of direct or indirect loss resulting from the failure:
  - a. Of the Contractor (or any of the employees, subcontractors, or lower tier subcontractors of the Contractor) to faithfully perform the contract, or

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

## **CONTROL OF WORK**

(WSDOT GSP) 1-05.GR1

### **CONFORMITY WITH AND DEVIATIONS FROM PLANS AND STAKES**

(WSDOT GSP) 1-05.4GR1

(WSDOT GSP) 1-05.4.INST1.GR1

Section 1-05.4 is supplemented with the following:

#### **Contractor Surveying – Structure**

APRIL 4, 2011 (WSDOT GSP) 1-05.4.OPT1.GR1

Copies of the Contracting Agency provided primary survey control data are available for the bidder's inspection at the office of the Project Engineer.

The Contractor shall be responsible for setting, maintaining, and resetting all alignment stakes, slope stakes, and grades necessary for the construction of bridges, noise walls, and retaining walls. Except for the survey control data to be furnished by the Contracting Agency, calculations, surveying, and measuring required for setting and maintaining the necessary lines and grades shall be the Contractor's responsibility.

The Contractor shall inform the Engineer when monuments are discovered that were not identified in the Plans and construction activity may disturb or damage the monuments. All monuments noted on the plans "DO NOT DISTURB" shall be protected throughout the length of the project or be replaced at the Contractors expense.

Detailed survey records shall be maintained, including a description of the work performed on each shift, the methods utilized, and the control points used. The record shall be adequate to allow the survey to be reproduced. A copy of each day's record shall be provided to the Engineer within three working days after the end of the shift.

The meaning of words and terms used in this provision shall be as listed in "Definitions of Surveying and Associated Terms" current edition, published by the American Congress on Surveying and Mapping and the American Society of Civil Engineers.

The survey work by the Contractor shall include but not be limited to the following:

1. Verify the primary horizontal and vertical control furnished by the Contracting Agency, and expand into secondary control by adding stakes and hubs as well as additional survey control needed for the project. Provide descriptions of secondary

control to the Contracting Agency. The description shall include coordinates and elevations of all secondary control points.

2. Establish, by placing hubs and/or marked stakes, the location with offsets of foundation shafts and piles.
3. Establish offsets to footing centerline of bearing for structure excavation.
4. Establish offsets to footing centerline of bearing for footing forms.
5. Establish wing wall, retaining wall, and noise wall horizontal alignment.
6. Establish retaining wall top of wall profile grade.
7. Establish elevation benchmarks for all substructure formwork.
8. Check elevations at top of footing concrete line inside footing formwork immediately prior to concrete placement.
9. Check column location and pier centerline of bearing at top of footing immediately prior to concrete placement.
10. Establish location and plumbness of column forms, and monitor column plumbness during concrete placement.
11. Establish pier cap and crossbeam top and bottom elevations and centerline of bearing.
12. Check pier cap and crossbeam top and bottom elevations and centerline of bearing prior to and during concrete placement.
13. Establish grout pad locations and elevations.
14. Establish structure bearing locations and elevations, including locations of anchor bolt assemblies.
15. Establish box girder bottom slab grades and locations.
16. Establish girder and/or web wall profiles and locations.
17. Establish diaphragm locations and centerline of bearing.
18. Establish roadway slab alignment, grades and provide dimensions from top of girder to top of roadway slab. Set elevations for deck paving machine rails.
19. Establish traffic barrier and curb profile.
20. Profile all girders prior to the placement of any deadload or construction live load that may affect the girder's profile.

The Contractor shall provide the Contracting Agency copies of any calculations and staking data when requested by the Engineer.

To facilitate the establishment of these lines and elevations, the Contracting Agency will provide the Contractor with the following primary survey and control information:

1. Descriptions of two primary control points used for the horizontal and vertical control. Primary control points will be described by reference to the project alignment and the coordinate system and elevation datum utilized by the project. In addition, the Contracting Agency will supply horizontal coordinates for the beginning and ending points and for each Point of Intersection (PI) on each alignment included in the project.
2. Horizontal coordinates for the centerline of each bridge pier.
3. Computed elevations at top of bridge roadway decks at one-tenth points along centerline of each girder web. All form grades and other working grades shall be calculated by the Contractor.

The Contractor shall give the Contracting Agency three weeks notification to allow adequate time to provide the data outlined in Items 2 and 3 above. The Contractor shall ensure a surveying accuracy within the following tolerances:

|                              | <u>Vertical</u>                                | <u>Horizontal</u> |
|------------------------------|--|-------------------|
| 1. Stationing on structures  |  | ±0.02 feet        |
| 2. Alignment on structures   |  | ±0.02 feet        |
| 3. Superstructure elevations | ±0.01 feet<br>variation from<br>plan elevation |                   |
| 4. Substructure              | ±0.02 feet<br>variation from<br>Plan grades.   |                   |

The Contracting Agency may spot-check the Contractor's surveying. These spot-checks will not change the requirements for normal checking by the Contractor.

When staking the following items, the Contractor shall perform independent checks from different secondary control to ensure that the points staked for these items are within the specified survey accuracy tolerances:

- Piles
- Shafts
- Footings
- Columns

The Contractor shall calculate coordinates for the points associated with piles, shafts, footings and columns. The Contracting Agency will verify these coordinates prior to issuing approval to the Contractor for commencing with the survey work. The Contracting Agency will require up to seven calendar days from the date the data is received to issuing approval.

Contract work to be performed using contractor-provided stakes shall not begin until the stakes are approved by the Contracting Agency. Such approval shall not relieve the Contractor of responsibility for the accuracy of the stakes.

## **Payment**

Payment will be made in accordance with Section 1-04.1 for the following bid item when included in the proposal:

"Structure Surveying", lump sum.

The lump sum contract price for "Structure Surveying" shall be full pay for all labor, equipment, materials, and supervision utilized to perform the Work specified, including any resurveying, checking, correction of errors, replacement of missing or damaged stakes, and coordination efforts.

## **Contractor Surveying – Roadway**

APRIL 1, 2013 (WSDOT GSP) 1-05.4.OPT2.GR1

Copies of the Contracting Agency provided primary survey control data are available for the bidder's inspection at the office of the Project Engineer.

The Contractor shall be responsible for setting, maintaining, and resetting all alignment stakes, slope stakes, and grades necessary for the construction of the roadbed, drainage, surfacing, paving, channelization and pavement marking, illumination and signals, guardrails and barriers, and signing. Except for the survey control data to be furnished by the Contracting Agency, calculations, surveying, and measuring required for setting and maintaining the necessary lines and grades shall be the Contractor's responsibility.

The Contractor shall inform the Engineer when monuments are discovered that were not identified in the Plans and construction activity may disturb or damage the monuments. All monuments noted on the plans "DO NOT DISTURB" shall be protected throughout the length of the project or be replaced at the Contractors expense.

Detailed survey records shall be maintained, including a description of the work performed on each shift, the methods utilized, and the control points used. The record shall be adequate to allow the survey to be reproduced. A copy of each day's record shall be provided to the Engineer within three working days after the end of the shift.

The meaning of words and terms used in this provision shall be as listed in "Definitions of Surveying and Associated Terms" current edition, published by the American Congress on Surveying and Mapping and the American Society of Civil Engineers.

The survey work shall include but not be limited to the following:

1. Verify the primary horizontal and vertical control furnished by the Contracting Agency, and expand into secondary control by adding stakes and hubs as well as additional survey control needed for the project. Provide descriptions of secondary control to the Contracting Agency. The description shall include coordinates and elevations of all secondary control points.
2. Establish, the centerlines of all alignments, by placing hubs, stakes, or marks on centerline or on offsets to centerline at all curve points (PCs, PTs, and PIs) and at points on the alignments spaced no further than 50 feet.
3. Establish clearing limits, placing stakes at all angle points and at intermediate points not more than 50 feet apart. The clearing and grubbing limits shall be 5 feet beyond

the toe of a fill and 10 feet beyond the top of a cut unless otherwise shown in the Plans.

4. Establish grading limits, placing slope stakes at centerline increments not more than 50 feet apart. Establish offset reference to all slope stakes. If Global Positioning Satellite (GPS) Machine Controls are used to provide grade control, then slope stakes may be omitted at the discretion of the Contractor
5. Establish the horizontal and vertical location of all drainage features, placing offset stakes to all drainage structures and to pipes at a horizontal interval not greater than 25 feet.
6. Establish roadbed and surfacing elevations by placing stakes at the top of subgrade and at the top of each course of surfacing. Subgrade and surfacing stakes shall be set at horizontal intervals not greater than 50 feet in tangent sections, 25 feet in curve sections with a radius less than 300 feet, and at 10-foot intervals in intersection radii with a radius less than 10 feet. Transversely, stakes shall be placed at all locations where the roadway slope changes and at additional points such that the transverse spacing of stakes is not more than 12 feet. If GPS Machine Controls are used to provide grade control, then roadbed and surfacing stakes may be omitted at the discretion of the Contractor.
7. Establish intermediate elevation benchmarks as needed to check work throughout the project.
8. Provide references for paving pins at 25-foot intervals or provide simultaneous surveying to establish location and elevation of paving pins as they are being placed.
9. For all other types of construction included in this provision, (including but not limited to channelization and pavement marking, illumination and signals, guardrails and barriers, and signing) provide staking and layout as necessary to adequately locate, construct, and check the specific construction activity.
10. Contractor shall determine if changes are needed to the profiles or roadway sections shown in the Contract Plans in order to achieve proper smoothness and drainage where matching into existing features, such as a smooth transition from new pavement to existing pavement. The Contractor shall submit these changes to the Project Engineer for review and approval 10 days prior to the beginning of work.

The Contractor shall provide the Contracting Agency copies of any calculations and staking data when requested by the Engineer.

To facilitate the establishment of these lines and elevations, the Contracting Agency will provide the Contractor with primary survey control information consisting of descriptions of two primary control points used for the horizontal and vertical control, and descriptions of two additional primary control points for every additional three miles of project length. Primary control points will be described by reference to the project alignment and the coordinate system and elevation datum utilized by the project. In addition, the Contracting Agency will supply horizontal coordinates for the beginning and ending points and for each Point of Intersection (PI) on each alignment included in the project.

The Contractor shall ensure a surveying accuracy within the following tolerances:

|  | <u>Vertical</u> | <u>Horizontal</u>  |
|--|-----------------|--|
| Slope stakes                                       | ±0.10 feet      | ±0.10 feet   |
| Subgrade grade stakes set<br>0.04 feet below grade | ±0.01 feet      | ±0.5 feet<br>(parallel to alignment)<br>±0.1 feet<br>(normal to alignment) |
| Stationing on roadway                              | N/A             | ±0.1 feet  |
| Alignment on roadway                               | N/A             | ±0.04 feet   |
| Surfacing grade stakes                             | ±0.01 feet      | ±0.5 feet<br>(parallel to alignment)<br>±0.1 feet<br>(normal to alignment) |
| Roadway paving pins for<br>surfacing or paving     | ±0.01 feet      | ±0.2 feet<br>(parallel to alignment)<br>±0.1 feet<br>(normal to alignment) |

The Contracting Agency may spot-check the Contractor's surveying. These spot-checks will not change the requirements for normal checking by the Contractor.

When staking roadway alignment and stationing, the Contractor shall perform independent checks from different secondary control to ensure that the points staked are within the specified survey accuracy tolerances.

The Contractor shall calculate coordinates for the alignment. The Contracting Agency will verify these coordinates prior to issuing approval to the Contractor for commencing with the work. The Contracting Agency will require up to seven calendar days from the date the data is received.

Contract work to be performed using contractor-provided stakes shall not begin until the stakes are approved by the Contracting Agency. Such approval shall not relieve the Contractor of responsibility for the accuracy of the stakes.

Stakes shall be marked in accordance with Standard Plan A10.10. When stakes are needed that are not described in the Plans, then those stakes shall be marked, at no additional cost to the Contracting Agency as ordered by the Engineer.

### **Payment**

Payment will be made in accordance with Section 1-04.1 for the following bid item when included in the proposal:

"Roadway Surveying", lump sum.

The lump sum contract price for "Roadway Surveying" shall be full pay for all labor, equipment, materials, and supervision utilized to perform the Work specified, including any resurveying, checking, correction of errors, replacement of missing or damaged stakes, and coordination efforts.

## **REMOVAL OF DEFECTIVE AND UNAUTHORIZED WORK**

OCTOBER 1, 2005 (APWA GSP) 1-05.7

Supplement Section 1-05.7 with the following:

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

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

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

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

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

## **FINAL INSPECTION**

OCTOBER 1, 2005 (APWA GSP) 1-05.11

Delete Section 1-05.11 and replace it with the following:

### **1-05.11 Final Inspections and Operational Testing**

#### **1-05.11(1) Substantial Completion Date**

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

If, after this inspection, the Engineer concurs with the Contractor that the work is substantially complete and ready for its intended use, the Engineer, by written notice to the Contractor, will set the Substantial Completion Date. If, after this inspection the Engineer

does not consider the work substantially complete and ready for its intended use, the Engineer will, by written notice, so notify the Contractor giving the reasons therefore.

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

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

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

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

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

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

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

#### **1-05.11(3) Operational Testing**

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

The Physical Completion Date cannot be established until testing and corrections have been completed to the satisfaction of the Engineer.

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

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

## **SUPERINTENDENTS, LABOR AND EQUIPMENT OF CONTRACTOR**

AUGUST 14, 2013 (APWA GSP) 1-05.13

Delete the sixth and seventh paragraphs of Section 1-05.13.

## **METHOD OF SERVING NOTICES**

MARCH 25, 2009 (APWA GSP) 1-05.15

Revise the second paragraph of Section 1-05.15 to read:

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

## **WATER AND POWER**

OCTOBER 1, 2005 (APWA GSP) 1-05.16

Add the following new Section 1-05.16:

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

## **ORAL AGREEMENTS**

OCTOBER 1, 2005 (APWA GSP) 1-05.17

Add the following new Section 1-05.17:

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

## CONTROL OF MATERIAL

(WSDOT GSP) 1-06.GR1

### BUY AMERICA

(WSDOT GSP) 1-06.INST1.GR1

Section 1-06 is supplemented with the following:

#### Buy America

(WSDOT GSP) 1-06.OPT1.GR1

AUGUST 6, 2012 (WSDOT GSP) 1-06.OPT1(A).GR1

In accordance with Buy America requirements contained in 23 CFR 635.410, the major quantities of steel and iron construction material that is permanently incorporated into the project shall consist of American-made materials only. Buy America does not apply to temporary steel items, e.g., temporary sheet piling, temporary bridges, steel scaffolding and falsework.

Minor amounts of foreign steel and iron may be utilized in this project provided the cost of the foreign material used does not exceed one-tenth of one percent of the total contract cost or \$2,500.00, whichever is greater.

American-made material is defined as material having all manufacturing processes occurring domestically. To further define the coverage, a domestic product is a manufactured steel material that was produced in one of the 50 States, the District of Columbia, Puerto Rico, or in the territories and possessions of the United States.

If domestically produced steel billets or iron ingots are exported outside of the area of coverage, as defined above, for any manufacturing process then the resulting product does not conform to the Buy America requirements. Additionally, products manufactured domestically from foreign source steel billets or iron ingots do not conform to the Buy America requirements because the initial melting and mixing of alloys to create the material occurred in a foreign country.

Manufacturing begins with the initial melting and mixing, and continues through the coating stage. Any process which modifies the chemical content, the physical size or shape, or the final finish is considered a manufacturing process. The processes include rolling, extruding, machining, bending, grinding, drilling, welding, and coating. The action of applying a coating to steel or iron is deemed a manufacturing process. Coating includes epoxy coating, galvanizing, aluminizing, painting, and any other coating that protects or enhances the value of steel or iron. Any process from the original reduction from ore to the finished product constitutes a manufacturing process for iron.

Due to a nationwide waiver, Buy America does not apply to raw materials (iron ore and alloys), scrap (recycled steel or iron), and pig iron or processed, pelletized, and reduced iron ore.

The following are considered to be steel manufacturing processes:

1. Production of steel by any of the following processes:
  - a. Open hearth furnace.
  - b. Basic oxygen.

- c. Electric furnace.
- d. Direct reduction.
- 2. Rolling, heat treating, and any other similar processing.
- 3. Fabrication of the products.
  - a. Spinning wire into cable or strand.
  - b. Corrugating and rolling into culverts.
  - c. Shop fabrication.

A certification of materials origin will be required for any items comprised of, or containing, steel or iron construction materials prior to such items being incorporated into the permanent work. The certification shall be on DOT Form 350-109EF provided by the Engineer, or such other form the Contractor chooses, provided it contains the same information as DOT Form 350-109EF.

## **LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC**

(WSDOT GSP) 1-07.GR1

### **LAWS TO BE OBSERVED**

OCTOBER 1, 2005 (APWA GSP) 1-07.1

Supplement Section 1-07.1 with the following:

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

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

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

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

## **STATE SALES TAX**

(WSDOT GSP) 1-07.2.GR1

JUNE 27, 2011 (APWA GSP) 1-07.2

Delete Section 1-07.2, including its sub-sections, in its entirety and replace it with the following:

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

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

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

### **1-07.2(1) State Sales Tax — Rule 171**

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

### **1-07.2(2) State Sales Tax — Rule 170**

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

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

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

### **1-07.2(3) Services**

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

## **ENVIRONMENTAL REGULATIONS**

(WSDOT GSP) 1-07.5.GR1

(WSDOT GSP) 1-07.5.INST1.GR1

Section 1-07.5 is supplemented with the following:

### **Environmental Commitments**

SEPTEMBER 20, 2010 (WSDOT GSP) 1-07.5.OPT.GR1

The following Provisions summarize the requirements, in addition to those required elsewhere in the Contract, imposed upon the Contracting Agency by the various documents referenced in the Special Provision PERMITS AND LICENSES. Throughout the work, the Contractor shall comply with the following requirements:

FEBRUARY 25, 2013 (WSDOT GSP) 1-07.5.OPT1(N).FR1

Temporary structures and dewatering of areas under the jurisdiction of the U.S. Army Corps of Engineers must maintain normal downstream flows and prevent upstream and downstream flooding to the maximum extent practicable.

AUGUST 3, 2009 (WSDOT GSP) 1-07.5.OPT1(X).FR1

No Contractor staging areas will be allowed within 50 feet of any waters of the State including wetlands.

### **Payment**

AUGUST 3, 2009 (WSDOT GSP) 1-07.5.OPT2.GR1

All costs to comply with this special provision for the environmental commitments and requirements are incidental to the contract and are the responsibility of the Contractor. The Contractor shall include all related costs in the associated bid prices of the contract.

## **PERMITS AND LICENSES**

(WSDOT GSP) 1-07.6.GR1

(WSDOT GSP) 1-07.6.INST1.GR1

Section 1-07.6 is supplemented with the following:

SEPTEMBER 20, 2010 (WSDOT GSP) 1-07.6.OPT2.FR1

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

| NAME OF DOCUMENT                                   | PERMITTING AGENCY                      | PERMIT REFERENCE NO. |
|--|--|----------------------|
| Department of the Army<br>Section 404 Nationwide 3 | Corps of Engineers Seattle<br>District | NWP No. 3            |
| Hydraulic Project Approval                         | Department of Fish &<br>Wildlife       | 2014-1-17+01         |

## LOAD LIMITS

(WSDOT GSP) 1-07.7.GR1

(WSDOT GSP) 1-07.7.INST1.GR1

Section 1-07.7 is supplemented with the following:

MARCH 13, 1995 (WSDOT GSP) 1-07.7.OPT6.GR1

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

## WAGES

(WSDOT GSP) 1-07.9.GR1

### General

(WSDOT GSP) 1-07.9(1).GR1

(WSDOT GSP) 1-07.9(1).INST1.GR1

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

JANUARY 3, 2014 (WSDOT GSP) 1-07.9(1).OPT1.GR1

The Federal wage rates incorporated in this contract have been established by the Secretary of Labor under United States Department of Labor General Decision No. WA140001.

The State rates incorporated in this contract are applicable to all construction activities associated with this contract.

### Application of Wage Rates For The Occupation Of Landscape Construction

APRIL 2, 2007 (WSDOT GSP) 1-07.9(1).OPT4.GR1

State prevailing wage rates for public works contracts are included in this contract and show a separate listing for the occupation:

Landscape Construction, which includes several different occupation descriptions such as: Irrigation and Landscape Plumbers, Irrigation and Landscape Power Equipment Operators, and Landscaping or Planting Laborers.

In addition. Federal wage rates that are included in this contract may also include occupation descriptions in Federal Occupational groups for work also specifically identified with landscaping such as:

Laborers with the occupation description, Landscaping or Planting, or

Power Equipment Operators with the occupation description, Mulch Seeding Operator.

If Federal wage rates include one or more rates specified as applicable to landscaping work, then Federal wage rates for all occupation descriptions, specific or general, must be considered and compared with corresponding State wage rates. The higher wage rate,

either State or Federal, becomes the minimum wage rate for the work performed in that occupation.

Contractors are responsible for determining the appropriate crafts necessary to perform the contract work. If a classification considered necessary for performance of the work is missing from the Federal Wage Determination applicable to the contract, the Contractor shall initiate a request for approval of a proposed wage and benefit rate. The Contractor shall prepare and submit Standard Form 1444, Request for Authorization of Additional Classification and Wage Rate available at <http://www.wdol.gov/docs/sf1444.pdf>, and submit the completed form to the Project Engineer's office. The presence of a classification wage on the Washington State Prevailing Wage Rates For Public Works Contracts does not exempt the use of form 1444 for the purpose of determining a federal classification wage rate.

**REQUIREMENTS FOR NONDISCRIMINATION**

(WSDOT GSP) 1-07.11.GR1

(WSDOT GSP) 1-07.11.INST1.GR1

Section 1-07.11 is supplemented with the following:

AUGUST 5, 2013 (WSDOT GSP) 1-07.11.OPT1.GR1

**Requirement for Affirmative Action to Ensure Equal Employment Opportunity (Executive Order 11246)**

1. The Contractor's attention is called to the Equal Opportunity Clause and the Standard Federal Equal Employment Opportunity Construction Contract Specifications set forth herein.
2. The goals and timetables for minority and female participation set by the Office of Federal Contract Compliance Programs, expressed in percentage terms for the Contractor's aggregate work force in each construction craft and in each trade on all construction work in the covered area, are as follows:

Women - Statewide

| <u>Timetable</u>   | <u>Goal</u> |
|--|-------------|
| Until further notice   | 6.9%        |
| <u>Minorities - by Standard Metropolitan Statistical Area (SMSA)</u>   |             |
| Spokane, WA:   |             |
| SMSA Counties:   |             |
| Spokane, WA  | 2.8         |
| WA Spokane.  |             |
| Non-SMSA Counties  | 3.0         |
| WA Adams; WA Asotin; WA Columbia; WA Ferry; WA Garfield; WA Lincoln,<br>WA Pend Oreille; WA Stevens; WA Whitman. |             |
| Richland, WA   |             |
| SMSA Counties:   |             |
| Richland Kennewick, WA   | 5.4         |
| WA Benton; WA Franklin.  |             |

|   |     |
|---|-----|
| Non-SMSA Counties<br>WA Walla Walla.  | 3.6 |
| Yakima, WA:   |     |
| SMSA Counties:  |     |
| Yakima, WA  | 9.7 |
| WA Yakima.  |     |
| Non-SMSA Counties   | 7.2 |
| WA Chelan; WA Douglas; WA Grant; WA Kittitas; WA Okanogan.  |     |
| Seattle, WA:  |     |
| SMSA Counties:  |     |
| Seattle Everett, WA   | 7.2 |
| WA King; WA Snohomish.  |     |
| Tacoma, WA  | 6.2 |
| WA Pierce.  |     |
| Non-SMSA Counties   | 6.1 |
| WA Clallam; WA Grays Harbor; WA Island; WA Jefferson; WA Kitsap; WA Lewis; WA Mason; WA Pacific; WA San Juan; WA Skagit; WA Thurston; WA Whatcom. |     |
| Portland, OR:   |     |
| SMSA Counties:  |     |
| Portland, OR-WA   | 4.5 |
| WA Clark.   |     |
| Non-SMSA Counties   | 3.8 |
| WA Cowlitz; WA Klickitat; WA Skamania; WA Wahkiakum.  |     |

These goals are applicable to each nonexempt Contractor's total on-site construction workforce, regardless of whether or not part of that workforce is performing work on a Federal, or federally assisted project, contract, or subcontract until further notice. Compliance with these goals and time tables is enforced by the Office of Federal Contract compliance Programs.

The Contractor's compliance with the Executive Order and the regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, in each construction craft and in each trade, and the Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goal shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The Contractor shall provide written notification to the Office of Federal Contract Compliance Programs (OFCCP) within 10 working days of award of any construction subcontract in excess of \$10,000 or more that are Federally funded, at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the Subcontractor; employer identification number of the Subcontractor; estimated dollar amount of the subcontract;

estimated starting and completion dates of the subcontract; and the geographical area in which the contract is to be performed. The notification shall be sent to:

U.S. Department of Labor  
Office of Federal Contract Compliance Programs Pacific Region  
Attn: Regional Director  
San Francisco Federal Building  
90 – 7<sup>th</sup> Street, Suite 18-300  
San Francisco, CA 94103(415) 625-7800 Phone  
(415) 625-7799 Fax

Additional information may be found at the U.S. Department of Labor website:  
<http://www.dol.gov/ofccp/TAguides/ctaguide.htm>

4. As used in this Notice, and in the contract resulting from this solicitation, the Covered Area is as designated herein.

Standard Federal Equal Employment Opportunity Construction Contract Specifications (Executive Order 11246)

1. As used in these specifications:
  - a. Covered Area means the geographical area described in the solicitation from which this contract resulted;
  - b. Director means Director, Office of Federal Contract Compliance Programs, United States Department of Labor, or any person to whom the Director delegates authority;
  - c. Employer Identification Number means the Federal Social Security number used on the Employer's Quarterly Federal Tax Return, U. S. Treasury Department Form 941;
  - d. Minority includes:
    - (1) Black, a person having origins in any of the Black Racial Groups of Africa.
    - (2) Hispanic, a fluent Spanish speaking, Spanish surnamed person of Mexican, Puerto Rican, Cuban, Central American, South American, or other Spanish origin.
    - (3) Asian or Pacific Islander, a person having origins in any of the original peoples of the Pacific rim or the Pacific Islands, the Hawaiian Islands and Samoa.
    - (4) American Indian or Alaskan Native, a person having origins in any of the original peoples of North America, and who maintain cultural identification through tribal affiliation or community recognition.
2. Whenever the Contractor, or any Subcontractor at any tier, subcontracts a portion of the work involving any construction trade, it shall physically include in each subcontract in excess of \$10,000 the provisions of these specifications and the Notice which contains the applicable goals for minority and female participation and which is set forth in the solicitations from which this contract resulted.

3. If the Contractor is participating (pursuant to 41 CFR 60-4.5) in a Hometown Plan approved by the U.S. Department of Labor in the covered area either individually or through an association, its affirmative action obligations on all work in the Plan area (including goals and timetables) shall be in accordance with that Plan for those trades which have unions participating in the Plan. Contractors must be able to demonstrate their participation in and compliance with the provisions of any such Hometown Plan. Each Contractor or Subcontractor participating in an approved Plan is individually required to comply with its obligations under the EEO clause, and to make a good faith effort to achieve each goal under the Plan in each trade in which it has employees. The overall good faith performance by other Contractors or Subcontractors toward a goal in an approved Plan does not excuse any covered Contractor's or Subcontractor's failure to take good faith effort to achieve the Plan goals and timetables.
4. The Contractor shall implement the specific affirmative action standards provided in paragraphs 7a through 7p of this Special Provision. The goals set forth in the solicitation from which this contract resulted are expressed as percentages of the total hours of employment and training of minority and female utilization the Contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. Covered construction contractors performing construction work in geographical areas where they do not have a Federal or federally assisted construction contract shall apply the minority and female goals established for the geographical area where the work is being performed. The Contractor is expected to make substantially uniform progress in meeting its goals in each craft during the period specified.
5. Neither the provisions of any collective bargaining agreement, nor the failure by a union with whom the Contractor has a collective bargaining agreement, to refer either minorities or women shall excuse the Contractor's obligations under these specifications, Executive Order 11246, or the regulations promulgated pursuant thereto.
6. In order for the nonworking training hours of apprentices and trainees to be counted in meeting the goals, such apprentices and trainees must be employed by the Contractor during the training period, and the Contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees must be trained pursuant to training programs approved by the U.S. Department of Labor.
7. The Contractor shall take specific affirmative actions to ensure equal employment opportunity. The evaluation of the Contractor's compliance with these specifications shall be based upon its effort to achieve maximum results from its action. The Contractor shall document these efforts fully, and shall implement affirmative action steps at least as extensive as the following:
  - a. Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities at which the Contractor's employees are assigned to work. The Contractor, where possible, will assign two or more women to each construction project. The Contractor shall specifically ensure that all foremen, superintendents, and other on-site supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.
  - b. Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to

community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.

- c. Maintain a current file of the names, addresses and telephone numbers of each minority and female off-the-street applicant and minority or female referral from a union, a recruitment source or community organization and of what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the Contractor by the union or, if referred, not employed by the Contractor, this shall be documented in the file with the reason therefore, along with whatever additional actions the Contractor may have taken.
- d. Provide immediate written notification to the Director when the union or unions with which the Contractor has a collective bargaining agreement has not referred to the Contractor a minority person or woman sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.
- e. Develop on-the-job training opportunity and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those programs funded or approved by the U.S. Department of Labor. The Contractor shall provide notice of these programs to the sources compiled under 7b above.
- f. Disseminate the Contractor's EEO policy by providing notice of the policy to unions and training programs and requesting their cooperation in assisting the Contractor in meeting its EEO obligations; by including it in any policy manual and collective bargaining agreement; by publicizing it in the company newspaper, annual report, etc.; by specific review of the policy with all management personnel and with all minority and female employees at least once a year; and by posting the company EEO policy on bulletin boards accessible to all employees at each location where construction work is performed.
- g. Review, at least annually, the company's EEO policy and affirmative action obligations under these specifications with all employees having any responsibility for hiring, assignment, layoff, termination or other employment decisions including specific review of these items with on-site supervisory personnel such as Superintendents, General Foremen, etc., prior to the initiation of construction work at any job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed, and disposition of the subject matter.
- h. Disseminate the Contractor's EEO policy externally by including it in any advertising in the news media, specifically including minority and female news media, and providing written notification to and discussing the Contractor's EEO policy with other Contractors and Subcontractors with whom the Contractor does or anticipates doing business.
- i. Direct its recruitment efforts, both oral and written to minority, female and community organizations, to schools with minority and female students and to minority and female recruitment and training organizations serving the Contractor's recruitment area and employment needs. Not later than one month prior to the date for the

- acceptance of applications for apprenticeship or other training by any recruitment source, the Contractor shall send written notification to organizations such as the above, describing the openings, screening procedures, and tests to be used in the selection process.
- j. Encourage present minority and female employees to recruit other minority persons and women and where reasonable, provide after school, summer and vacation employment to minority and female youth both on the site and in other areas of a Contractor's work force.
  - k. Validate all tests and other selection requirements where there is an obligation to do so under 41 CFR Part 60-3.
  - l. Conduct, at least annually, an inventory and evaluation of all minority and female personnel for promotional opportunities and encourage these employees to seek or to prepare for, through appropriate training, etc., such opportunities.
  - m. Ensure that seniority practices, job classifications, work assignments and other personnel practices, do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the EEO policy and the Contractor's obligations under these specifications are being carried out.
  - n. Ensure that all facilities and company activities are nonsegregated except that separate or single-user toilet and necessary changing facilities shall be provided to assure privacy between the sexes.
  - o. Document and maintain a record of all solicitations of offers for subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.
  - p. Conduct a review, at least annually, of all supervisors' adherence to and performance under the Contractor's EEO policies and affirmative action obligations.
8. Contractors are encouraged to participate in voluntary associations which assist in fulfilling one or more of their affirmative action obligations (7a through 7p). The efforts of a contractor association, joint contractor-union, contractor-community, or other similar group of which the Contractor is a member and participant, may be asserted as fulfilling any one or more of the obligations under 7a through 7p of this Special Provision provided that the Contractor actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry, ensure that the concrete benefits of the program are reflected in the Contractor's minority and female work-force participation, makes a good faith effort to meet its individual goals and timetables, and can provide access to documentation which demonstrate the effectiveness of actions taken on behalf of the Contractor. The obligation to comply, however, is the Contractor's and failure of such a group to fulfill an obligation shall not be a defense for the Contractor's noncompliance.
9. A single goal for minorities and a separate single goal for women have been established. The Contractor, however, is required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female, and all women, both minority and non-minority. Consequently, the Contractor may be in violation of the Executive Order if a particular group is employed in substantially disparate manner (for

example, even though the Contractor has achieved its goals for women generally, the Contractor may be in violation of the Executive Order if a specific minority group of women is underutilized).

10. The Contractor shall not use the goals and timetables or affirmative action standards to discriminate against any person because of race, color, religion, sex, or national origin.
11. The Contractor shall not enter into any subcontract with any person or firm debarred from Government contracts pursuant to Executive Order 11246.
12. The Contractor shall carry out such sanctions and penalties for violation of these specifications and of the Equal Opportunity Clause, including suspensions, terminations and cancellations of existing subcontracts as may be imposed or ordered pursuant to Executive Order 11246, as amended, and its implementing regulations by the Office of Federal Contract Compliance Programs. Any Contractor who fails to carry out such sanctions and penalties shall be in violation of these specifications and Executive Order 11246, as amended.
13. The Contractor, in fulfilling its obligations under these specifications, shall implement specific affirmative action steps, at least as extensive as those standards prescribed in paragraph 7 of this Special Provision, so as to achieve maximum results from its efforts to ensure equal employment opportunity. If the Contractor fails to comply with the requirements of the Executive Order, the implementing regulations, or these specifications, the Director shall proceed in accordance with 41 CFR 60-4.8.
14. The Contractor shall designate a responsible official to monitor all employment related activity to ensure that the company EEO policy is being carried out, to submit reports relating to the provisions hereof as may be required by the government and to keep records. Records shall at least include, for each employee, their name, address, telephone numbers, construction trade, union affiliation if any, employee identification number when assigned, social security number, race, sex, status (e.g., mechanic, apprentice, trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in an easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, the Contractors will not be required to maintain separate records.
15. Nothing herein provided shall be construed as a limitation upon the application of other laws which establish different standards of compliance or upon the application of requirements for the hiring of local or other area residents (e.g., those under the Public Works Employment Act of 1977 and the Community Development Block Grant Program).
16. Additional assistance for Federal Construction Contractors on contracts administered by Washington State Department of Transportation or by Local Agencies may be found at:

Washington State Dept. of Transportation  
Office of Equal Opportunity  
PO Box 47314  
310 Maple Park Ave. SE  
Olympia WA  
98504-7314

Ph: 360-705-7090  
Fax: 360-705-6801  
<http://www.wsdot.wa.gov/equalopportunity/default.htm>

### **Disadvantaged Business Enterprise Participation**

MAY 7, 2012 (WSDOT GSP) 1-07.11.OPT2.GR1

The Disadvantaged Business Enterprise (DBE) requirements of 49 CFR Part 26 apply to this Contract. As such, the requirements of this Contract are to make affirmative efforts to solicit DBEs, provide information on who submitted a Bid or quote and to report DBE participation quarterly as described elsewhere in these Contract Provisions. No preference will be included in the evaluation of Bids/Proposals, no minimum level of DBE participation shall be required as a Condition of Award and Bids/Proposals may not be rejected or considered non-responsive on that basis.

#### **DBE Goals**

No DBE goals have been assigned as part of this Contract.

#### **Affirmative Efforts to Solicit DBE Participation**

DBE firms shall have an equal opportunity to compete for subcontracts in which the Contractor enters into pursuant to this Contract.

Contractors are encouraged to:

1. Advertise opportunities for Subcontractors or suppliers in a timely and reasonably designed manner to provide notice of the opportunity to DBEs capable of performing the Work. All advertisements should include a Contract Provision encouraging participation by DBE firms. This may be accomplished through general advertisements (e.g. newspapers, journals, etc.) or by soliciting Bids/Proposals directly from DBEs.

Note: A Directory of Certified DBE Firms denoting the Description of Work the DBE Contractors are certified to perform is available at:

[www.omwbe.wa.gov/certification/index.shtml](http://www.omwbe.wa.gov/certification/index.shtml).

The directory provides a plain language on the Description of Work that the listed DBE's have been certified by the Office of Minority and Women's Business Enterprises (OMWBE) to perform.

2. Establish delivery schedules that encourage participation by DBEs and other small businesses.
3. Participate with a DBE as a joint venture.

#### **DBE Eligibility/Selection of DBEs for Reporting Purposes Only**

Contractors may take credit for DBEs utilized on this Contract only if the firm is certified for the Work being performed.

Absent a mandatory goal, all DBE participation that is attained on this project will be considered as "race neutral" participation and shall be reported as such.

## **Crediting DBE Participation for Reporting Purposes**

### **Joint Venture**

When a DBE performs as a participant in a joint venture, only that portion of the total dollar value of the Contract equal to the distinct, clearly defined portion of the Work that the DBE performs with its own forces shall be credited.

### **DBE Prime Contractor**

A DBE Prime Contractor may only take credit for that portion of the total dollar value of the Contract equal to the distinct, clearly defined portion of the Work that the DBE Prime Contractor performs with its own forces.

### **DBE Subcontractor**

When a DBE firm participates as a Subcontractor, only that portion of the total dollar value of the Contract equal to the distinct, clearly defined portion of the Work that the DBE performs with its own forces shall be credited.

- Include the cost of supplies and materials obtained by the DBE for the Work in the Contract including supplies purchased or equipment leased by the DBE. However, you may not take credit supplies, materials, and equipment the DBE Subcontractor purchases or leases from the Prime Contractor or its affiliate. In addition, Work performed by a DBE, utilizing resources of the Prime Contractor or its affiliates shall not be credited.
- In very rare situations, a DBE firm may utilize equipment and/or personnel from a non-DBE firm other than the Prime Contractor or its affiliates. Should this situation arise the arrangement must be short-term and have prior written approval from the Office of Equal Opportunity (OEO). The arrangement must not impact a DBE firm's ability to perform a Commercially Useful Function (CUF).
- Count the entire value of fees or commissions charged by a DBE firm for providing a bona fide service, such as professional, technical, consultant, managerial services, or for providing bonds or insurance.
- When a DBE subcontracts to another firm, the value of the subcontracted Work may be counted as participation only if the DBE's lower tier Subcontractor is also a DBE.
- When non-DBE Subcontractor further subcontracts to a lower-tier Subcontractor or supplier who is a certified DBE, then that portion of the Work further subcontracted may be credited as DBE participation, so long as it is a distinct clearly defined portion of the Work that the DBE is performing with its own forces.
- If a firm is not certified as a DBE at the time of the execution of the contract, their participation cannot be counted toward any DBE goals.

### **Trucking**

Use the following factors in determining DBE credit and whether a DBE trucking company is performing a Commercially Useful Function (CUF):

1. The DBE must be responsible for the management and supervision of the entire trucking operation for which credit is being claimed.
2. The DBE must itself own and, with its own workforce, operate at least one fully licensed, insured, and operational truck used on the Contract.

3. The DBE receives credit only for the value of the transportation services it provides on the Contract using trucks it owns or leases, licenses, insures, and operates with drivers it employs. For purposes of this requirement a lease must indicate that the DBE has exclusive use of and control over the truck. This does not preclude the leased truck from working for others provided it is with the consent of the DBE and the lease provides the DBE first priority for use of the leased truck. Leased trucks must display the name and identification number of the DBE.
4. The DBE may lease trucks from another DBE firm including an owner-operator provided they are certified as a DBE for trucking. The DBE who leases trucks from another DBE may claim participation for the total value of the transportation services the lessee DBE provides on the Contract.
5. The DBE may also lease trucks from a non-DBE firm and may enter into an agreement with an owner-operator who is a non-DBE. The DBE shall only receive credit for the number of additional non-DBE trucks equal or less than the number of DBE trucks the firm owns or has leased/subcontracted through another DBE trucking company. The DBE must control the work of the non-DBE trucks. If the non-DBE is performing the Work without supervision of that Work by the DBE, the DBE is not performing a Commercially Useful Function (CUF).
6. In any lease or owner-operator situation, as described in requirement #4 and #5 above, the following rules shall apply:
  - a. A written lease/rental agreement is required for all trucks leased or rented; documenting the ownership and the terms of the agreement. The agreements must be submitted and approved by the Contracting Agency prior to the beginning of the Work. The agreement must show the leaser's name, truck description and agreed upon amount and method of payment (hour, ton, or per load). All lease agreements shall be for a long-term relationship, rather than for the individual project. (This requirement does not apply to owner-operator arrangements.)
  - b. Only the vehicle, (not the operator) may be leased or rented. (This requirement does not apply to owner-operator arrangements.)
7. Credit may only be claimed for DBE trucking firms operating under a subcontract or a written agreement approved by the Contracting Agency prior to performing Work.

### **Expenditures paid to other DBEs**

Expenditures paid to other DBEs for materials or supplies may be counted toward DBE goals as provided in the following:

#### **Manufacturer**

You may claim DBE credit for 100 percent of value of the materials or supplies obtained from a DBE manufacturer.

A manufacturer is a firm that operates or maintains a factory or establishment that produces, on the premises, the materials, supplies, articles, or equipment required under the contract. A manufacturer shall include firms that produce finished goods or products from raw or unfinished material or that purchases and substantially alters goods and materials to make them suitable for construction use before reselling them.

In order to receive credit as a DBE Manufacturer, the firm must be certified by OMWBE as a manufacturer in a NAICS code that falls within the 31XXXX to 33XXXX classification.

### **Regular Dealer**

You may claim credit for 60 percent of the value of the materials or supplies purchased from a DBE regular dealer. Rules applicable to regular dealer status are contained in 49 CFR Part 26.55.e.2.

To be considered a regular dealer you must meet the following criteria:

1. WSDOT considers and recognizes a regular dealer, as a firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials or supplies required for the performance of the Contract and described by the specifications of the Contract are bought, kept in stock and regularly sold or leased to the public in the usual course of business.
2. Sixty percent (60%) of the cost of materials or supplies purchased from an approved regular dealer may be credited as DBE participation.

Regular dealer status is granted on a contract-by-contract basis. A firm wishing to be approved as a regular dealer for WSDOT contracted projects or Highways & Local Program administered projects must submit a request in writing to the OEO no later than seven days prior to bid opening.

Once the OEO has received the request, an onsite review will be set up with the firm and a review conducted to determine the firm's qualifications. If it is determined that the firm qualifies as a regular dealer the OEO will list the firm on an approved regular dealers List. The list may be accessed through the OEO Home website is at:

[www.wsdot.wa.gov/equalopportunity](http://www.wsdot.wa.gov/equalopportunity)

Note: Requests to be listed as a regular dealer will only be processed if the requesting firm is certified by the Office of Minority and Women's Business Enterprises in a NAICS code that fall within the 42XXXX NAICS Wholesale code section.

### **Materials or Supplies Purchased from a DBE**

With regard to materials or supplies purchased from a DBE who is neither a manufacturer nor a regular dealer you may claim credit for the following:

1. Fees or commissions charged for assistance in the procurement of the materials and supplies.
2. Fees or transportation charges for the delivery of materials or supplies.

In either case, you may not take credit for any part of the cost of the materials and supplies.

### **Joint Checking Allowance**

Prime Contractors and DBEs must receive pre-approval by the OEO before using a joint check. Joint check requests shall be submitted, by the Prime Contractor to the Contracting Agency for approval.

When requesting approval for use of a joint checking allowance, the Contractor must distribute a written joint check agreement among the parties (including the suppliers involved) providing full and prompt disclosure of the expected use of the joint checks. The agreement shall contain all the information concerning the parties' obligations and consequences or remedies if the agreement is not fulfilled or a breach occurs. The joint check request shall be submitted to the Contracting Agency for approval prior to signing the Contract agreement.

The following are some general conditions that must be met by all parties regarding joint check use:

- a. It is understood the Prime Contractor acts as the guarantor of a joint check.
- b. The DBE's own funds are used to pay supplier of materials. The Prime Contractor does not make direct payment to supplier. In order to be performing a Commercially Useful Function (CUF), the DBE must release the check to the supplier (paying for the materials it-self and not be an extra participant in a transaction).
- c. If the Prime Contractor makes joint checks available to one DBE Subcontractor, the service must be made available to all Subcontractors (DBE and non-DBE).
- d. The relationship between the DBE and its suppliers should be established independently of and without interference by the Prime Contractor. The DBE has final decision-making responsibility concerning the procurement of materials and supplies, including which supplier to use.
- e. The Prime Contractor and DBE shall be able to provide receipts, invoices, cancelled checks and/or certification statements of payment if requested by the Contracting Agency.
- f. The DBE remains responsible for all other elements of 49 CFR 26.55(c) (1).

Failure by the Prime Contractor to request and to receive prior approval of a joint check arrangement will result in the joint check amount not counting towards the Prime Contractor's DBE goal.

### **Commercially Useful Function (CUF)**

In any case, you may only take credit when the associated DBE that is determined to be performing a Commercially Useful Function (CUF).

- A DBE performs a CUF when it is responsible for execution of a distinct element of Work and is carrying out its responsibilities by performing, managing and supervising the Work involved. The DBE must also be responsible with respect to materials and supplies used on the Contract. For example; negotiating price, determining quality, determining quantities, ordering, installing (if applicable) and paying for the material itself.
- A DBE does not perform a CUF if its role is limited to that of an extra participant in a transaction, Contract, or project through which funds are passed.

### **Procedures Between Award and Execution**

After award and prior to Execution of the Contract, the successful Bidder shall provide additional information as described below. Failure to comply may result in the forfeiture of the Bidder's Proposal bond or deposit.

A list of all firms who submitted a Bid or quote in an attempt to participate in this project whether they were successful or not.

Include the correct business name, federal employer identification number (optional) and a mailing address.

The firms identified by the Prime Contractor may be contacted by Contracting Agency to solicit general information as follows:

1. Age of the firm.
2. Average of its gross annual receipts over the past three years.

### **Procedures after Execution**

#### **Reporting**

##### **Quarterly Report of Amounts Credited as DBE Participation Form #422-102**

The Prime Contractor shall submit a Quarterly Report of Amounts Credited as DBE Participation form (422-102 EF) on a quarterly basis for any calendar quarter in which DBE Work is accomplished or upon completion of the project, as appropriate. This is a record of payments to the DBE that the Prime Contractor is taking credit for as DBE participation. The dollars reported as specified in Crediting DBE Participation for Reporting Purposes section of this contract provision.

In the event that the payments to a DBE have been made by an entity other than the Prime Contractor (as in the case of a lower-tier Subcontractor or supplier), then the Prime Contractor shall obtain the quarterly report, including the signed affidavit, from the paying entity and submit the report to the Contracting Agency.

#### **Payment**

Compensation for all costs associated with complying with the conditions of this specification shall be included in payment for the associated Contract items of Work.

#### **Prompt Payment**

Prompt payment to all Subcontractors shall be in accordance with Section 1-08.1(1) of the Contract Provisions.

#### **Damages for Noncompliance**

The Prime Contractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this Contract. The Prime Contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of Contracts, which contain funding assistance from the United States Department of Transportation. Failure by the Prime Contractor to carry out these requirements is a material breach of this Contract, which may result in the termination of this Contract or such other remedy as the Contracting Agency deems appropriate.

## **Small Business Enterprise Participation**

JULY 1, 2013 (WSDOT GSP) 1-07.11.OPT6.GR1

The Small Business Enterprise (SBE) Program is an element of the Disadvantaged Business Enterprise (DBE) Program in accordance with the requirements of 49 CFR Part 26.39. As such, the requirements of this contract establish affirmative efforts to utilize SBE certified firms on construction projects. No preference will be included in the evaluation of Bids/Proposals. No minimum level of SBE participation shall be required as a Condition of Award and Bids/Proposals may not be rejected or considered non-responsive on that basis.

### **Voluntary SBE Goals**

A voluntary goal amount of ten percent of the Contract bid amount is established.

The goal is voluntary, but achievement of the goal is encouraged. No preference will be included in the evaluation of bids/proposals. Bidders may contact the Washington State Office of Minority and Women's Business Enterprises (OMWBE) at 360-664-9750 or visit [www.omwbe.wa.gov](http://www.omwbe.wa.gov) to obtain information on certified SBE firms.

### **Required SBE Participation Plan**

The Contractor shall submit a SBE Participation Plan prior to commencing contract work. Although the goal is voluntary, the outreach efforts to provide SBE maximum practicable opportunities are not.

For SBE Participation Plan Drafting Guidelines, please visit:

[www.wsdot.wa.gov/equalopportunity](http://www.wsdot.wa.gov/equalopportunity).

### **Definitions**

Regardless of race or gender, a SBE is one certified by OMWBE as such, where the firm's:

- Three year averaged gross receipts are less than \$22.41 million dollars, with smaller industry standards applicable
- Is at least 51% owned and controlled by an individual or individuals with a personal net worth less than \$1.32 million dollars
- A Micro Small Business Enterprise is a firm certified as an SBE with average gross receipts for three years less than one million dollars

## **FEDERAL AGENCY INSPECTION**

(WSDOT GSP) 1-07.12.GR1

(WSDOT GSP) 1-07.12.INST1.GR1

Section 1-07.12 is supplemented with the following:

### **Required Federal Aid Provisions**

JULY 30, 2012 (WSDOT GSP) 1-07.12.OPT1.GR1

The Required Contract Provisions Federal Aid Construction Contracts (FHWA 1273) Revised May 1, 2012 supersede any conflicting provisions of the Standard Specifications and are made a part of this Contract; provided, however, that if any of the provisions of

FHWA 1273 are less restrictive than Washington State Law, then the Washington State Law shall prevail.

The provisions of FHWA 1273 included in this Contract require that the Contractor insert the FHWA 1273 in each Subcontract, together with the wage rates which are part of the FHWA 1273. Also, a clause shall be included in each Subcontract requiring the Subcontractors to insert the FHWA 1273 thereto in any lower tier Subcontracts, together with the wage rates. The Contractor shall also ensure that this section, REQUIRED FEDERAL AID PROVISIONS, is inserted in each Subcontract for Subcontractors and lower tier Subcontractors. For this purpose, upon request to the Project Engineer, the Contractor will be provided with extra copies of the FHWA 1273, the applicable wage rates, and this Special Provision.

## **UTILITIES AND SIMILAR FACILITIES**

(WSDOT GSP) 1-07.17.GR1

(WSDOT GSP) 1-07.17.INST1.GR1

Section 1-07.17 is supplemented with the following:

APRIL 2, 2007 (WSDOT GSP) 1-07.17.OPT1.FR1

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

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

**Avista**  
5702 SR 270  
Pullman, WA 99163  
509-336-6238

APRIL 2, 2007 (WSDOT GSP) 1-07.17.OPT2.FR1

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

Public and private utilities, or their Contractors, will furnish all work necessary to adjust, relocate, replace, or construct their facilities unless otherwise provided for in the Plans or these Special Provisions. Such adjustment, relocation, replacement, or construction will be done during the prosecution of the work for this project. It is anticipated that utility adjustment, relocation, replacement or construction within the project limits will be completed as follows:

It is anticipated the utility company will work in conjunction with the contractor's schedule to relocate the existing utility.

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

The following addresses and telephone numbers of utility companies or their Contractors that will be adjusting, relocating, replacing or constructing utilities within the project limits are supplied for the Contractor's use:

**Frontier Communications**  
Brent Mulford, Network Engineer  
122 W. E Street  
Moscow, ID 83843  
208-883-0478

## **PUBLIC LIABILITY AND PROPERTY DAMAGE INSURANCE**

JANUARY 24, 2011 (APWA GSP) 1-07.18

Delete Section 1-07.18 in its entirety, and replace it with the following:

### **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**

(WSDOT GSP) 1-07.23.GR1

**Construction Under Traffic**

(WSDOT GSP) 1-07.23(1).GR1

(WSDOT GSP) 1-07.23(1).INST1.GR1

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

**Work Zone Clear Zone**

JANUARY 2, 2012 (WSDOT GSP) 1-07.23(1).OPT2.GR1

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:

| <b>Regulatory Posted Speed</b> | <b>Distance From Traveled Way (Feet)</b> |
|--------------------------------|--|
| 35 mph or less                 | 10 *                                     |
| 40 mph                         | 15                                       |
| 45 to 55 mph                   | 20                                       |
| 60 mph or greater              | 30                                       |

\* or 2-feet beyond the outside edge of sidewalk

**Minimum Work Zone Clear Zone Distance**

**RIGHTS OF WAY**

OCTOBER 1, 2005 (APWA GSP) 1-07.24

Delete Section 1-07.24 in its entirety, and replace it with the following:

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

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

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

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

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

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

## **PROSECUTION AND PROGRESS**

(WSDOT GSP) 1-08.GR1

### **PRELIMINARY MATTERS**

MAY 25, 2006 (APWA GSP) 1-08.0

Add the following new section:

#### **1-08.0 Preliminary Matters**

MAY 25, 2006 (APWA GSP) 0800.1

### **HOURS OF WORK**

MARCH 8, 2013 (APWA GSP) 1-08.0(2)

Add the following new Section 1-08.0(2):

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

Written permission from the Engineer is required, if a Contractor desires to perform work on holidays, Saturdays, or Sundays; before 7:00 a.m. or after 6:00 p.m. on any day; or longer

than an 8-hour period on any day. The Contractor shall apply in writing to the Engineer for such permission, no later than noon on the working day prior to the day for which the Contractor is requesting permission to work.

Permission to work between the hours of 10:00 p.m. and 7:00 a.m. during weekdays and between the hours of 10:00 p.m. and 9:00 a.m. on weekends or holidays may also be subject to noise control requirements. Approval to continue work during these hours may be revoked at any time the Contractor exceeds the Contracting Agency's noise control regulations or complaints are received from the public or adjoining property owners regarding the noise from the Contractor's operations. The Contractor shall have no claim for damages or delays should such permission be revoked for these reasons.

Permission to work Saturdays, Sundays, holidays, or other than the agreed upon normal straight time working hours Monday through Friday may be given subject to certain other conditions set forth by the Contracting Agency or Engineer. These conditions may include but are not limited to:

- The Engineer may require designated representatives to be present during the work. Representatives who may be deemed necessary by the Engineer include, but are not limited to: survey crews; personnel from the Contracting Agency's material testing lab; inspectors; and other Contracting Agency employees when in the opinion of the Engineer, such work necessitates their presence.
- On non-Federal aid projects, requiring the Contractor to reimburse the Contracting Agency for the costs in excess of straight-time costs for Contracting Agency representatives who worked during such times.
- Considering the work performed on Saturdays, Sundays, and holidays as working days with regard to the contract time.
- Considering multiple work shifts as multiple working days with respect to contract time, even though the multiple shifts occur in a single 24-hour period.

## **SUBCONTRACTING**

(WSDOT GSP) 1-08.1.GR1

(WSDOT GSP) 1-08.1.INST1.GR1

Section 1-08.1 is supplemented with the following:

OCTOBER 12, 1998 (WSDOT GSP) 1-08.1.OPT1.GR1

Prior to any subcontractor or lower tier subcontractor beginning work, the Contractor shall submit to the Engineer a certification (WSDOT Form 420-004) that a written agreement between the Contractor and the subcontractor or between the subcontractor and any lower tier subcontractor has been executed. This certification shall also guarantee that these subcontract agreements include all the documents required by the Special Provision **FEDERAL AGENCY INSPECTION**.

A subcontractor or lower tier subcontractor will not be permitted to perform any work under the contract until the following documents have been completed and submitted to the Engineer:

1. Request to Sublet Work (Form 421-012), and
2. Contractor and Subcontractor or Lower Tier Subcontractor Certification for Federal-aid Projects (Form 420-004).

The Contractor's records pertaining to the requirements of this Special Provision shall be open to inspection or audit by representatives of the Contracting Agency during the life of the contract and for a period of not less than three years after the date of acceptance of the contract. The Contractor shall retain these records for that period. The Contractor shall also guarantee that these records of all subcontractors and lower tier subcontractors shall be available and open to similar inspection or audit for the same time period.

### **Subcontract Completion and Return of Retainage Withheld**

(WSDOT GSP) 1-08.1(1).GR1

(WSDOT GSP) 1-08.1(1).INST1.GR1

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

AUGUST 4, 2014 (WSDOT GSP) 1-08.1(1).OPT1.GR1

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

#### **Requirements**

1. The Prime Contractor or Subcontractor shall make payment to the Subcontractor not later than ten days after receipt of payment from the Contracting Agency for work satisfactorily completed by the Subcontractor, to the extent of each Subcontractor's interest therein.
2. Prompt and full payment of retainage from the Prime Contractor to the Subcontractor shall be made within 30 days after Subcontractor's Work is satisfactorily completed.
3. For purposes of this Section, a Subcontractor's work is satisfactorily completed when all task and requirements of the Subcontract have been accomplished and including any required documentation and material testing.
4. Failure by a Prime Contractor or Subcontractor to comply with these requirements may result in one or more of the following:
  - a. Withholding of payments until the Prime Contractor or Subcontractor complies
  - b. Failure to comply shall be reflected in the Prime Contractor's Performance Evaluation
  - c. Cancellation, Termination, or Suspension of the Contract, in whole or in part
  - d. Other sanctions as provided by the subcontract or by law under applicable prompt pay statutes.

#### **Conditions**

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

#### **Payment**

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

## **PROSECUTION OF WORK**

(WSDOT GSP) 1-08.4.GR1

(WSDOT GSP) 1-08.4.INST1.GR1

The first sentence of Section 1-08.4 is revised to read:

AUGUST 7, 2006 (WSDOT GSP) 1-08.4.OPT3.FR1

The Contractor shall begin work no earlier than June 1, 2015.

## **TIME FOR COMPLETION**

(WSDOT GSP) 1-08.5.GR1

(WSDOT GSP) 1-08.5.INST1.GR1

The third paragraph of Section 1-08.5 is revised to read:

AUGUST 7, 2006 (WSDOT GSP) 1-08.5.OPT2.FR1

Contract time shall begin on the first working day. The first working day shall be June 1, 2015.

(WSDOT GSP) 1-08.5.INST2.GR1

Section 1-08.5 is supplemented with the following:

MARCH 13, 1995 (WSDOT GSP) 1-08.5.OPT7.FR1

This project shall be physically completed within 50 working days.

AUGUST 14, 2013 (APWA GSP) 1-08.5 OPTION B

Revise the third and fourth paragraphs of Section 1-08.5 to read:

Contract time shall begin on the first working day following the 10th calendar day after the Notice to Proceed date. If the Contractor starts work on the project at an earlier date, then contract time shall begin on the first working day when onsite work begins.

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

Revise the sixth paragraph of Section 1-08.5 to read:

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

1. The physical work on the project must be complete; and
2. The Contractor must furnish all documentation required by the contract and required by law, to allow the Contracting Agency to process final acceptance of the contract. The following documents must be received by the Project Engineer prior to establishing a completion date:
  - a. Certified Payrolls (per Section 1-07.9(5)).
  - b. Material Acceptance Certification Documents
  - c. Quarterly Reports of Amounts Credited as DBE Participation, as required by the Contract Provisions.
  - d. Final Contract Voucher Certification
  - e. Copies of the approved "Affidavit of Prevailing Wages Paid" for the Contractor and all Subcontractors
  - f. Property owner releases per Section 1-07.24

## **LIQUIDATED DAMAGES**

AUGUST 14, 2013 (APWA GSP) 1-08.9

Revise the fourth paragraph of Section 1-08.9 to read:

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

## **MEASUREMENT AND PAYMENT**

(WSDOT GSP) 1-09.GR1

### **SCALES**

(WC GSP) 1-09.2(1)

(WC GSP) 1-09.2(1).INST1.GR1

Section 1-09.2(1) is supplemented with the following:

JANUARY 25, 2001 (WC GSP) 1-09.2(1)

The scales used on this project shall be self-printing scales which will provide duplicate legible copies.

### **PAYMENTS**

(WSDOT GSP) 1-09.9.GR1

MARCH 13, 2012 (APWA GSP) 1-09.9

Delete the first four paragraphs of Section 1-09.9 and replace them with the following:

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

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

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

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

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

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

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

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

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

MARCH 13, 2012 (APWA GSP) 1-09.9

Supplement Section 1-09.9 with the following:

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

### **Retainage**

(WSDOT GSP) 1-09.9(1).GR1

(WSDOT GSP) 1-09.9(1).INST1.GR1

Section 1-09.9(1) content and title is deleted and replaced with the following:

**Vacant**

**CLAIMS \$250,000 OR LESS**

OCTOBER 1, 2005 (APWA GSP) 1-09.13(3)

Delete Section 1-09.13(3) and replace it with the following:

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

**ADMINISTRATION OF ARBITRATION**

OCTOBER 1, 2005 (APWA GSP) 1-09.13(3)A

Revise the third paragraph of Section 1-09.13(3)A to read:

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

**TEMPORARY TRAFFIC CONTROL**

(WSDOT GSP) 1-10.GR1

**TRAFFIC CONTROL MANAGEMENT**

(WSDOT GSP) 1-10.2.GR1

**General**

(WSDOT GSP) 1-10.2(1).GR1

(WSDOT GSP) 1-10.2(1).INST1.GR1

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

DECEMBER 1, 2008 (WSDOT GSP) 1-10.2(1).OPT1.GR1

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

## **MEASUREMENT**

(WSDOT GSP) 1-10.4.GR1

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

(WSDOT GSP) 1-10.4(1).GR1

(WSDOT GSP) 1-10.4(1).INST1.GR1

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

AUGUST 2, 2004 (WSDOT GSP) 1-10.4(1).OPT1.GR1

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

## **DIVISION 2 EARTHWORK**

(WSDOT GSP) DIVISION2.GR2

### **CLEARING, GRUBBING, AND ROADSIDE CLEANUP**

(WSDOT GSP) 2-01.GR2

## **DESCRIPTION**

(WSDOT GSP) 2-01.1.GR2

(WSDOT GSP) 2-01.1.INST1.GR2

Section 2-01.1 is supplemented with the following:

MARCH 13, 1995 (WSDOT GSP) 2-01.1.OPT1.FR2

Clearing and grubbing on this project shall be performed within the following limits:

From the existing roadway edge to the slope stakes.

### **REMOVAL OF STRUCTURES AND OBSTRUCTIONS**

(WSDOT GSP) 2-02.GR2

## **CONSTRUCTION REQUIREMENTS**

(WSDOT GSP) 2-02.3.GR2

### **Removal of Bridges, Box Culverts, and other Drainage Structures**

(WSDOT GSP) 2-02.3(2).GB2

(WSDOT GSP) 2-02.3(2).INST1.GB2

Section 2-02.3(2) is supplemented with the following:

JUNE 26, 2000 (WSDOT GSP) 2-02.3(2).OPT3.FB2

The Contractor shall remove the following portions of Hatley Bridge, as shown in the plans:

The existing superstructure above the top of the existing abutments.

## **Bridge Demolition Plan**

JUNE 26, 2000 (WSDOT GSP) 2-02.3(2).OPT5.GB2

The Contractor shall submit a bridge demolition plan with working drawings and calculations to the Engineer for approval in accordance with Section 6-01.9, showing the method of removing the existing bridge(s), or portions of bridges, as specified.

The bridge demolition plan shall show support bents, bracing, guys, lifting devices, lifting attachments, the sequence of demolition and removal, the type of equipment to be used in all demolition and removal operations, the location of cranes and barges, the location of support or lifting points, and the weights of structure parts being removed. The plan shall include a crane stability analysis and crane load calculations based on the controlling crane picks of the Contractor's plan. The plan shall detail the containment, collection, and disposal of all debris. The plan shall show all stages of demolition.

The Contractor shall not begin removal operations until receiving the Engineer's approval of the bridge demolition plan.

## **Use of Explosives**

(WSDOT GSP) 2-02.3(2).OPT10.GB2

JUNE 26, 2000 (WSDOT GSP) 2-02.3(2).OPT10(A).GB2

Explosives shall not be used in the demolition.

## **Care of Existing Concrete**

MAY 20, 2014 (WC GSP) 2-02.3(2)

The Contractor shall roughen, clean, and saturate existing concrete surfaces, against which fresh concrete will be placed, in accordance with Section 6-02.3(12)B.

The Contractor shall monitor the existing abutments that are to remain in place. He shall set up control system whereby points on the existing abutments can be monitored for any movement at critical times during the project. If movement is noted, all work shall stop until a solution is proposed by the Contractor and approved by the Engineer.

## **Requirements for Closing Bridge to Traffic Prior to Beginning Removal**

AUGUST 6, 2007 (WSDOT GSP) 2-02.3(2).OPT11.GB2

The Contractor shall not close the existing bridge to traffic, and shall not begin bridge removal operations, until the following conditions are met:

1. The Contractor has received the Engineer's approval of the bridge demolition plan.
2. The Contractor has received the Engineer's approval of all shop drawings and materials submittals for materials required for the work to be executed during the closure.
3. The Contractor has submitted a report on the status of material delivery to the Engineer. The report shall specify the materials already available at the site, the materials yet to arrive at the site, and the scheduled delivery dates of the materials yet to arrive at the site, with written verification from the supplier or copies of confirmed purchase orders indicating the delivery dates of the materials yet to arrive at the site.

4. The Contractor shall provide an updated progress schedule in accordance with Section 1-08.3 confirming that the scheduled delivery of materials will meet the schedule to complete the work within the allowed time. The Contractor shall supplement the progress schedule with a written narrative describing the assumed production rates and planned resource allocations that support the bridge construction activity durations provided in the progress schedule.
5. The Contractor has received the Engineer's approval to proceed.

## **PAYMENT**

(WSDOT GSP) 2-02.5.GR2

(WSDOT GSP) 2-02.5.INST2.GB2

Section 2-02.5 is supplemented with the following:

JUNE 26, 2000 (WSDOT GSP) 2-02.5.OPT10.GB2

"Removing Portion of Existing Hatley Bridge", lump sum.

## **ROADWAY EXCAVATION AND EMBANKMENT**

(WSDOT GSP) 2-03.GR2

## **CONSTRUCTION REQUIREMENTS**

(WSDOT GSP) 2-03.3.GR2

(WC GSP) 2-03.3.INST1

Section 2-03.3 is supplemented with the following:

### **Embankment Construction**

(WSDOT GSP) 2-03.3(14).GR2

### **Compaction and Moisture Control Tests**

(WC GSP) 2-03.3(14)D

(WC GSP) 2-03.3(14)D.INST1

Section 2-03.3(14)D is deleted and replaced with the following:

JANUARY 7, 2002 (WC GSP) 2-03.3(14)D

Maximum density and optimum moisture content shall be determined using AASHTO Test No. T-180-93, Method B or D.

In place density and moisture content will be determined using AASHTO T-310-00 and WSDOT SOP 615. Moisture content may also be determined in accordance with AASHTO T-255.

## **MEASUREMENT**

(WSDOT GSP) 2-03.4.GR2

(WSDOT GSP) 2-03.4.INST1.GR2

Section 2-03.4 is supplemented with the following:

MAY 19, 1997 (WC GSP) 2-03.4.OPT2

Only one determination of the original ground elevation will be made on this project. Measurement for roadway excavation and embankment will be based on the original ground elevations recorded previous to the award of this contract and, the alignment, profile grade, and roadway section as shown in the Plans or as determined by the Engineer.

If discrepancies are discovered in the ground elevations which will materially affect the quantities of earthwork, the original computations of earthwork quantities will be adjusted accordingly.

Earthwork quantities will be computed, either manually or by means of electronic data processing equipment, by use of the average end area method or by the finite element analysis method utilizing digital terrain modeling techniques.

Copies of the ground cross-section notes will be available for the bidder's inspection, before the opening of bids, at the office of the Project Engineer.

Upon award of the contract, copies of the original ground cross-sections will be furnished to the successful bidder on request to the Project Engineer.

(WC GSP) 2-03.4.INST1

The first sentence of the fifth paragraph of Section 2-03.4 is deleted and replaced with the following:

JUNE 25, 2009 (WC GSP) 2-03.4.INST1

“Embankment Compaction” (Methods B and C in Section 2-03.3(14)C) and “Shot Rock Embankment Compaction” (Section 2-03.3(14)A) will be measured by the cubic yard.

## **STRUCTURE EXCAVATION**

(WSDOT GSP) 2-09.GR2

### **CONSTRUCTION REQUIREMENTS**

(WSDOT GSP) 2-09.3.GR2

#### **General Requirements**

(WSDOT GSP) 2-09.3(1).GR2

(WC GSP) 2-09.3(1).INST1

Section 2-09.3(1) is supplemented with the following:

MAY 19, 1997 (WC GSP) 2-09.3(1)

The Contractor should expect that excavated material will be above optimum moisture content and that it will have to be dried out prior to use as backfill. “Pumping” backfill will not be accepted by the Engineer.

## **DIVISION 4**

### **BASES**

(WSDOT GSP) DIVISION4.GR4

### **BALLAST AND CRUSHED SURFACING**

(WSDOT GSP) 4-04.GR4

### **CONSTRUCTION REQUIREMENTS**

(WSDOT GSP) 4-04.3.GR4

#### **Shaping and Compaction**

(WSDOT GSP) 4-04.3(5).GR4

(WC GSP) 4-04.3(5).INST1

The first sentence of Section 4-04.3(5) is revised to read as follows:

JANUARY 7, 2002 (WC GSP) 4-04.3(5)

Immediately following the spreading and final shaping, each layer of surfacing shall be compacted to at least 95 percent of the standard density determined by AASHTO Test Method No. T-180-93, Method B or D before the next succeeding layer of surfacing or pavement is placed.

(WSDOT GSP) 4-04.3(5).INST1.GR4

Section 4-04.3(5) is supplemented with the following:

JANUARY 7, 2002 (WC GSP) 4-04.3(5)

Maximum density and optimum moisture content shall be determined using AASHTO Test No. T-180-93, Method B or D.

In place density and moisture content will be determined using AASHTO T-310-00 and WSDOT SOP 615. Moisture content may also be determined in accordance with AASHTO T-255.

After placement, final shaping and compaction of the Crushed Surfacing Top Course, the surface shall be ready to accept an HMA surface. The surface shall be processed until accepted by the Engineer.

## **DIVISION 5 SURFACE TREATMENTS AND PAVEMENTS**

(WSDOT GSP) DIVISION5.GR5

### **HOT MIX ASPHALT**

(WSDOT GSP) 5-04.GR5

#### **MATERIALS**

(WSDOT GSP) 5-04.2.GR5

(WSDOT GSP) 5-04.2.INST1.GR5

Section 5-04.2 is supplemented with the following:

#### **Esal's**

JANUARY 3, 2011 (WSDOT GSP) 5-04.2.OPT1.FR5

The number of ESAL's for the design and acceptance of the HMA shall be 300,000.

#### **CONSTRUCTION REQUIREMENTS**

(WSDOT GSP) 5-04.3

#### **Mix Design**

(WC GSP) 5-04.3(7)A

JUNE 2, 2014 (WC GSP) 5-04.3(7)A.INST 1

Section 5-04.3(7)A is supplemented with the following:

JUNE 2, 2014 (WC GSP) 5-04.3(7)A.OPT 1

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

## **Statistical or Nonstatistical Evaluation**

(APWA GSP) 5-04.3(7)A2

(APWA GSP) 5-04.3(7)A2.INST1

Delete Section 5-04.3(7)A2 and replace it with the following:

### **Nonstatistical Evaluation**

JANUARY 16, 2014 (APWA GSP) 5-04.3(3)A.OPT1

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.

## **General**

(APWA GSP) 5-04.3(8)A1

(APWA GSP) 5-04.3(8)A1.INST1

Delete Section 5-04.3(8)A1 and replace it with the following:

JANUARY 16, 2014 (APWA GSP) 5-04.3(8)A1.OPT1

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.

### **Definition of Sampling Lot and Sublot**

(APWA GSP) 5-04.3(8)A4

(APWA GSP) 5-04.3(8)A4.INST1

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

JANUARY 16, 2014 (APWA GSP) 5-04.3(8)A4.OPT1

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.

### **Test Results**

(APWA GSP) 5-04.3(8)A5

JANUARY 16, 2014 (APWA GSP) 5-04.3(8)A5.OPT1

The first paragraph of Section 5-04.3(8)A5 is deleted.

### **Test Methods**

(APWA GSP) 5-04.3(8)A6

(APWA GSP) 5-04.3(8)A6.INST1

Delete Section 5-04.3(8)A6 and replace it with the following:

JANUARY 16, 2014 (APWA GSP) 5-04.3(8)A6.OPT1

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

### **Control**

(WC GSP) 5-04.3(10)B

(WC GSP) 5-04.3(10)B.INST1

The third sentence of the first paragraph of Section 5-04.3(10)B1 is deleted and replaced with the following:

MAY 14, 2010 (WC GSP) 5-04.3(10)B

The specified level of density attained will be determined by the statistical evaluation of five nuclear density gage tests taken in accordance with WSDOT FOP for WAQTC TM 8, AASHTO T-310-00 and WSDOT SOP T 729 on the day the mix is placed (after completion of the finish rolling) at locations determined randomly by the Engineer within each density lot. Reference will be made to WSDOT Test Method T 716 with the exception of the random location determination procedure. Correlation of Nuclear Gauge Densities with Hot Mix Asphalt (HMA) Cores per WSDOT SOP 730 will not be performed.

AUGUST 3, 2009 (WSDOT GSP) 5-04.3(10)B1.OPT14.GR5

The last sentence in the fourth paragraph of Section 5-04.3(10)B1 is revised to read:

HMA that is used for preleveling shall be compacted with a pneumatic tire roller unless otherwise approved by the Engineer.

### **Joints**

(WSDOT GSP) 5-04.3(12).GR5

(WSDOT GSP) 5-04.3(12).INST1.GR5

Section 5-04.3(12) is supplemented with the following:

JANUARY 5, 2004 (WSDOT GSP) 5-04.3(12).OPT1.GR5

The HMA overlay shall be feathered to produce a smooth riding connection to the existing pavement.

HMA utilized in the construction of the feathered connections shall be modified by eliminating the coarse aggregate from the mix at the Contractor's plant or the commercial source or by raking the joint on the roadway, to the satisfaction of the Engineer.

### **Price Adjustments for Quality of HMA Compaction**

(APWA GSP) 5-04.5(1)B

(APWA GSP) 5-04.5(1)B.INST1

Delete Section 5-04.5(1)B and replace it with the following:

JANUARY 16, 2014 (APWA GSP) 5-04.5(1)B.OPT1

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.

## **SAWCUT EXISTING PAVEMENT**

(WC GSP) 5-04

### **CONSTRUCTION DESCRIPTION**

(WC GSP) 5-04

(WC GSP) 5-04.INST1

Section 5-04 is supplemented with the following:

JUNE 16, 1997 (WC GSP) 5-04

The Contractor shall saw cut the existing pavement perpendicular to centerline and full depth of the existing pavement. The pavement shall be removed to provide a firm, neat,

straight vertical edge. The Contractor shall be responsible for maintaining the edge. Additional cuts with the saw will be required to correct broken or damaged edges.

## **MEASUREMENT**

(WC GSP) 5-04.1

(WC GSP) 5-04.1.INST1

Section 5-04 is supplemented with the following:

JUNE 16, 1997 (WC GSP) 5-04.1

The existing pavement sawcut shall be measured by the linear foot of sawcut, along the groundline. Additional cuts to correct broken or damaged edges shall be incidental to this bid item.

## **PAYMENT**

(WC GSP) 5-04.2

(WC GSP) 5-04.2.INST1

Section 5-04 is supplemented with the following:

JUNE 16, 1997 (WC GSP) 5-04.2

Payment will be made in accordance with Section 1-04.1(1) for the following bid items:

"Sawcut Existing Pavement", per linear foot.

## **DIVISION 6 STRUCTURES**

(WSDOT GSP) DIVISION6.GR6

### **GENERAL REQUIREMENTS FOR STRUCTURES**

(WSDOT GSP) 6-01.GR6

## **FOUNDATION DATA**

(WC GSP) 6-01.2.GR6

(WC GSP) 6-01.2.INST1.GR6

Section 6-01.2 is supplemented with the following:

JUNE 26, 2000 (WC GSP) 6-01.2

The Exploratory Test Pit pages in Appendix B are for the test holes shown in the Plans.

## **WORK ACCESS AND TEMPORARY STRUCTURES**

(WSDOT GSP) 6-01.5.GR6

(WSDOT GSP) 6-01.5.INST1.GR6

Section 6-01.5 is re-titled and revised to read as listed above.

(WC GSP) 6-01.5.INST1.GR6

Section 6-01.5 is supplemented with the following:

## **Detour Construction and Removal**

MARCH 8, 2002 (WC GSP) DETOUR

### **Description**

This item of work shall include the construction and removal of a detour bridge.

### **Construction Requirements**

The Contractor shall construct a detour upstream of the bridge in the approximate location as shown on the plans or the Contractor may construct a detour upstream of the bridge in a location approved by the Engineer. The detour shall be constructed prior to closure of the existing bridge and shall be removed in its entirety once the bridge is open to traffic.

The detour shall be a temporary stream crossing with railcars or similar spanning devices. Spanning devices shall have a minimum barrier to barrier width of sixteen feet and a minimum capacity of 40 tons. The travel surface portion of the detour shall be a minimum of sixteen feet wide and shall be constructed to accommodate the safe passage of passenger vehicles and trucks.

Any embankments shall be constructed of clean crushed, shot or natural material. Clean shall be considered uniformly graded sand and gravel with less than two percent passing the No. 200 Sieve.

The minimum crushed surfacing thickness shall be four inches. The surfacing shall be Crushed Surfacing Top Course or Engineer approved equal. The side slopes for the detour embankment shall be a maximum of 1:1.5 (V:H). Once traffic is routed over the new bridge, the Contractor shall remove the detour.

### **Payment**

The lump sum contract price for the "Detour Construction and Removal" shall be full pay for performing the work as specified including designing, mobilization, constructing, maintaining and removing the temporary bridge substructure and superstructure and associated surface, barriers and railing.

All costs in connection with constructing approaches to the temporary bridge, including design and construction of walls and slopes, excavation, hauling, placing and compacting embankment, base course, and road materials, furnishing and installing materials, and removing the approaches and restoring the site to its original natural landscape, shall be included in the unit and lump sum contract prices for "Detour Construction and Removal".

## **CONCRETE STRUCTURES**

(WSDOT GSP) 6-02.GR6

### **MATERIALS**

(WSDOT GSP) 6-02.2.GR6

(WSDOT GSP) 6-02.2.INST1.GR6

Section 6-02.2 is supplemented with the following:

### **Epoxy Bonding Agent For Surfaces And For Steel Reinforcing Bar Dowels**

DECEMBER 2, 2002 (WSDOT GSP) 6-02.2.OPT2.GB6

Epoxy bonding agent for surfaces shall be Type II, as specified in Section 9-26.1. Epoxy bonding agent for steel reinforcing bar dowels shall be either Type I or Type IV, as specified in Section 9-26.1. The grade and class of epoxy bonding agent shall be as recommended by the resin manufacturer and approved by the Engineer.

## **Bridge Supported Utilities**

(WSDOT GSP) 6-02.2.OPT46.GB6

JUNE 26, 2000 (WSDOT GSP) 6-02.2.OPT46(A).GB6

Inserts shall be of the type and model specified in the Plans. Inserts shall be galvanized in accordance with AASHTO M 111.

APRIL 30, 2001 (WSDOT GSP) 6-02.2.OPT46(B).GB6

Hanger rods, and associated nuts and washers, shall conform to Section 9-06.5(1), and shall be galvanized in accordance with AASHTO M 232.

Steel bars and plates shall conform to ASTM A 36 and shall be galvanized in accordance with AASHTO M 111.

JUNE 26, 2000 (WSDOT GSP) 6-02.2.OPT46(D).GB6

Pipe rolls or pipe saddles shall be of the type and model specified in the Plans.

## **CONSTRUCTION REQUIREMENTS**

(WSDOT GSP) 6-02.3.GR6

(WSDOT GSP) 6-02.3.INST1.GB6

Section 6-02.3 is supplemented with the following:

### **Bridge Supported Utilities**

(WSDOT GSP) 6-02.3.OPT2.GB6

JUNE 26, 2000 (WSDOT GSP) 6-02.3.OPT2(A).GB6

The Contractor shall furnish and install inserts for the bridge utility supports as shown in the Plans. The Contractor shall verify that the hanger rods freely hang plumb in their inserts, and shall make adjustments to the inserts as necessary and as approved by the Engineer prior to utility installation.

JUNE 26, 2000 (WSDOT GSP) 6-02.3.OPT2(C).GB6

The Contractor shall furnish and install the bridge utility supports, as shown in the Plans. The Utility Company will furnish material for and install the 2 inch conduit.

The Contractor shall notify the utility company a sufficient time in advance and shall cooperate with the utility company in order that the utility furnished items may be installed in the structure.

### **Reinforcement**

(WSDOT GSP) 6-02.3(24).GR6

#### **Placing and Fastening**

(WSDOT GSP) 6-02.3(24)C.GR6

(WSDOT GSP) 6-02.3(24)C.INST1.GB6

Section 6-02.3(24)C is supplemented with the following:

JUNE 26, 2000 (WSDOT GSP) 6-02.3(24)C.OPT1.GB6

#### **Drilling Holes for, and Setting, Steel Reinforcing Bar Dowels**

Where called for in the Plans, holes shall be drilled into existing concrete to the size and dimension shown in the Plans. The Contractor may use any method for drilling the holes provided the method selected does not damage the concrete and the steel reinforcing bar that is to remain. Core drilling will be required when specifically noted in the Plans.

The Contractor shall exercise care in locating and drilling the holes to avoid damage to existing steel reinforcing bars and concrete. Location of the holes may be shifted slightly with the approval of the Engineer in order to avoid damaging the existing steel reinforcing bars. All damage caused by the Contractor's operations shall be repaired by the Contractor at no cost to the Contracting Agency and the repair shall be as approved by the Engineer.

Steel reinforcing bars shall be set into the holes noted in the Plans with epoxy resin. The holes shall be blown clean with dry compressed air before placing the resin.

The Contractor shall demonstrate, to the satisfaction of the Engineer, that the method used for setting the steel reinforcing bars completely fills the void between the steel reinforcing bar and the concrete with epoxy resin. Dams shall be placed at the front of the holes to confine the epoxy and shall not be removed until the epoxy has cured in the hole.

## MEASUREMENT

(WSDOT GSP) 6-02.4.GR6

(WSDOT GSP) 6-02.4.INST1.GR6

Section 6-02.4 is supplemented with the following:

AUGUST 2, 2010 (WSDOT GSP) 6-02.4.OPT1.FB6

“Superstructure” contains the following approximate quantities of materials and work:

|                                     |      |    |
|-------------------------------------|------|----|
| Concrete Class 4000                 | 50   | CY |
| Epoxy Coated Steel Reinforcing Bar  | 433  | LB |
| Steel Reinforcing Bars              | 5782 | LB |
| Precast Prestressed Bulb Tee Girder | 605  | LF |
| Elastomeric Bearing Pads            | 10   | EA |
| Elastomeric Strip 10” x 1/8”        | 140  | LF |
| T 101 Guardrail                     | 260  | LF |
| Bridge Railing Post Assemblies      | 35   | EA |
| Nosing Angle                        | 123  | LF |
| Utility Hangers & Inserts           | 22   | EA |

The quantities 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 lump sum contract price for “Superstructure” even though the actual quantities required may deviate from those listed.

## PAYMENT

(WSDOT GSP) 6-02.5.GR6

(WSDOT GSP) 6-02.5.INST2.GR6

The third bid item under Section 6-02.5 is supplemented with the following:

JUNE 26, 2000 (WSDOT GSP) 6-02.5.OPT9.FB6

All costs in connection with the Superstructure shall be included in the lump sum contract price for “Superstructure”.

Section 6-02.5 is supplemented with the following:

### **Bridge and Structures Minor Items**

JUNE 26, 2000 (WSDOT GSP) 6-02.5.OPT91.FB6

For the purpose of payment, such bridge and structures items as adhesive, butyl rubber sheeting, drains, inserts, foam backing rod, grout, blockouts, lifting loops, premolded joint filler, dowel bars, etc., for which there is no pay item included in the proposal, are considered as bridge and structures minor items. All costs in connection with furnishing and installing these bridge and structures minor items as shown and noted in the Plans and as outlined in these specifications and in the Standard Specifications shall be included in the lump sum contract price for "Superstructure".

### **Bridge Supported Utilities**

JUNE 26, 2000 (WSDOT GSP) 6-02.5.OPT92.FB6

All costs in connection with placing telephone line through the superstructure of Hatley Bridge as shown in the Plans, including all hangers, shall be included in the "Superstructure".

JUNE 26, 2000 (WSDOT GSP) 6-02.5.OPT93.FB6

No additional compensation will be made by reason of any delay or other expense to the Contractor caused by coordination with the utility company or by installing utility company furnished items. However, any unavoidable delays to the Contractor caused by coordination with the utility company or resulting from installing utility company furnished items will be adjusted in accordance with Section 1-08.8.

## **TIE BACK ANCHOR SYSTEM**

(WC GSP) 6-02

### **CONSTRUCTION REQUIREMENTS**

(WC GSP) 6-02

(WC GSP) 6-02.INST1

Section 6-02 is supplemented with the following:

The Tie Back Anchor System shown on the plans is designed to restrain the rotation of the bridge due to the sharp skew. The system shall conform to the plans and these special provisions. The tie back system consists of two anchor blocks (one at each end), and tie rod assemblies anchored to the end diaphragms and the anchor blocks. The rods shall be threaded to a length to allow at least 10 inches of future tightening. The approximate quantities are listed below under measurement.

The tie rods shall be installed as show in the plans. The rods may be spliced with a splice device and at a location approved by the Engineer. The tie rod shall allow for at least 10 inches of future tightening at the bridge diaphragm end. The rod end shall be treated to prevent corrosion and to allow for tightening.

The Tie Back Anchor System is designed for a minimum working load of 36 kips each tie rod. The Contractor shall submit plans and working drawings of the tie rod system and the elements. The Contractor shall backfill the bridge ends and anchor blocks as specified in Section 2-03.3(14)l.

## MEASUREMENT

(WC GSP) 6-02.4

(WC GSP) 6-02.4.INST1

Section 6-02.4 is supplemented with the following:

“Tie Back Anchor System” contains the following approximate quantities of materials and work:

|  |                |    |
|--|----------------|----|
| Tie Rod Assembly                                   | 8              | EA |
| Steel Reinforcing Bars                             | 1,158          | LB |
| Special Elastomeric Bearing Pad                    | 16             | EA |
| Class 4000 Concrete                                | 17             | CY |
| Structural Excavation (For Anchor Blocks and Rods) | 124            | CY |
| Anchor Plates (10” x 10” x 1”)                     | 16             | EA |
| Tapered Plates                                     | 16             | EA |
| Backfill and Compaction                            | Not Calculated |    |

The quantities 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 lump sum contract price for Tie Back Anchor System even though the actual quantities required may deviate from those listed.

## PAYMENT

(WC GSP) 6-02.5

(WC GSP) 6-02.5.INST1

Section 6-02.5 is supplemented with the following:

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

“Tie Back Anchor System”, lump sum.

## NEW ABUTMENT CAP

(WC GSP) 6-02

## CONSTRUCTION REQUIREMENTS

(WC GSP) 6-02

(WC GSP) 6-02.INST1

Section 6-02 is supplemented with the following:

The existing abutment walls will need to be topped with a leveling layer as shown in the plans. The existing surface shall be sandblasted and roughened to accept a layer of concrete as shown in the plans. The existing abutment elevations as shown in the plans shall be verified by the Contractor.

The #4 dowel bars shall be installed as show in the plans. The bars may be field bent into position provided the existing walls are capable of sustaining the bending without concrete or other damage to the existing structure. The concrete for the cap shall be cured as outlined in section 6-02.3(11) Item 4.

The required final elevation under each girder is shown on the plans. The leveling course of concrete shall conform to Section 6-02.3 for air entrained, Class 4000, concrete with a maximum size of aggregate of 3/8".

## MEASUREMENT

(WC GSP) 6-02.4

(WC GSP) 6-02.4.INST1

Section 6-02.4 is supplemented with the following:

The "New Abutment Cap" contains the following approximate quantities of materials and work:

|                                      |                |    |
|--------------------------------------|----------------|----|
| Concrete Class 4000                  | 151            | CF |
| Steel Reinforcing Bars               | 1,285          | LB |
| Drilling for Dowel Bars (1'-0" deep) | 272            | EA |
| Surface Preparation                  | 238            | SF |
| Structural Excavation                | 22             | CY |
| Epoxy Grout                          | Not Calculated |    |

The quantities 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 lump sum contract price for New Abutment Cap even though the actual quantities required may deviate from those listed.

## PAYMENT

(WC GSP) 6-02.5

(WC GSP) 6-02.5.INST1

Section 6-02.5 is supplemented with the following:

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

"New Abutment Cap", lump sum.

The lump sum contract price for "New Abutment Cap" shall be full pay for performing the work as specified.

All costs in connection with drilling holes in concrete and setting steel reinforcing bar dowels with epoxy resin as specified shall be included in the lump sum contract price "New Abutment Cap".

## DIVISION 7 DRAINAGE STRUCTURES, STORM SEWERS, SANITARY SEWERS, WATER MAINS, AND CONDUITS

(WSDOT GSP) DIVISION7.GR7

### STORM SEWERS

(WSDOT GSP) 7-04.7

## CONSTRUCTION REQUIREMENTS

(WC GSP) 7-04

(WC GSP) 7-04.INST1

Section 7-04 is supplemented with the following:

### Drain Tiles

MAY 19, 1997 (WC GSP) 7-04

All drain tiles encountered on the project, whether shown on the plans or not, shall be left in a working condition by the Contractor. Ends shall be cut flush with the ditch or embankment by a method approved by the Engineer.

## DIVISION 8 MISCELLANEOUS CONSTRUCTION

(WSDOT GSP) DIVISION8.GR8

### EROSION CONTROL AND WATER POLLUTION CONTROL

(WSDOT GSP) 8-01.GR8

## CONSTRUCTION REQUIREMENTS

(WSDOT GSP) 8-01.3.GR8

### Seeding, Fertilizing, and Mulching

(WSDOT GSP) 8-01.3(2).GR8

#### Seeding and Fertilizing

(WSDOT GSP) 8-01.3(2)B.GR8

(WSDOT GSP) 8-01.3(2)B.INST1.GR8

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

AUGUST 4, 2014 (WSDOT GSP) 8-01.3(2)B.OPT1.FR8

Seed of the following mix, rate, and analysis shall be applied at the rates shown below on all areas requiring roadside seeding within the project:

| Seed by Common Name<br>and <u>(Botanical name)</u> | Pounds Pure Live Seed<br><u>(PLS) Per Acre</u> |
|--|--|
| Crested Wheatgrass                                 | 18   |
| Hard Fescue "Dvar"                                 | 18   |
| Bid Bluegrass                                      | 6  |
| Intermediate Wheatgrass                            | <u>18</u>                                      |
| Total  | 60   |

The seed shall be certified in accordance with WAC 16-302 and meet the following requirements:

|                 |            |
|-----------------|------------|
| Prohibited Weed | 0% max.    |
| Noxious Weed    | 0% max.    |
| Other Weed      | 0.20% max. |
| Other Crop      | 0.40% max. |

JANUARY 3, 2006 (WSDOT GSP) 8-01.3(2)B.OPT4.FR8

Sufficient quantities of fertilizer shall be applied to supply the following amounts of nutrients:

Total Nitrogen as N - 135 pounds per acre.

Available Phosphoric Acid as P<sub>2</sub>O<sub>5</sub> - 80 pounds per acre.

Soluble Potash as K<sub>2</sub>O - 80 pounds per acre.

Ninety pounds of nitrogen applied per acre shall be derived from isobutylidene diurea (IBDU), cyclo-di-urea (CDU), or a time release, polyurethane coated source with a minimum release time of 6 months. The remainder may be derived from any source.

The fertilizer formulation and application rate shall be approved by the Engineer before use.

### **Mulching**

(WSDOT GSP) 8-01.3(2)D.GR8

(WSDOT GSP) 8-01.3(2)D.INST1.GR8

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

AUGUST 2, 2010 (WSDOT GSP) 8-01.3(2)DOPT1.FR8

Straw shall be applied at a rate of 4,000 pounds per acre. Wood cellulose fiber mulch shall be applied at a rate of 2,000 pounds per acre.

## **CHAIN LINK FENCE AND WIRE FENCE**

(WSDOT GSP) 8-12.GR8

### **MATERIALS**

(WC GSP) 8-12.2

(WC GSP) 8-12.2.INST1

Section 8-12.2 is supplemented with the following:

#### **Remove Existing Fence**

MAY 19, 2011 (WC GSP) 8-12.2

Fence designated on the plans or by the Engineer, shall be removed as directed by the Engineer. As directed by the Engineer, all fence unused in "Reset Existing Fence" shall be salvaged for the landowner. If the landowner does not want the salvaged fence, it shall be disposed of by the Contractor.

### **MEASUREMENT**

(WC GSP) 8-12.4

(WC GSP) 8-12.4.INST1

Section 8-12.4 is supplemented with the following:

FEBRUARY 6, 1998 (WC GSP) 8-12.4

Removing the existing fence shall be measured by the linear foot of removed fence, along the groundline.

## **PAYMENT**

(WC GSP) 8-12.5

(WC GSP) 8-12.5.INST1

Section 8-12.5 is supplemented with the following:

FEBRUARY 6, 1998 (WC GSP) 1205.8

"Remove Existing Fence" per linear foot.

## **RIPRAP**

(WSDOT GSP) 8-15.GR8

## **MEASUREMENT**

(WSDOT GSP) 8-15.4.GR8

(WSDOT GSP) 8-15.4.INST1.GR8

Section 8-15.4 is supplemented with the following:

FEBRUARY 5, 2001 (WSDOT GSP) 8-15.4.OPT5.GR8

The last paragraph in Section 8-15.4 is deleted.

## **PAYMENT**

(WSDOT GSP) 8-15.5.GR8

(WSDOT GSP) 8-15.5.INST1.GR8

The first sentence of the second paragraph of Section 8-15.5 is revised to read as follows:

MARCH 13, 1995 (WSDOT GSP) 8-15.5OPT1.GR8

The unit contract price per ton or cubic yard for the class or kind of riprap specified shall be full pay for furnishing all labor, tools, equipment, and materials required to construct the riprap, including excavation.

## **STANDARD PLANS**

### **STANDARD PLANS**

OCTOBER 23, 2014 (WSDOT GSP) STDPLANS.GR9

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

The Standard Plans are revised as follows:

#### A-50.10

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

#### A-50.20

Sheet 2 of 2, Plan, with Anchored Barrier, reference C-14a is revised to C-70.10

#### A-50.30

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

A-60.10

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

B-10.20 and B-10.40

Substitute “step” in lieu of “handhold” on plan

B-15.60

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

B-25.20

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

B-55.20

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

B-90.40

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

C-16a

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

C-16b

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

F-10.12

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

G-50.10

Delete – Plan View (bottom center of sheet)

Delete – Mounting Bracket and Steel Strap Detail

G-60.10

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

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

G-60.20

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

G-60.30

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

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

#### G-70.10

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

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

#### H-70.20

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

#### J-3b

Sheet 2 of 2, Plan View of Service Cabinet, Boxed Note, “SEE STANDARD PLAN J-6C...” is revised to read: “SEE STANDARD PLAN J-10.10...”

Sheet 2 of 2, Plan View of Service Cabinet Notes, references to Std. Plan J-9a are revised to J-60.05 (3 instances).

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

#### J-10.22

Key Note 4, “Test with (SPDT Snap Action, Positive close 15 Amp – 120/277 volt “T” rated). Is revised to read: “Test Switch (SPDT snap action, positive close 15 amp – 120/277 volt “T” rated).”

#### J-22.15

Ramp Meter Signal Standard, elevation, dimension 4' - 6" is revised to read; 6'-0"

#### J-28.70

Detail C, dimension, 2" MAX. is revised to read: 1" MAX.

Detail D, dimension, 2" MAX. is revised to read: 1" MAX.

#### J-29.10

Galvanized Welded Wire Mesh detail, callout – “Drill and Tap for 1/4” Diam. Cap Screw, 3 Places, @ 9” center, all 4 edges S.S. Screw, ASTM F593 and washer”

Is revised to read;

“\*Drill and Tap 1/4” (IN) Diam. x 1” (IN) Cap Screw with washer ~ space approx.. 9” o.c. ~ Liberally coat threads with Anti-seize compound (TYP.)”

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

#### J-29.15

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

J-29-16

Title, "Camera Pole Standard Details" is revised to read; "Camera Pole Details"

J-60.14

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

J-90.10

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

J-90.20

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

K-80.10

Sign Installation (Fill Section), dimension, 6' TO 12' MIN. is revised to read: 12' MIN.

Sign Installation (Sidewalk and Curb Section), dimension, 6' TO 12' MIN. is revised to read: 12' MIN.

Sign Installation (Behind Traffic Barrier Section), Delete dimensions - 6' TO 12' MIN. and 6' MIN.

Sign with Supplemental Plaque Installation (Fill Section), dimension, 6' TO 12' MIN. is revised to read: 12' MIN.

Sign Installation (Ditch Section), dimension, 6' TO 12' MIN. is revised to read: 12' MIN. Delete dimension – 6' MIN.

K-80.30

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

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

|                        |                         |                         |
|------------------------|-------------------------|-------------------------|
| A-10.10-00.....8/7/07  | A-30.35-00.....10/12/07 | A-50.20-01.....9/22/09  |
| A-10.20-00.....10/5/07 | A-40.00-00.....8/11/09  | A-50.30-00.....11/17/08 |
| A-10.30-00.....10/5/07 | A-40.10-02.....6/2/11   | A-50.40-00.....11/17/08 |
| A-20.10-00.....8/31/07 | A-40.15-00.....8/11/09  | A-60.10-02.....6/17/14  |
| A-30.10-00.....11/8/07 | A-40.20-02.....5/29/13  | A-60.20-02.....6/2/11   |
| A-30.15-00.....11/8/07 | A-40.50-01.....6/2/11   | A-60.30-00.....11/8/07  |
| A-30.30-01.....6/16/11 | A-50.10-00.....11/17/08 | A-60.40-00.....8/31/07  |
| B-5.20-01.....6/16/11  | B-30.50-01.....4/26/12  | B-75.20-01.....6/10/08  |
| B-5.40-01.....6/16/11  | B-30.70-03.....4/26/12  | B-75.50-01.....6/10/08  |
| B-5.60-01.....6/16/11  | B-30.80-00.....6/8/06   | B-75.60-00.....6/8/06   |
| B-10.20-01.....2/7/12  | B-30.90-01.....9/20/07  | B-80.20-00.....6/8/06   |
| B-10.40-00.....6/1/06  | B-35.20-00.....6/8/06   | B-80.40-00.....6/1/06   |
| B-10.60-00.....6/8/06  | B-35.40-00.....6/8/06   | B-82.20-00.....6/1/06   |
| B-15.20-01.....2/7/12  | B-40.20-00.....6/1/06   | B-85.10-01.....6/10/08  |
| B-15.40-01.....2/7/12  | B-40.40-01.....6/16/10  | B-85.20-00.....6/1/06   |
| B-15.60-01.....2/7/12  | B-45.20-00.....6/1/06   | B-85.30-00.....6/1/06   |
| B-20.20-02.....3/16/12 | B-45.40-00.....6/1/06   | B-85.40-00.....6/8/06   |
| B-20.40-03.....3/16/12 | B-50.20-00.....6/1/06   | B-85.50-01.....6/10/08  |

|                        |                         |                         |
|------------------------|-------------------------|-------------------------|
| B-20.60-03.....3/15/12 | B-55.20-00.....6/1/06   | B-90.10-00.....6/8/06   |
| B-25.20-01.....3/15/12 | B-60.20-00.....6/8/06   | B-90.20-00.....6/8/06   |
| B-25.60-00.....6/1/06  | B-60.40-00.....6/1/06   | B-90.30-00.....6/8/06   |
| B-30.10-01.....4/26/12 | B-65.20-01.....4/26/12  | B-90.40-00.....6/8/06   |
| B-30.20-02.....4/26/12 | B-65.40-00.....6/1/06   | B-90.50-00.....6/8/06   |
| B-30.30-01.....4/26/12 | B-70.20-00.....6/1/06   | B-95.20-01.....2/3/09   |
| B-30.40-01.....4/26/12 | B-70.60-00.....6/1/06   | B-95.40-00.....6/8/06   |
| C-1.....6/16/11        | C-6.....5/30/97         | C-23.60-03.....6/11/14  |
| C-1a.....10/14/09      | C-6a.....10/14/09       | C.24.10-01.....6/11/14  |
| C-1b.....6/16/11       | C-6c.....1/6/00         | C-25.18-04.....6/11/14  |
| C-1c.....5/30/97       | C-6d.....5/30/97        | C-25.20-05.....7/2/12   |
| C-1d.....10/31/03      | C-6f.....7/25/97        | C-25.22-04.....7/2/12   |
| C-2.....1/6/00         | C-7.....6/16/11         | C-25.26-02.....7/2/12   |
| C-2a.....6/21/06       | C-7a.....6/16/11        | C-25.80-03.....6/11/14  |
| C-2b.....6/21/06       | C-8.....2/10/09         | C-40.14-02.....7/2/12   |
| C-2c.....6/21/06       | C-8a.....7/25/97        | C-40.16-02.....7/2/12   |
| C-2d.....6/21/06       | C-8b.....6/27/11        | C-40.18-02.....7/2/12   |
| C-2e.....6/21/06       | C-8e.....2/21/07        | C-70.10-01.....6/17/14  |
| C-2f.....3/14/97       | C-8f.....6/30/04        | C-75.10-01.....6/11/14  |
| C-2g.....7/27/01       | C-10.....6/3/10         | C-75.20-01.....6/11/14  |
| C-2h.....3/28/97       | C-16a.....6/3/10        | C-75.30-01.....6/11/14  |
| C-2i.....3/28/97       | C-16b.....6/3/10        | C-80.10-01.....6/11/14  |
| C-2j.....6/12/98       | C-20.10-02.....6/11/14  | C-80.20-01.....6/11/14  |
| C-2k.....7/27/01       | C-20.14-03.....6/11/14  | C-80.30-01.....6/11/14  |
| C-2n.....7/27/01       | C-20.15-02.....6/11/14  | C-80.40-01.....6/11/14  |
| C-2o.....7/13/01       | C-20.18-02.....6/11/14  | C-80.50-00.....4/8/12   |
| C-2p.....10/31/03      | C-20.19-02.....6/11/14  | C-85.10-00.....4/8/12   |
| C-3.....7/2/12         | C-20.40-04.....6/11/14  | C-85.11-00.....4/8/12   |
| C-3a.....10/4/05       | C-20.41-00.....6/30/14  | C-85.14-01.....6/11/14  |
| C-3b.....6/27/11       | C-20.42-04.....6/11/14  | C-85.15-01.....6/30/14  |
| C-3c.....6/27/11       | C-20.45.01.....7/2/12   | C-85.16-01.....6/17/14  |
| C-4b.....6/8/06        | C-22.14-03.....6/11/14  | C-85.18-01.....6/11/14  |
| C-4e.....10/23/14      | C-22.16-04.....6/11/14  | C-85.20-01.....6/11/14  |
| C-4f.....7/2/12        | C-22.40-04.....10/23/14 | C-90.10-00.....7/3/08   |
|                        | C-22.41-01.....10/23/14 |                         |
|                        | C-22.45-01.....10/23/14 |                         |
| D-2.04-00.....11/10/05 | D-2.48-00.....11/10/05  | D-3.17-01.....5/17/12   |
| D-2.06-01.....1/6/09   | D-2.64-01.....1/6/09    | D-4.....12/11/98        |
| D-2.08-00.....11/10/05 | D-2.66-00.....11/10/05  | D-6.....6/19/98         |
| D-2.14-00.....11/10/05 | D-2.68-00.....11/10/05  | D-10.10-01.....12/2/08  |
| D-2.16-00.....11/10/05 | D-2.80-00.....11/10/05  | D-10.15-01.....12/2/08  |
| D-2.18-00.....11/10/05 | D-2.82-00.....11/10/05  | D-10.20-00.....7/8/08   |
| D-2.20-00.....11/10/05 | D-2.84-00.....11/10/05  | D-10.25-00.....7/8/08   |
| D-2.32-00.....11/10/05 | D-2.86-00.....11/10/05  | D-10.30-00.....7/8/08   |
| D-2.34-01.....1/6/09   | D-2.88-00.....11/10/05  | D-10.35-00.....7/8/08   |
| D-2.36-03.....6/11/14  | D-2.92-00.....11/10/05  | D-10.40-01.....12/2/08  |
| D-2.42-00.....11/10/05 | D-3.09-00.....5/17/12   | D-10.45-01.....12/2/08  |
| D-2.44-00.....11/10/05 | D-3.10-01.....5/29/13   | D-15.10-01.....12/2/08  |
| D-2.60-00.....11/10/05 | D-3.11-03.....6/11/14   | D-15.20-02.....6/2/11   |
| D-2.62-00.....11/10/05 | D-3.15-02.....6/10/13   | D-15.30-01.....12/02/08 |
| D-2.46-01.....6/11/14  | D-3.16-02.....5/29/13   |                         |

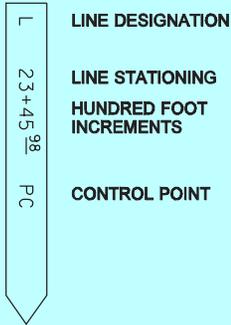
|                         |                         |                         |
|-------------------------|-------------------------|-------------------------|
| E-1.....2/21/07         | E-4.....8/27/03         |                         |
| E-2.....5/29/98         | E-4a.....8/27/03        |                         |
| F-10.12-03.....6/11/14  | F-10.62-02.....4/22/14  | F-40.15-02.....6/20/13  |
| F-10.16-00.....12/20/06 | F-10.64-03.....4/22/14  | F-40.16-02.....6/20/13  |
| F-10.18-00.....6/27/11  | F-30.10-03.....6/11/14  | F-45.10-01.....6/21/12  |
| F-10.40-02.....6/21/12  | F-40.12-02.....6/20/13  | F-80.10-03.....6/11/14  |
| F-10.42-00.....1/23/07  | F-40.14-02.....6/20/13  |                         |
| G-10.10-00.....9/20/07  | G-24.60-03.....6/17/14  | G-70.20-02.....6/10/13  |
| G-20.10-01.....6/11/14  | G-25.10-04.....6/10/13  | G-70.30-02.....6/10/13  |
| G-22.10-02.....6/17/14  | G-30.10-03.....6/17/14  | G-90.10-01.....5/11/11  |
| G-24.10-00.....11/8/07  | G-50.10-01.....6/20/13  | G-90.20-02.....3/22/13  |
| G-24.20-01.....2/7/12   | G-60.10-02.....6/10/13  | G-90.30-02.....3/22/13  |
| G-24.30-01.....2/7/12   | G-60.20-01.....6/27/11  | G-90.40-01.....10/14/09 |
| G-24.40-04.....6/17/14  | G-60.30-01.....6/27/11  | G-95.10-01.....6/2/11   |
| G-24.50-03.....6/17/14  | G-70.10-02.....6/10/13  | G-95.20-02.....6/2/11   |
|                         |                         | G-95.30-02.....6/2/11   |
| H-10.10-00.....7/3/08   | H-32.10-00.....9/20/07  | H-70.10-01.....2/7/12   |
| H-10.15-00.....7/3/08   | H-60.10-01.....7/3/08   | H-70.20-01.....2/16/12  |
| H-30.10-00.....10/12/07 | H-60.20-01.....7/3/08   | H-70.30-02.....2/7/12   |
| I-10.10-01.....8/11/09  | I-30.20-00.....9/20/07  | I-40.20-00.....9/20/07  |
| I-30.10-02.....3/22/13  | I-30.30-01.....6/10/13  | I-50.20-01.....6/10/13  |
| I-30.15-02.....3/22/13  | I-30.40-01.....6/10/13  | I-60.10-01.....6/10/13  |
| I-30.16-00.....3/22/13  | I-30.60-00.....5/29/13  | I-60.20-01.....6/10/13  |
| I-30.17-00.....3/22/13  | I-40.10-00.....9/20/07  | I-80.10-01.....8/11/09  |
| J-3.....8/1/97          | J-26.15-01.....5/17/12  | J-40.40-00.....5/20/13  |
| J-3b.....3/4/05         | J-26.20-00.....6/11/14  |                         |
| J-3c.....6/24/02        | J-27.10-00.....3/15/12  | J-50.10-00.....6/3/11   |
| J-10.....7/18/97        | J-27.15-00.....3/15/12  | J-50.11-00.....6/3/11   |
| J-10.10-02.....6/11/14  | J-28.10-01.....5/11/11  | J-50.12-00.....6/3/11   |
| J-10.15-01.....6/11/14  | J-28.22-00.....8/07/07  | J-50.15-00.....6/3/11   |
| J-10.22-00.....5/29/13  | J-28.24-00.....8/07/07  | J-50.16-01.....3/22/13  |
| J-15.10-01.....6/11/14  | J-28.26-01.....12/02/08 | J-50.20-00.....6/3/11   |
| J-15.15-01.....6/11/14  | J-28.30-03.....6/11/14  | J-50.25-00.....6/3/11   |
|                         | J-28.40-02.....6/11/14  | J-50.30-00.....6/3/11   |
|                         | J-28.42-01.....6/11/14  | J-60.05-00.....6/16/11  |
|                         | J-28.43-00.....6/11/14  |                         |
|                         | J-28.45-02.....6/11/14  | J-60.11-00.....5/20/13  |
| J-20.10-03.....6/30/14  | J-28.50-02.....6/2/11   | J-60.12-00.....5/20/13  |
| J-20.11-02.....6/30/14  | J-28.60-01.....6/2/11   | J-60.13-00.....6/16/10  |
| J-20.15-03.....6/30/14  | J-28.70-01.....5/11/11  | J-60.14-00.....6/16/10  |
| J-20.16-02.....6/30/14  | J-29.10-00.....6/27/11  | J-75.10-01.....5/11/11  |
| J-20.20-02.....5/20/13  | J-29.15-00.....6/27/11  | J-75.20-00.....2/10/09  |
| J-20.26-01.....7/12/12  | J-29.16-01.....6/20/13  | J-75.30-01.....5/11/11  |
| J-21.10-04.....6/30/14  | J-40.10-03.....5/20/13  | J-75.40-01.....6/11/14  |
|                         |                         | J-75.41-00.....6/11/14  |
| J-21.15-01.....6/10/13  | J-40.20-02.....6/11/14  | J-75.45-01.....6/11/14  |
| J-21.16-01.....6/10/13  | J-40.30-03.....5/20/13  | J-90.10-01.....6/27/11  |

|                        |                         |                        |
|------------------------|-------------------------|------------------------|
| J-21.17-01.....6/10/13 | J-40.35-01.....5/29/13  | J-90.20-01.....6/27/11 |
| J-21.20-01.....6/10/13 | J-40.36-01.....5/20/13  | J-90.21-00.....6/30/14 |
| J-22.15-01.....6/10/13 | J-40.37-01.....5/20/13  |                        |
| J-22.16-02.....6/10/13 | J-40.38-01.....5/20/13  |                        |
| J-26.10-02.....3/15/12 | J-40.39-00.....5/20/13  |                        |
| K-70.20-00.....2/15/07 | K-80.20-00.....12/20/06 | K-80.35-00.....2/21/07 |
| K-80.10-00.....2/21/07 | K-80.30-00.....2/21/07  | K-80.37-00.....2/21/07 |
| L-10.10-02.....6/21/12 | L-40.10-02.....6/21/12  | L-70.10-01.....5/21/08 |
| L-20.10-02.....6/21/12 | L-40.15-01.....6/16/11  | L-70.20-01.....5/21/08 |
| L-30.10-02.....6/11/14 | L-40.20-02.....6/21/12  |                        |
| M-1.20-03.....6/24/14  | M-9.60-00.....2/10/09   | M-40.10-03.....6/24/14 |
| M-1.40-02.....6/3/11   | M-11.10-01.....1/30/07  | M-40.20-00...10/12/07  |
| M-1.60-02.....6/3/11   | M-15.10-01.....2/6/07   | M-40.30-00.....9/20/07 |
| M-1.80-03.....6/3/11   | M-17.10-02.....7/3/08   | M-40.40-00.....9/20/07 |
| M-2.20-02.....6/3/11   | M-20.10-02.....6/3/11   | M-40.50-00.....9/20/07 |
| M-3.10-03.....6/3/11   | M-20.20-01.....1/30/07  | M-40.60-00.....9/20/07 |
| M-3.20-02.....6/3/11   | M-20.30-02.....10/14/09 | M-60.10-01.....6/3/11  |
| M-3.30-03.....6/3/11   | M-20.40-03.....6/24/14  | M-60.20-02.....6/27/11 |
| M-3.40-03.....6/3/11   | M-20.50-02.....6/3/11   | M-65.10-02.....5/11/11 |
| M-3.50-02.....6/3/11   | M-24.20-01.....5/31/06  | M-80.10-01.....6/3/11  |
| M-5.10-02.....6/3/11   | M-24.40-01.....5/31/06  | M-80.20-00.....6/10/08 |
| M-7.50-01.....1/30/07  | M-24.50-00.....6/16/11  | M-80.30-00.....6/10/08 |
| M-9.50-02.....6/24/14  | M-24.60-04.....6/24/14  |                        |

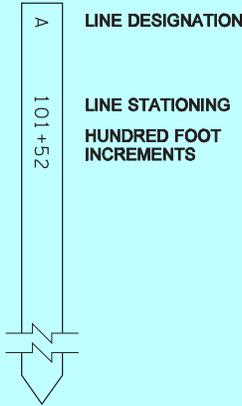
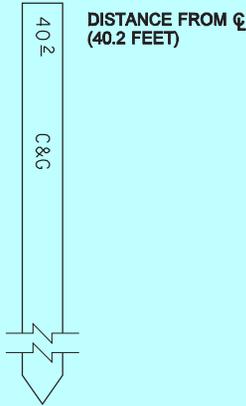


# APPENDIX A

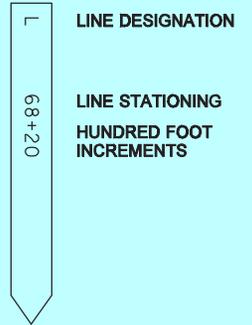
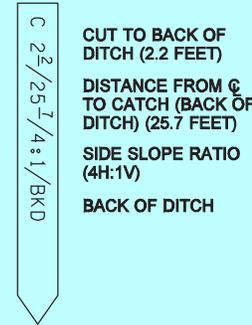




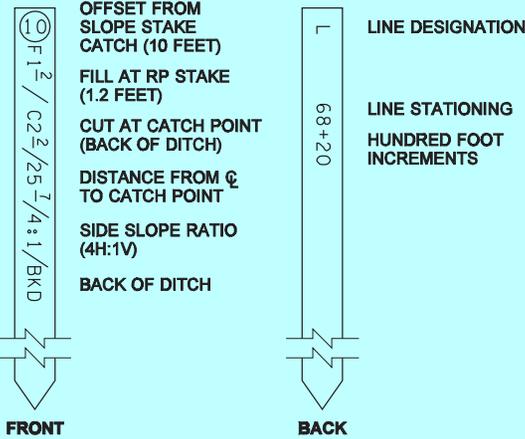
**ALIGNMENT STAKE**  
STAKE EVERY 100 FEET ON TANGENTS,  
EVERY 25 FEET ON CURVES



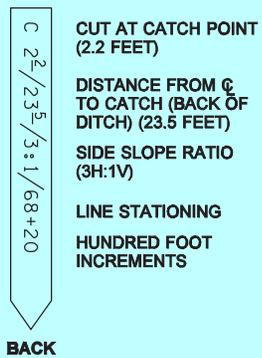
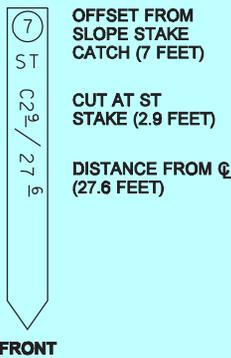
**CLEARING/GRUBBING (C&G) LATH**  
STAKE AT EACH FULL STATION,  
100 FEET ON TANGENTS,  
EVERY 25 FEET ON CURVES.  
NO HUB NECESSARY.



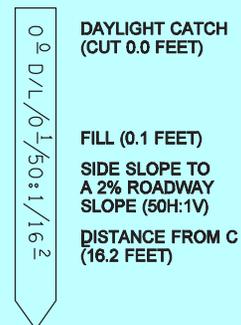
**SLOPE STAKE**



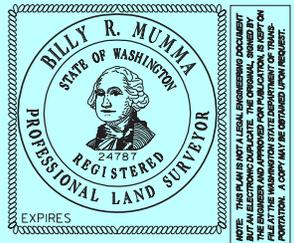
**LATH FOR SLOPE REFERENCES**



**SLOPE TREATMENT (ST) STAKE  
FOR CUT SECTIONS**



**DAYLIGHT (D/L) STAKE**



**SURVEY STAKES**

**STANDARD PLAN A-10.10-00**

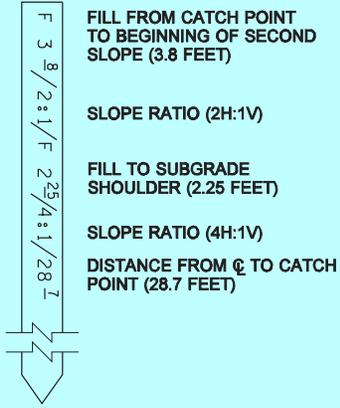
SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

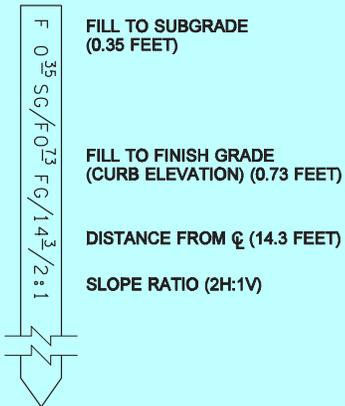
**Pasco Bakotich III** 08-07-07

STATE DESIGN ENGINEER DATE

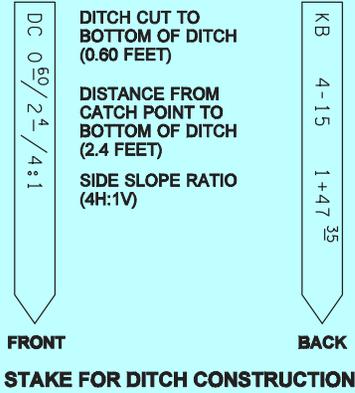




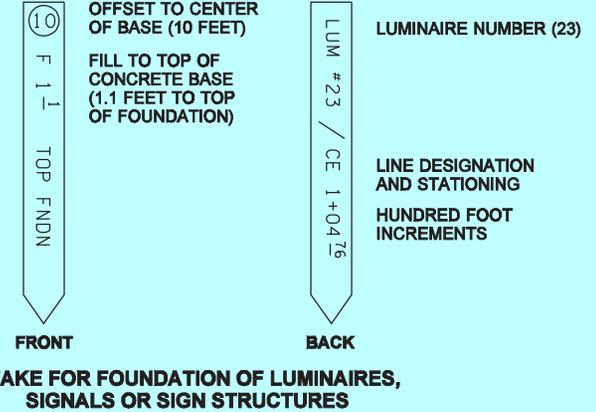
**COMPOUND SLOPE LATH**



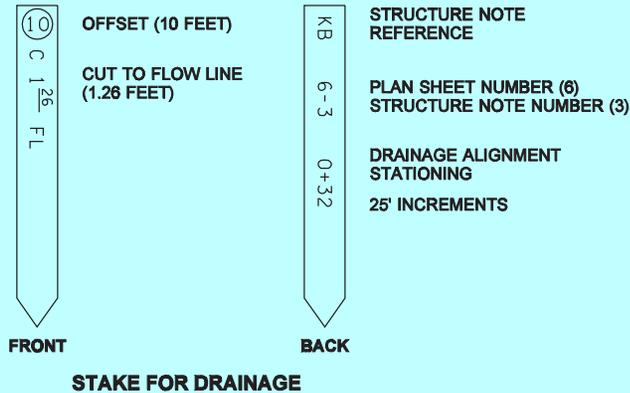
**SLOPE LATH FOR CURB SECTION**



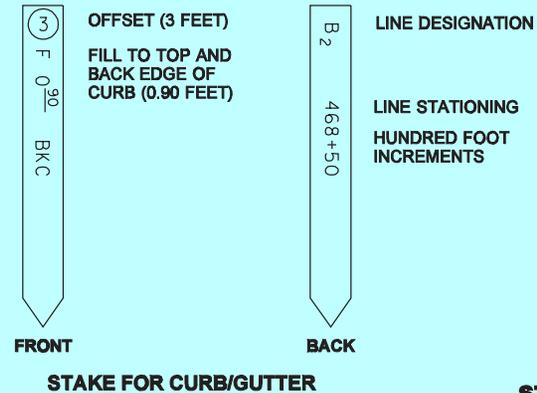
**STAKE FOR DITCH CONSTRUCTION**



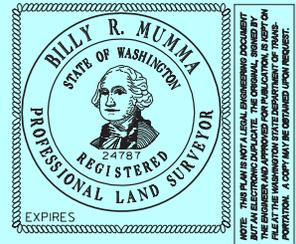
**STAKE FOR FOUNDATION OF LUMINAIRES, SIGNALS OR SIGN STRUCTURES**



**STAKE FOR DRAINAGE**



**STAKE FOR CURB/GUTTER**



**SURVEY STAKES**

**STANDARD PLAN A-10.10-00**

SHEET 2 OF 2 SHEETS

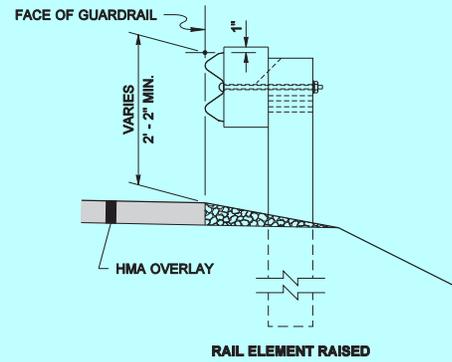
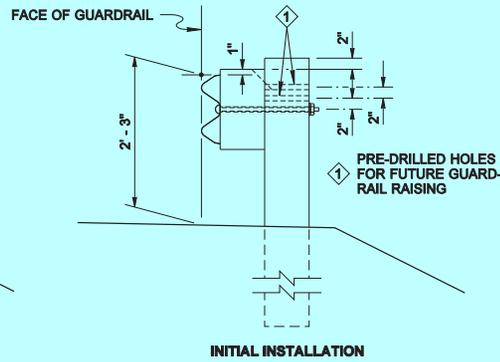
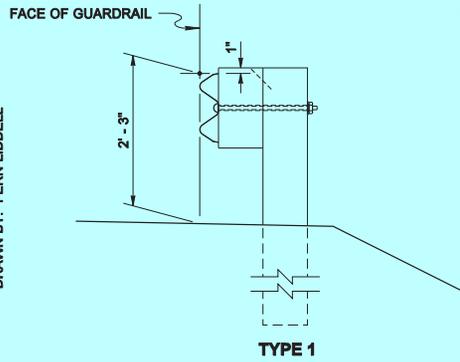
APPROVED FOR PUBLICATION

**Pasco Bakotich III** 08-07-07

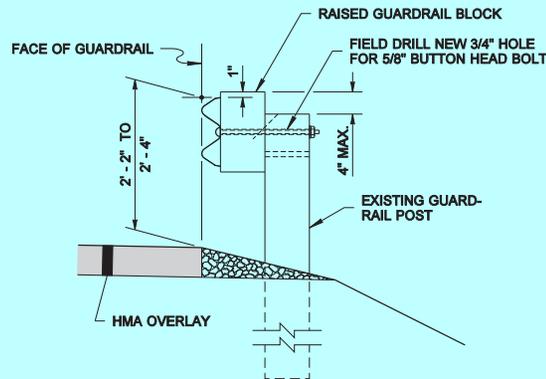
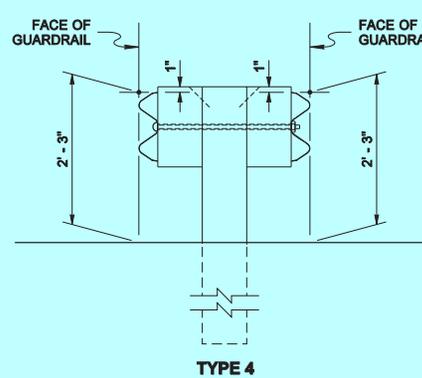
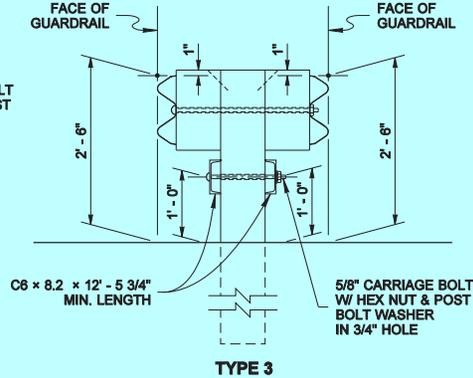
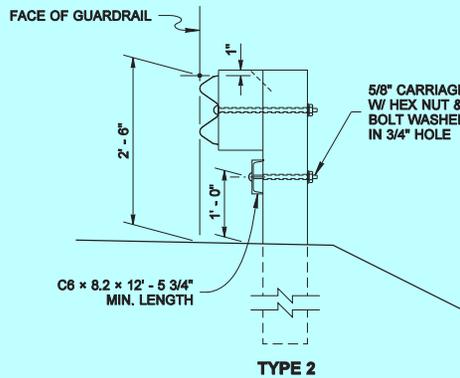
STATE DESIGN ENGINEER DATE



DRAWN BY: FERN LIDDELL



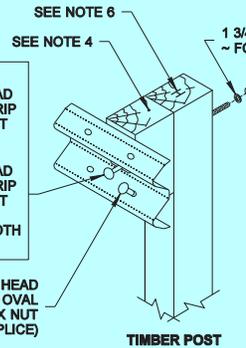
**TYPE 1 ALTERNATIVE**



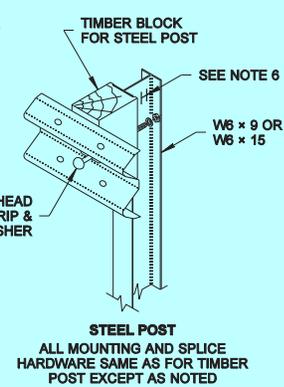
**TYPES 1 & 2**  
5/8" x 18" BUTTON HEAD BOLT W/ 7/32" OVAL GRIP & RECESSED HEX NUT

**TYPES 3 & 4**  
5/8" x 25" BUTTON HEAD BOLT W/ 7/32" OVAL GRIP & RECESSED HEX NUT OR 5/8" ROD THREADED BOTH ENDS W/ HEX NUTS

5/8" x 1 1/4" BUTTON HEAD SPLICE BOLT W/ 7/32" OVAL GRIP & RECESSED HEX NUT (EIGHT REQUIRED PER SPLICE)



**TYPES 1 & 2**  
5/8" x 10" BUTTON HEAD BOLT W/ 7/32" OVAL GRIP & HEX NUT W/ CUT WASHER



**ASSEMBLY DETAIL**

**NOTES**

- When required by the Contract, a Snow Load Post Washer shall be used on the backside of the post (in lieu of the 1 3/4" Post Bolt Washer) and a Snow Load Rail Washer shall be placed on the face side of Beam Guardrail Types 1 and 2. Snow Load Rail Washers shall not be installed on terminals.
- Rail Washers, also called "Snow Load Rail Washers" are not required on new installation except as called for in Note 1. Unnecessary Rail washers need not be removed from existing installations, except those on posts 2 through 8 of a BCT installation shall be removed.
- Beam Guardrail post spacing for Types 1 through 4 shall be 6' - 3" on centers.
- Timber blocks shall be toe-nailed to the post with a 16d galvanized nail to prevent block rotation.
- For post and block details, see Standard Plan C-1b.
- When "Beam Guardrail Type - \_\_\_ Ft. Long Post" is specified in the Contract, the post length shall be stamped with numbers, 1 1/2" min. high and 3/4" wide at the location where the letter "H" is shown in the ASSEMBLY DETAIL. For wood post applications, the letter shall be stamped to a minimum depth of 1/4". For steel post applications, the letter shall be legible after the post is galvanized. After post installation, it shall be the Contractor's responsibility to ensure that the stamped numbers remain visible.
- Existing posts shall not be raised. Replace posts as necessary to achieve required guardrail height.



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT. IT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER. A COPY MAY BE OBTAINED UPON REQUEST.

**BEAM GUARDRAIL  
TYPES 1 ~ 4  
(W-BEAM)  
STANDARD PLAN C-1**

SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

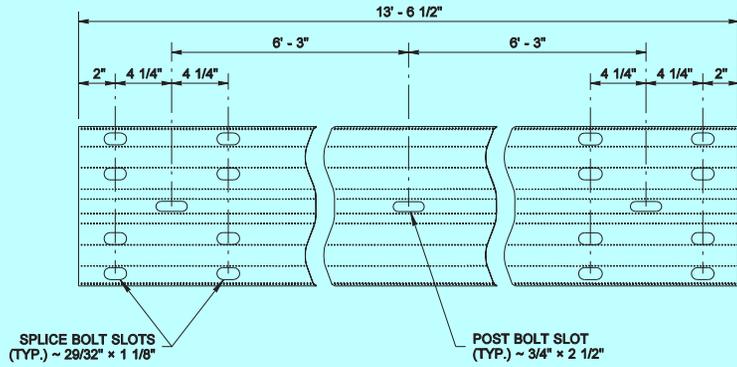
**Pasco Bakotich III** 06-16-11

STATE DESIGN ENGINEER DATE

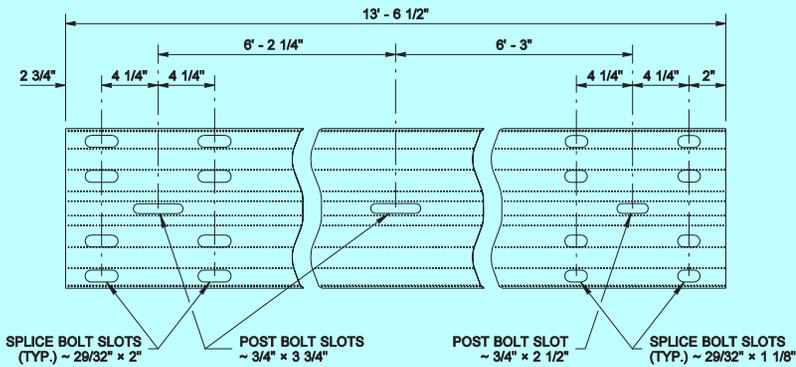


Washington State Department of Transportation

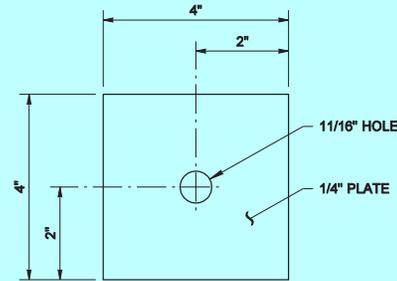
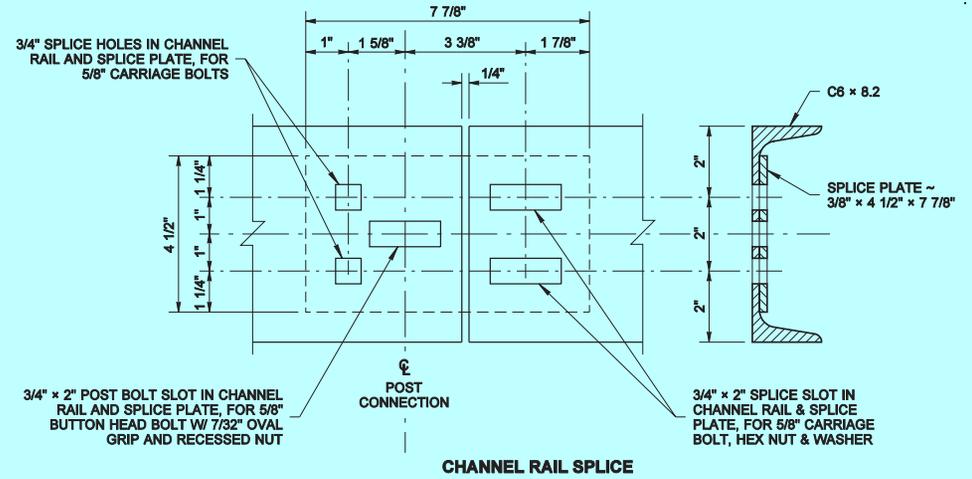
DRAWN BY: FEERN LIDDELL



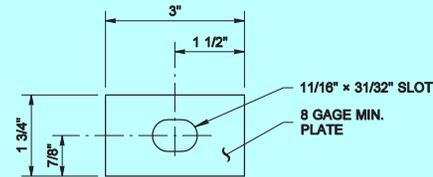
TYPICAL RAIL ELEMENT



EXPANSION SECTION



SNOW LOAD POST WASHER  
SEE NOTE 1



SNOW LOAD RAIL WASHER  
SEE NOTES 1 & 2



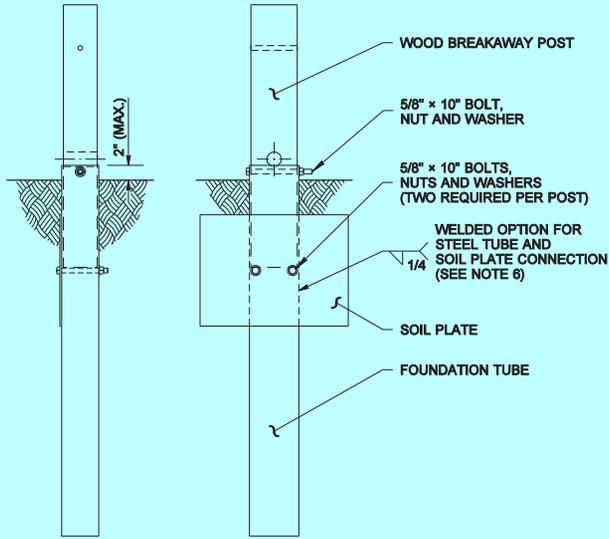
NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNTIL AN ELECTRONIC SIGNATURE. THE ORIGINAL, SIGNED BY YOU, FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**BEAM GUARDRAIL  
TYPES 1 ~ 4  
(W-BEAM)  
STANDARD PLAN C-1**

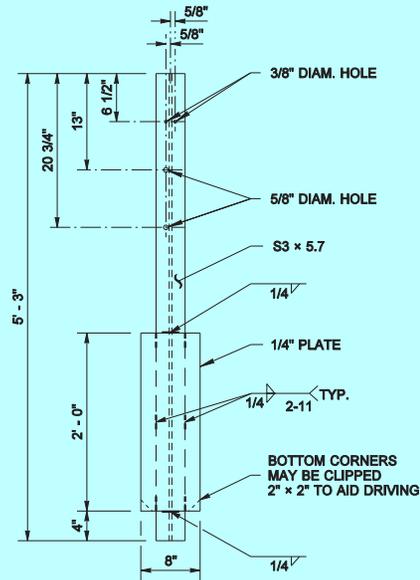
SHEET 2 OF 2 SHEETS  
APPROVED FOR PUBLICATION

**Pasco Bakotich III** 06-16-11

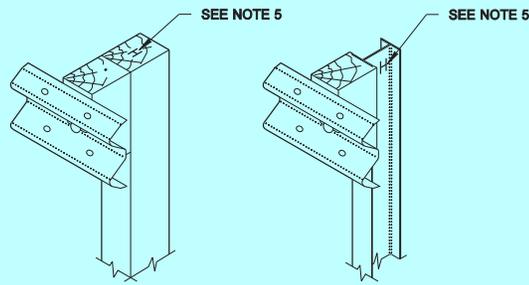
STATE DESIGN ENGINEER DATE  
Washington State Department of Transportation



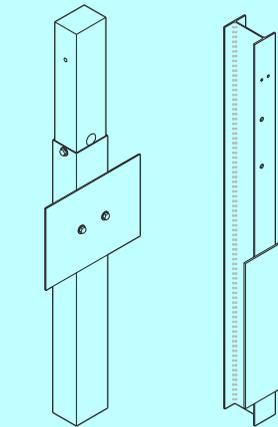
FRONT VIEW  
SIDE VIEW  
ANCHOR POST ASSEMBLY



G-2 POST



TIMBER POST  
STEEL POST  
PARTIAL ASSEMBLY DETAIL



ANCHOR POST  
G-2 POST  
ISOMETRIC

**NOTES**

1. Wood posts for all guardrail placement plans shall be 6 x 8 except where noted otherwise.
2. Lower hole is for Rub Rail of Type 2 and Type 3 Beam Guardrail.
3. W6x9 steel posts and timber blocks are alternates for 6 x 8 timber posts and blocks. W6x15 steel posts and timber blocks are alternates for 10 x 10 timber posts and blocks.
4. Holes shall be located on approaching traffic side of web.
5. When "Beam Guardrail Type - \_\_ Ft. Long Post" is specified in the Contract, the post length shall be stamped with numbers, 1 1/2" min. high and 3/4" wide at the location where the letter "H" is shown in the ASSEMBLY DETAIL. For wood post applications, the letter shall be stamped to a minimum depth of 1/4". For steel post applications, the letter shall be legible after the post is galvanized. After post installation, it shall be the Contractor's responsibility to ensure that the stamped numbers remain visible.
6. Soil plate may be welded to foundation tube. If so, holes in soil plate and foundation tube may be omitted.



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNTIL IT IS ELECTRONICALLY SIGNED BY AN ELECTRONIC SIGNATURE. THE ORIGINAL, SIGNED PDF FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

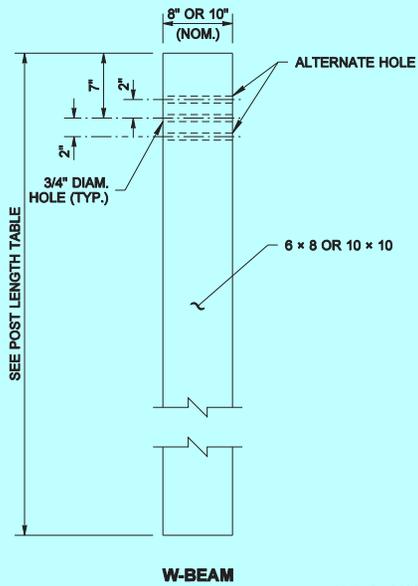
**BEAM GUARDRAIL  
POSTS AND BLOCKS  
STANDARD PLAN C-1b**

SHEETS 1 OF 2 SHEETS  
APPROVED FOR PUBLICATION

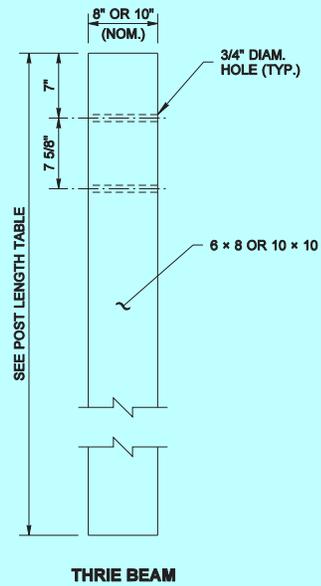
**Pasco Bakotich III** 06-16-11  
STATE DESIGN ENGINEER DATE



DRAWN BY: FERN LIDDELL

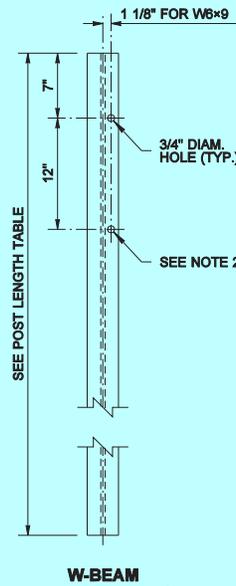


W-BEAM

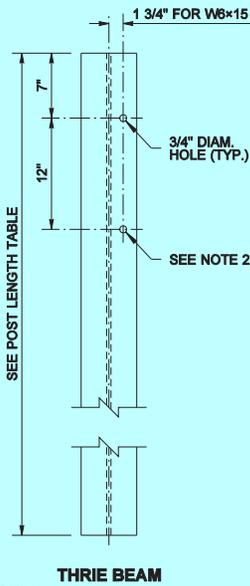


THRIE BEAM

**WOOD POST**

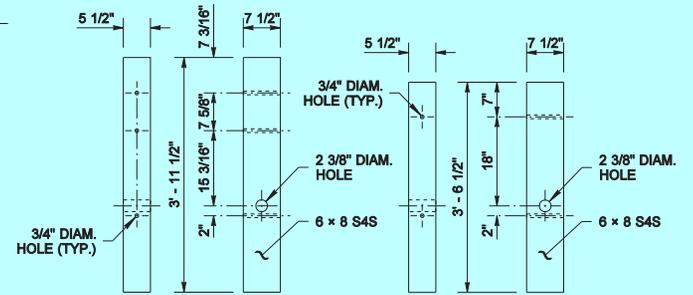


W-BEAM

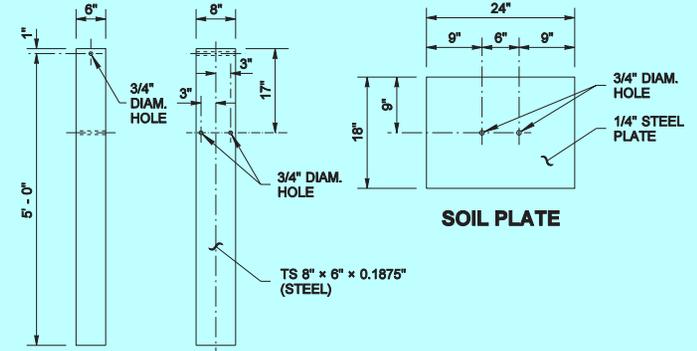


THRIE BEAM

**STEEL POST**  
SEE NOTES 3 AND 4



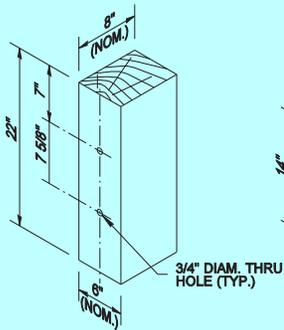
**THRIE BEAM WOOD BREAKAWAY POST**  
**W-BEAM WOOD BREAKAWAY POST**



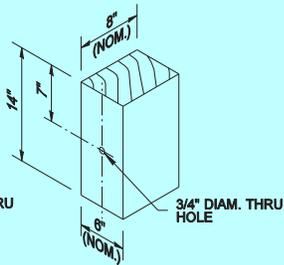
**SOIL PLATE**

**FOUNDATION TUBE**

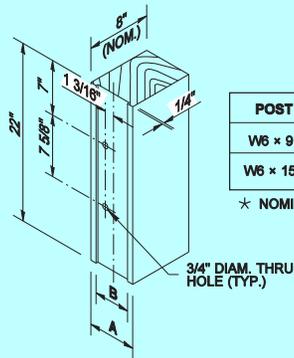
| POST LENGTH TABLE |         |
|-------------------|---------|
| GUARDRAIL TYPE    | LENGTH  |
| 1 through 4 & 31  | 6' - 0" |
| 10 or 11          | 6' - 6" |



**THRIE BEAM WOOD BLOCK FOR WOOD POST**



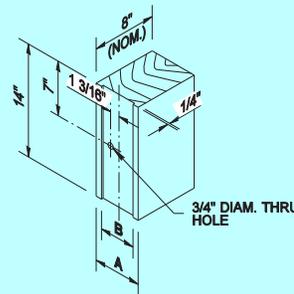
**W-BEAM WOOD BLOCK FOR WOOD POSTS**



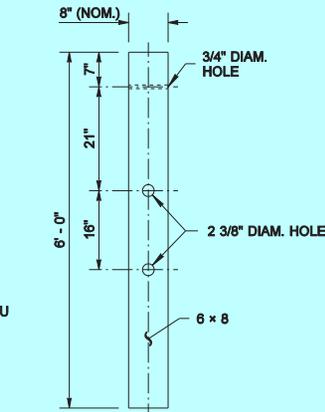
**THRIE BEAM WOOD BLOCK FOR STEEL POST**

| POST    | A   | B      |
|---------|-----|--------|
| W6 x 9  | 6"* | 4 1/4" |
| W6 x 15 | 8"* | 6 1/4" |

\* NOMINAL (NOM.)



**W-BEAM WOOD BLOCK FOR STEEL POST**



**CONTROLLED RELEASING TERMINAL (CRT) POST**



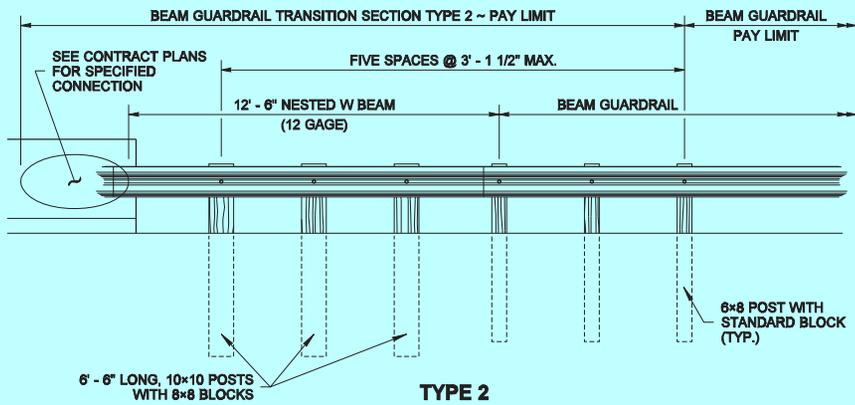
NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNTIL AN ELECTRONIC SIGNATURE. THE ORIGINAL, SIGNED PDF FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**BEAM GUARDRAIL POSTS AND BLOCKS**  
**STANDARD PLAN C-1b**

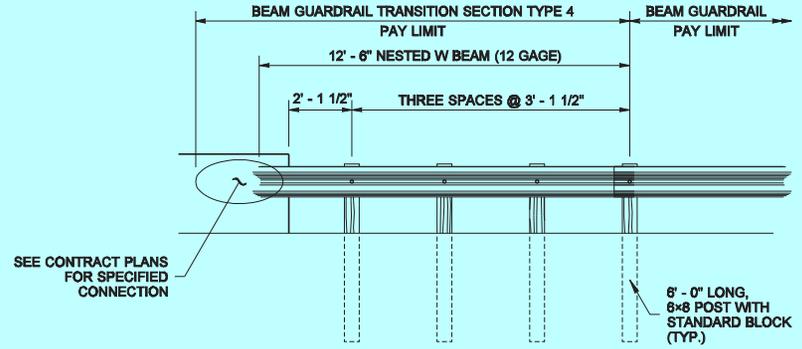
SHEETS 2 OF 2 SHEETS  
APPROVED FOR PUBLICATION

**Pasco Bakotich III** 06-16-11  
STATE DESIGN ENGINEER DATE

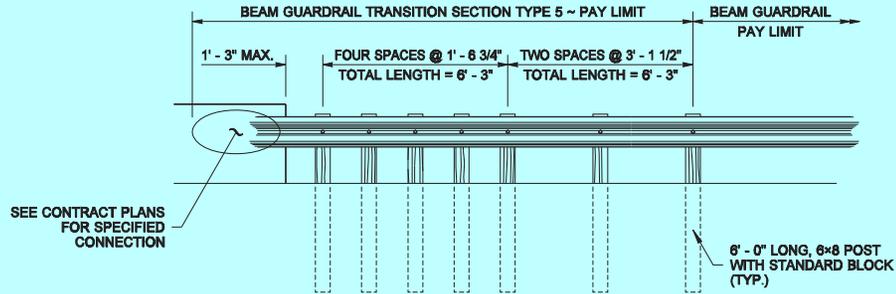




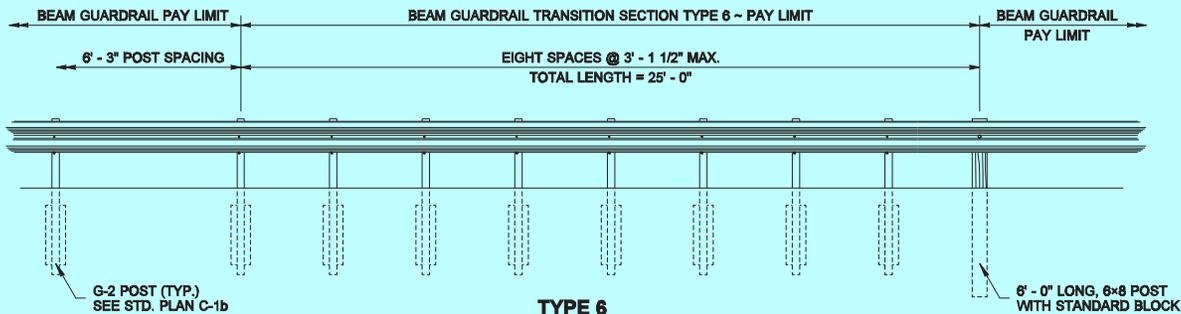
**TYPE 2**



**TYPE 4**  
FOR 45 MPH AND BELOW



**TYPE 5**



**TYPE 6**



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT. ANY AND ALL ELECTRONIC REPRODUCTIONS OF THIS DOCUMENT SHALL BE CONSIDERED UNLAWFUL. ANY REPRODUCTION OF THIS DOCUMENT WITHOUT THE WRITTEN PERMISSION OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**BEAM GUARDRAIL  
TRANSITION SECTIONS  
STANDARD PLAN C-3a**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

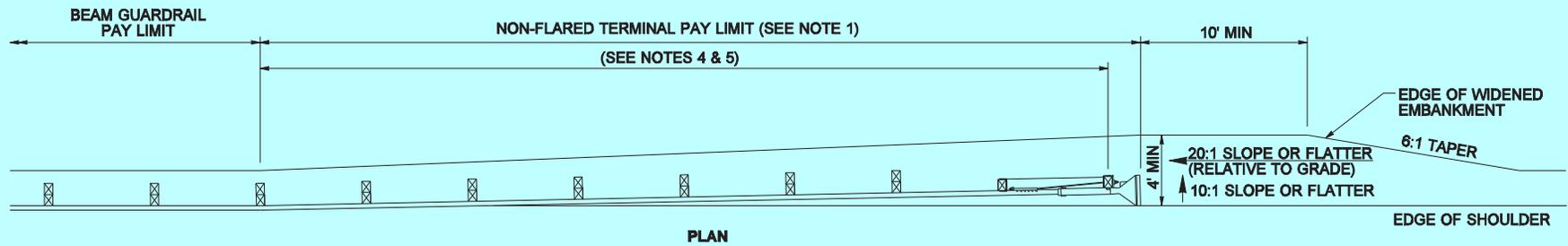
**Harold J. Peterfeso** 10-04-05

STATE DESIGN ENGINEER DATE

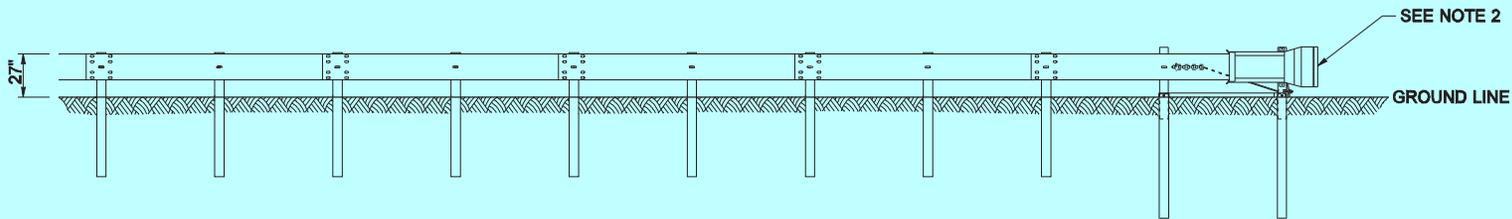


**NOTES**

1. An ET-PLUS (TL3) as manufactured by Trinity Industries, Inc. or an SKT-350 as manufactured by Road Systems Inc. shall be installed according to manufacturer's recommendations. When a TL2 terminal is specified in the contract an ET-PLUS (TL2) as manufactured by Trinity Industries, Inc., or an SKT-TL2 as manufactured by Road Systems, Inc. shall be installed according to manufacturer's recommendations.
2. A reflectorized object marker shall be installed according to manufacturer's recommendations.
3. When snow load post washers and snow load rail washers are required by the contract, the snow load rail washers must not be installed within the terminal limits.
4. Terminal shall be installed at a taper, ensuring that end piece is entirely off shoulder.
5. Length for ET-PLUS (TL3) and SKT-350 is 50'. Length for ET-PLUS (TL2) and SKT-TL2 is 25'.



**PLAN**



**ELEVATION**



EXPIRES JULY 24, 2004

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT. ANY AND ALL ELECTRICAL SYMBOLS OR NOTATIONS USED IN THIS PLAN SHALL BE IN ACCORDANCE WITH THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**BEAM GUARDRAIL  
NON-FLARED TERMINAL  
STANDARD PLAN C-4e**

SHEET 1 OF 1 SHEET

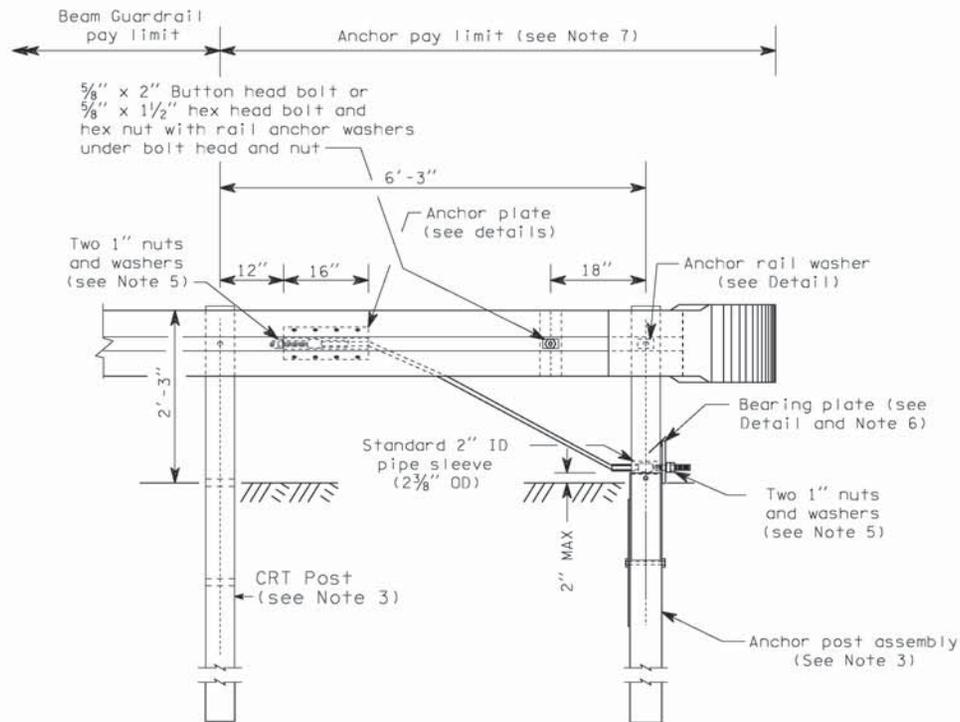
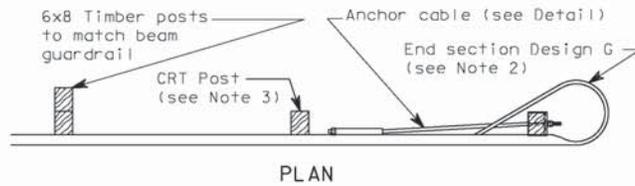
APPROVED FOR PUBLICATION

**Harold J. Peterfeso** 02-20-03

STATE DESIGN ENGINEER DATE



|         |                                    |    |
|---------|------------------------------------|----|
| 01/2003 | REVISED NOTES 1 & 5; ADDED SLOPES. | RG |
| DATE    | REVISION                           | BY |



TYPE 1 ANCHOR

NOTES

1. Anchor plate may be constructed from 1/4" plates welded to equal strength and dimensions as shown.
2. For end section details see Standard Plan "Beam Guardrail End Sections".
3. For post details, see Standard Plan "Beam Guardrail Posts and Blocks".
4. Eight 5/8" x 1/2" machine bolts with hex nut and washer. Place washer on face side of rail.
5. Outside nut shall be torqued against inside nut a minimum of 100 ft-lbs.
6. Toenail bearing plate with 10d nail at corners to prevent turning.
7. Anchor pay limit does not apply when anchor is included in a Beam Guardrail Terminal.

BEAM GUARDRAIL ANCHOR  
TYPE 1

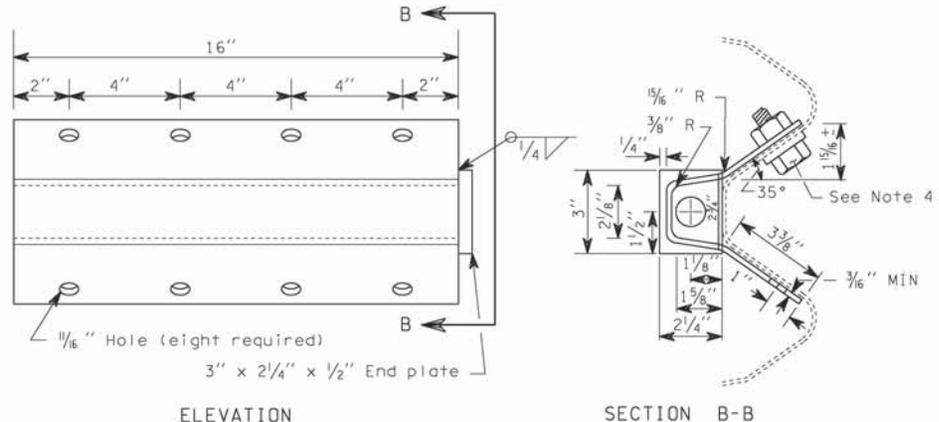


EXPIRES MAY 3, 1998

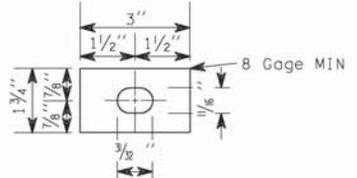
THIS SEAL IS VALID ONLY WHEN THE ENGINEER'S NAME AND LICENSE NUMBER ARE CORRECTLY REPRODUCED. IT IS THE ENGINEER'S RESPONSIBILITY TO MAINTAIN THE SEAL IN FULL COMPLIANCE WITH THE REQUIREMENTS OF THE PROFESSIONAL ENGINEER ACT. A COPY MAY BE OBTAINED UPON REQUEST.

STANDARD PLAN C-6

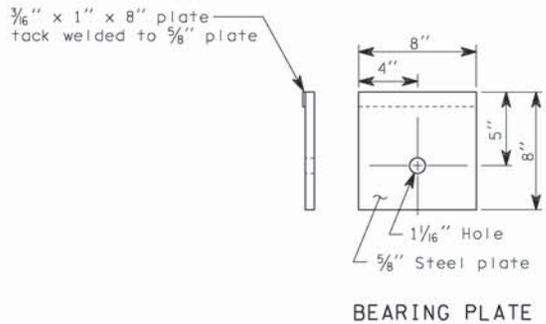
|  |                         |
|--|-------------------------|
| APPROVED FOR PUBLICATION   |                         |
| <b>Donald K. Nelson</b><br>STATE DESIGN ENGINEER                     | <b>05/30/97</b><br>DATE |
| WASHINGTON STATE DEPARTMENT OF TRANSPORTATION<br>OLYMPIA, WASHINGTON |                         |
| Sheet 1 of 2 Sheets  |                         |



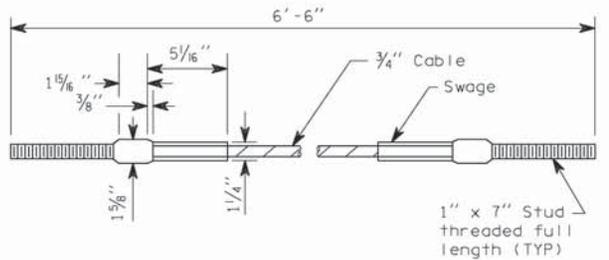
ELEVATION  
SECTION B-B  
ANCHOR PLATE  
(See Note 1)



ANCHOR RAIL WASHER



BEARING PLATE



ANCHOR CABLE

BEAM GUARDRAIL ANCHOR  
TYPE 1



EXPIRES MAY 3, 1998

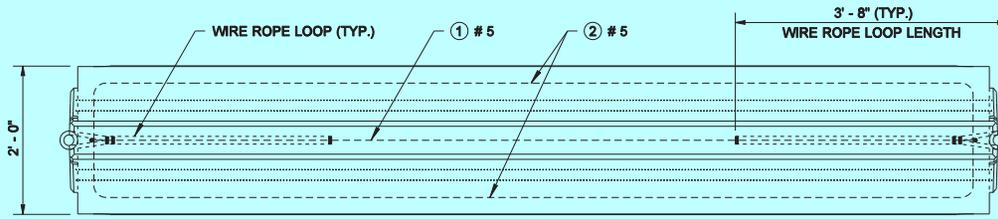
STANDARD PLAN C-6

APPROVED FOR PUBLICATION

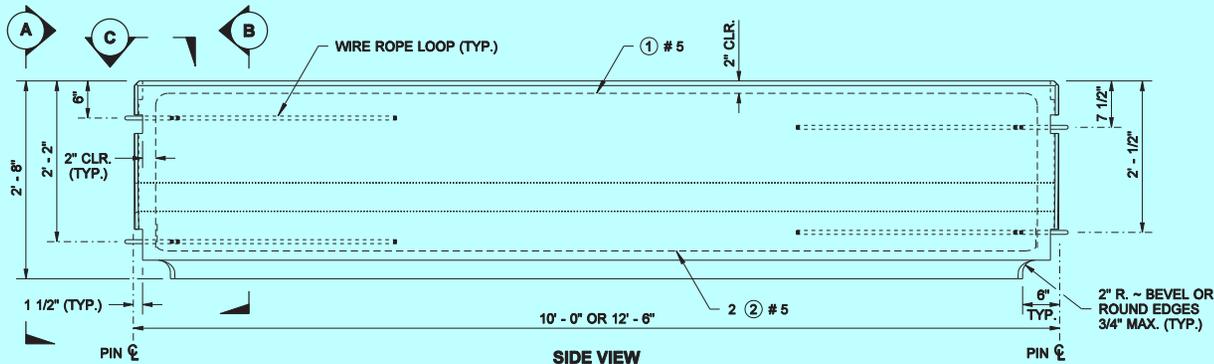
**Donald K. Nelson** 05/30/97  
STATE DESIGN ENGINEER DATE

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
OLYMPIA, WASHINGTON

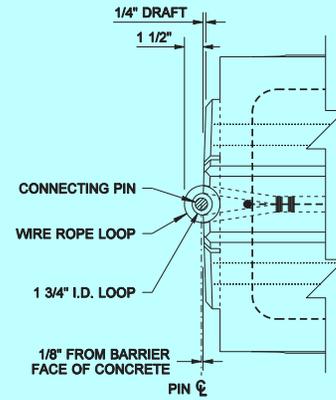
Sheet 2 of 2 Sheets



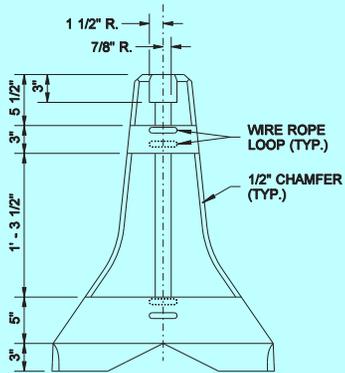
TOP VIEW



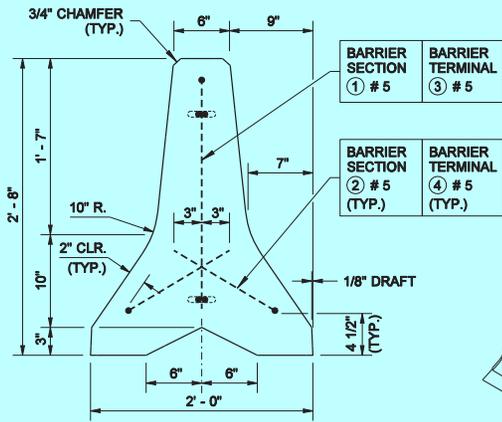
SIDE VIEW  
BARRIER SECTION



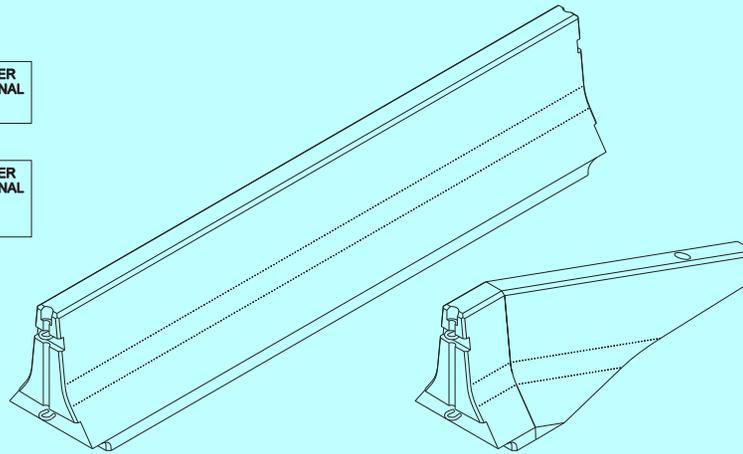
DETAIL C



SEE NOTE 2  
END VIEW A



SECTION B



BARRIER SECTION

BARRIER TERMINAL

ISOMETRIC VIEWS

NOTES

- Wire rope loops shall be 3' - 8" long, except for the top loop of the Barrier Terminal, which shall be 2' - 0" long.
- Except for the locations of the wire rope loops, the dimensions shown in END VIEW "A" are typical for both ends of a Barrier Section or opposing ends of Barrier Terminals.
- Connecting and Drift Pin head designs vary among different manufacturers. Pin designs that are shaped differently than those shown in the detail are acceptable, if the bearing surface is within the minimum and maximum widths specified.
- The vertical spacing of the Wire Rope Loops in a Barrier Terminal is determined by the end of the Barrier Segment to which it is being connected. See BARRIER CONNECTION DETAIL (Sheet 2).



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNLESS IT IS ELECTRONICALLY SIGNED BY AN ELECTRONIC SIGNATURE. THE ORIGINAL, SIGNED BY YOU, FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**CONCRETE BARRIER  
TYPE 2  
STANDARD PLAN C-8**

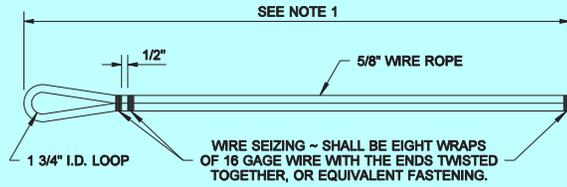
SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

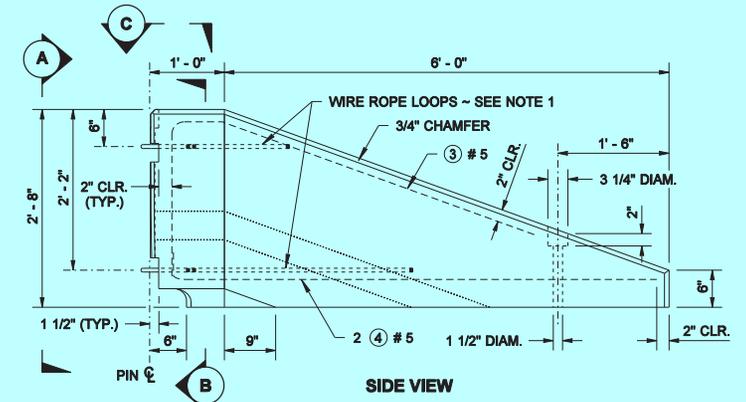
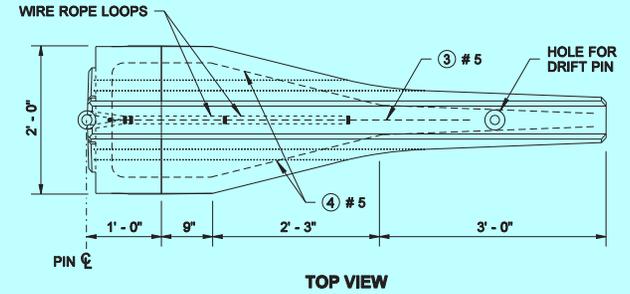
**Pasco Bakotich III** 02-10-09

STATE DESIGN ENGINEER DATE

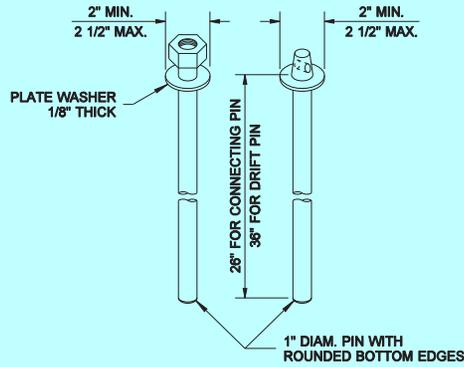




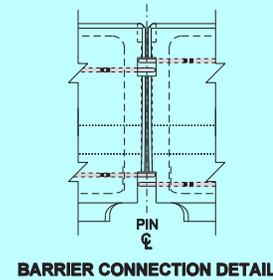
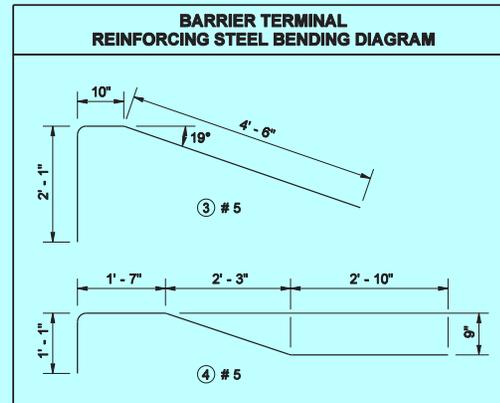
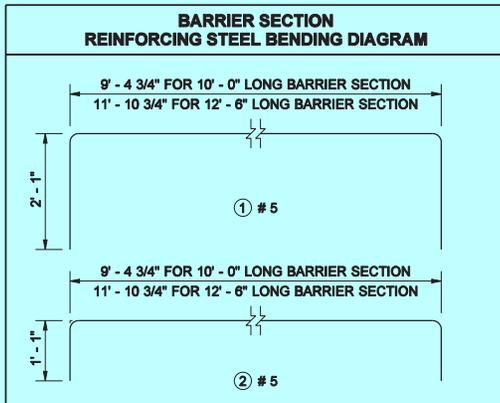
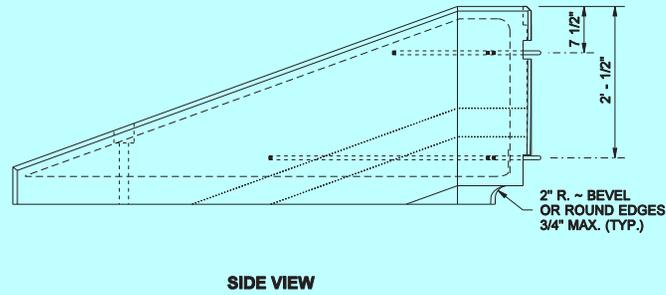
**WIRE ROPE LOOP DETAIL**



**SEE NOTE 4  
BARRIER TERMINAL**



**SEE NOTE 3  
CONNECTING PINS  
AND DRIFT PINS**



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNLESS IT IS SIGNED AND SEALED BY AN ELECTRONIC SIGNATURE. THE ORIGINAL, SIGNED BY YOU, MUST BE FILED AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**CONCRETE BARRIER  
TYPE 2  
STANDARD PLAN C-8**

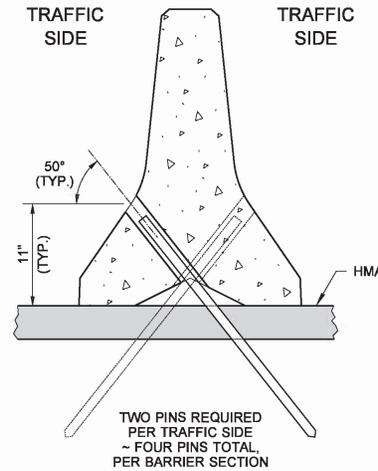
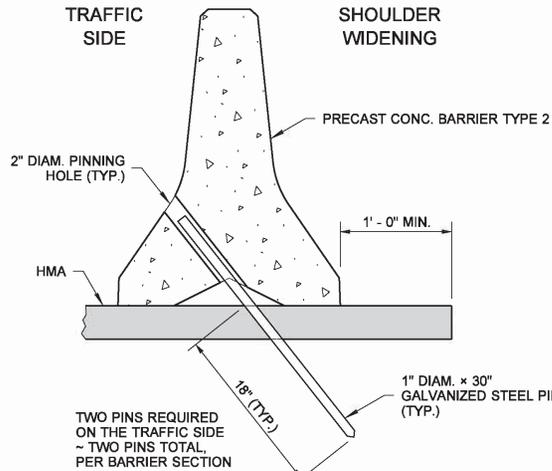
SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION

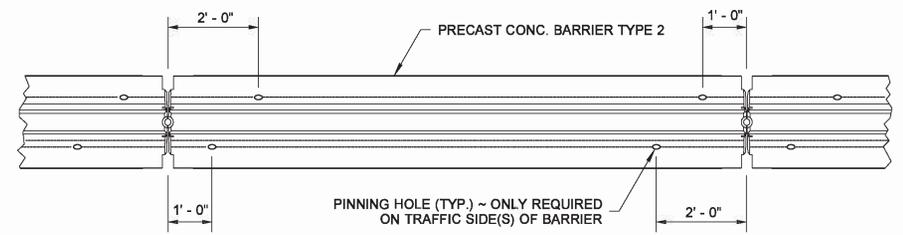
**Pasco Bakotich III** 02-10-09

STATE DESIGN ENGINEER DATE

Washington State Department of Transportation



SECTION VIEWS  
TYPE 3 ANCHOR  
PIN LOCATIONS



PLAN VIEW  
TYPE 3 ANCHOR  
PIN LOCATIONS

**NOTES**

1. The intended use of this plan is for the permanent anchoring of Precast Concrete Barrier Type 2 (see Standard Plan C-8) on hot mix asphalt pavement.
2. Remove the Type 3 Anchors by first driving the steel pins down through the barrier further into the pavement to allow lifting the barrier without interference, then remove the pins from the pavement.
3. After removing the Type 3 Anchors, clean the pin holes and fill them with sealant according to Standard Specification 9-04.2.



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNTIL IT IS APPROVED BY THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**PRECAST CONC. BARRIER  
ANCHOR ~ TYPE 3  
(PERMANENT)  
STANDARD PLAN C-8e**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

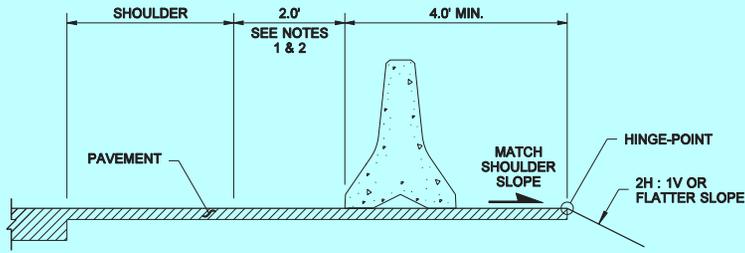
**Ken L. Smith** 02-21-07

STATE DESIGN ENGINEER DATE

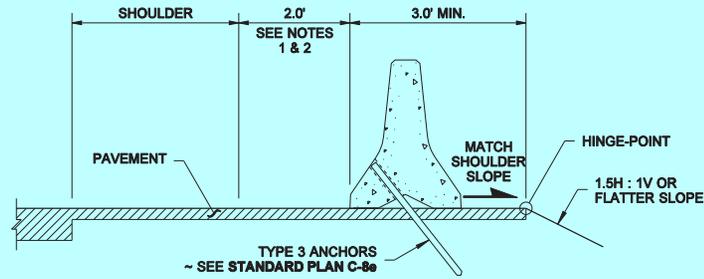
|         |                           |     |
|---------|---------------------------|-----|
| 02/2007 | REMOVED TEMPORARY ANCHORS | MAS |
| DATE    | REVISION                  | BY  |



DRAWN BY: LISA CYFORD



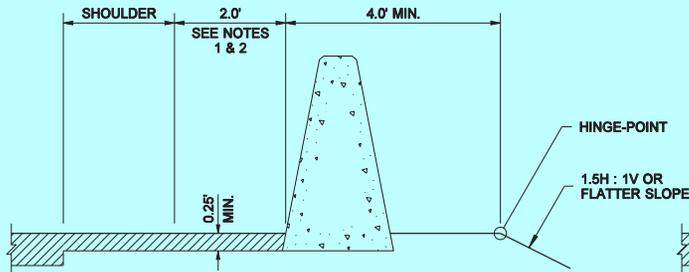
PRECAST CONC. BARRIER TYPE 2



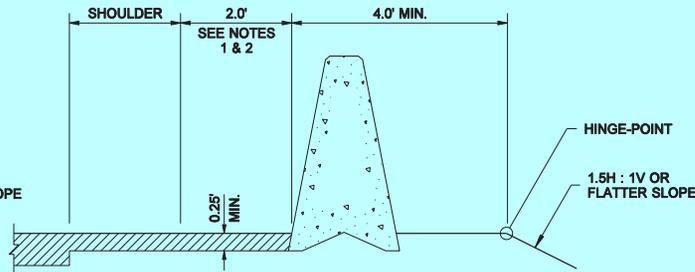
ANCHORED PRECAST CONC. BARRIER TYPE 2

**NOTES**

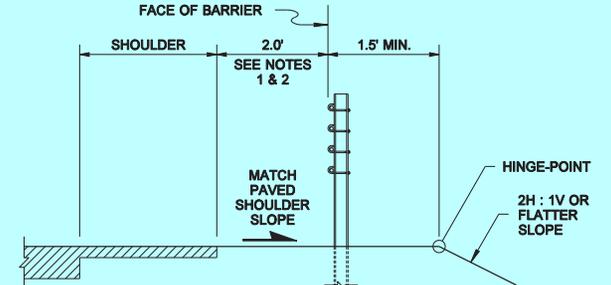
1. An additional width for shy distance is required when the existing roadway is to be widened.
2. The additional width for shy distance may be less than 2.0' when it, combined with the existing shoulder width, totals 8.0' or more.
3. For W-Beam Type 31 shoulder application, see Standard Plan C-28.40.



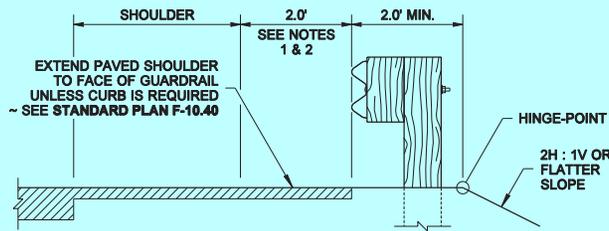
SINGLE SLOPE CONC. BARRIER CAST-IN-PLACE



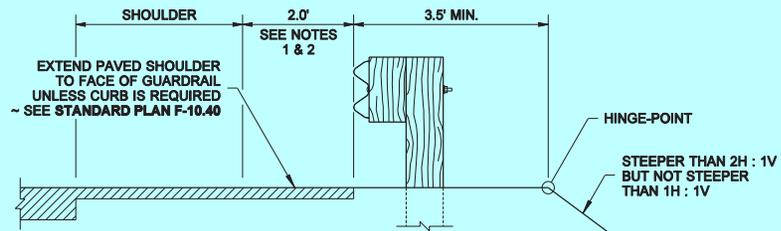
SINGLE SLOPE CONC. BARRIER PRECAST



CABLE BARRIER



BEAM GUARDRAIL TYPE 1 (SEE NOTE 3)



BEAM GUARDRAIL TYPE 1 ON STEEP SLOPES (SEE NOTE 3)



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNLESS IT IS SIGNED AND SEALED BY AN ELECTRONIC SIGNATURE. THE ORIGINAL, SIGNED BY YOU, FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**TRAFFIC BARRIER SHOULDER WIDENING ~ FOR SHOULDERS LESS THAN 8.0' WIDE**  
**STANDARD PLAN C-16b**

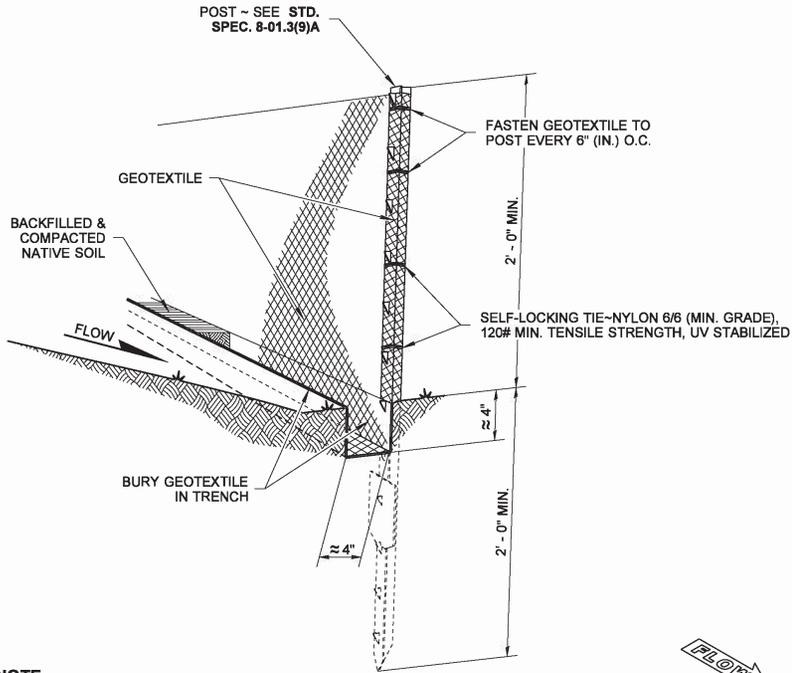
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

**Pasco Bakotich III** 06-03-10

STATE DESIGN ENGINEER DATE

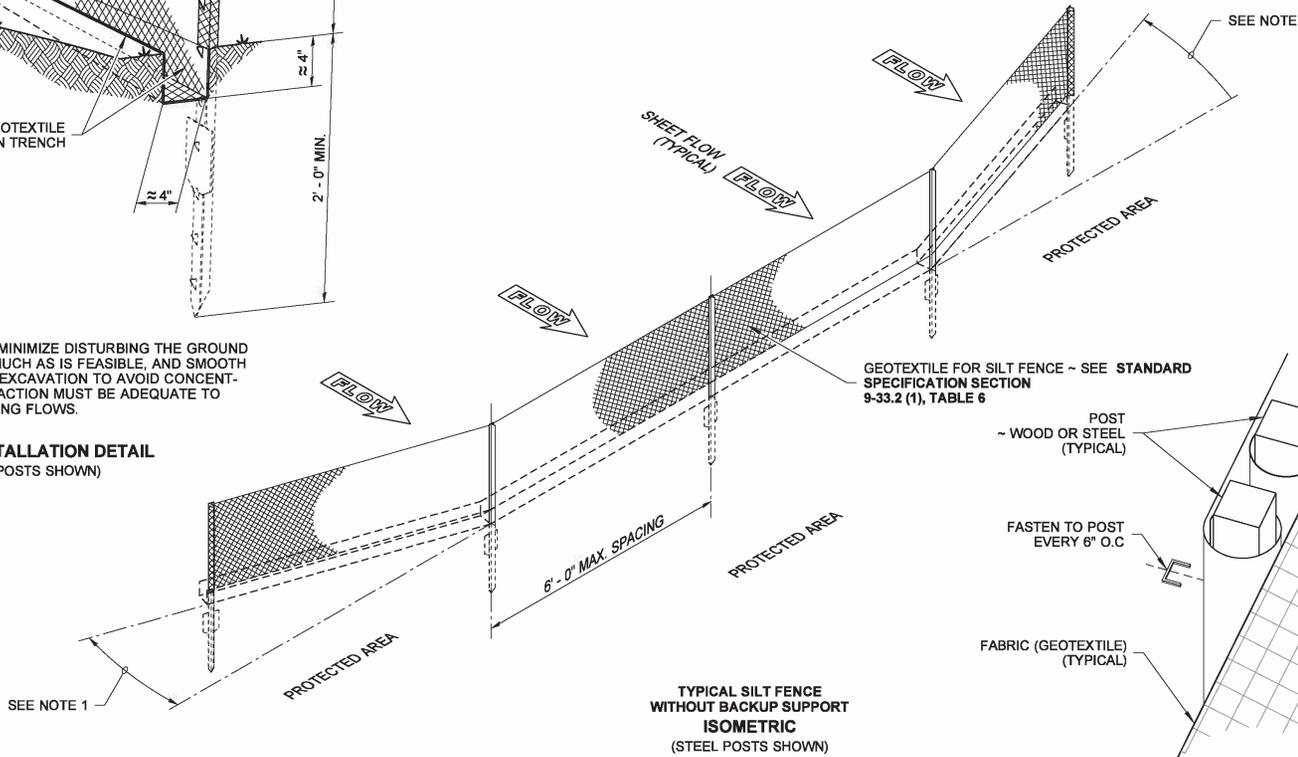




**NOTE**

DURING EXCAVATION, MINIMIZE DISTURBING THE GROUND AROUND TRENCH AS MUCH AS IS FEASIBLE, AND SMOOTH SURFACE FOLLOWING EXCAVATION TO AVOID CONCENTRATING FLOWS. COMPACTION MUST BE ADEQUATE TO PREVENT UNDERCUTTING FLOWS.

**TYPICAL INSTALLATION DETAIL**  
(STEEL POSTS SHOWN)



**TYPICAL SILT FENCE WITHOUT BACKUP SUPPORT ISOMETRIC**  
(STEEL POSTS SHOWN)

SPliced FENCE SECTIONS SHALL BE CLOSE ENOUGH TOGETHER TO PREVENT SILT LADEN WATER FROM ESCAPING THROUGH THE FENCE AT THE OVERLAP.

**SPlice DETAIL**  
(WOOD POSTS SHOWN)

**NOTES**

1. Install the ends of the 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(15)**.
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.

STATE OF WASHINGTON  
REGISTERED  
LANDSCAPE ARCHITECT

SANDRA L. SALISBURY  
CERTIFICATE NO. 000860

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

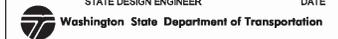
**SILT FENCE**  
**STANDARD PLAN I-30.15-02**

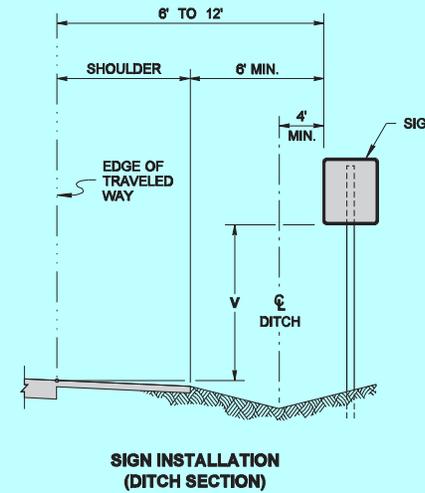
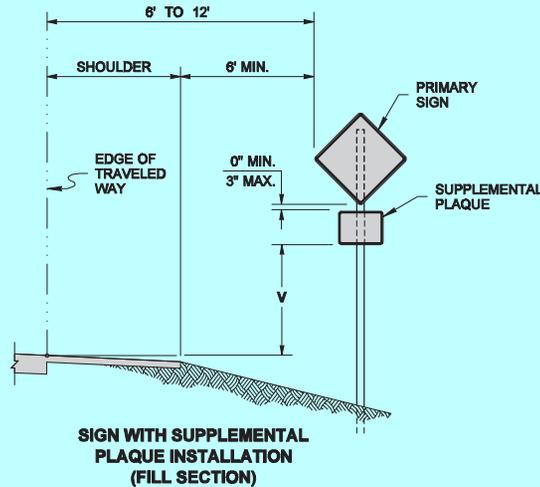
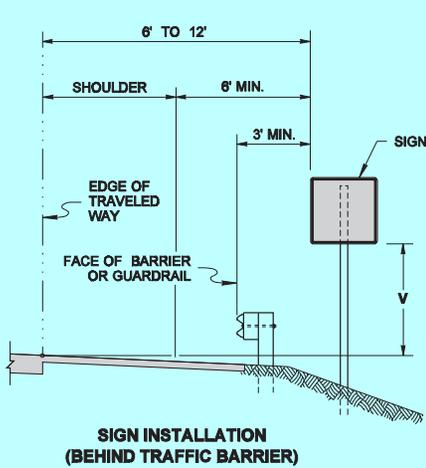
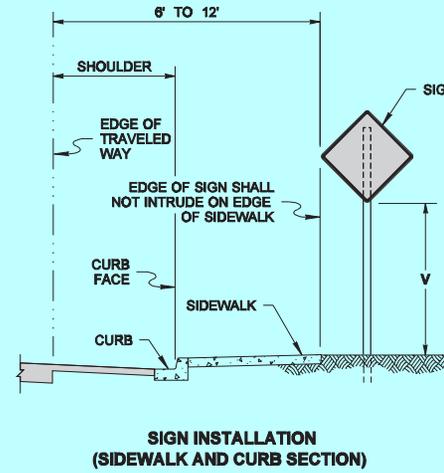
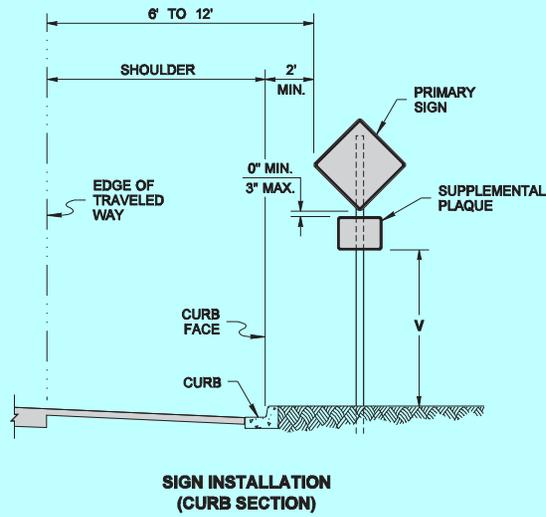
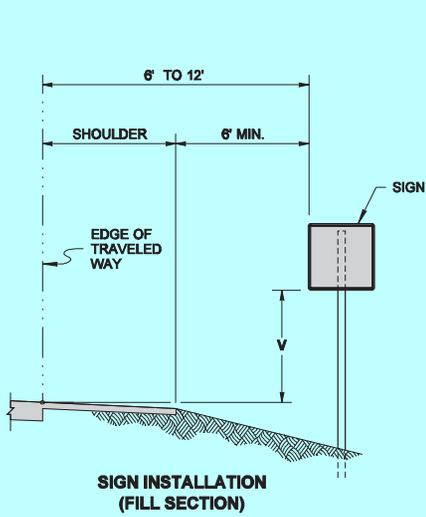
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

**Pasco Bakotich III** 3/22/13

STATE DESIGN ENGINEER DATE





**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.

| HEIGHT V |   |   |
|----------|---|---|
|          | TO BOTTOM OF SIGN<br>(NO SUPPLEMENTAL PLAQUE) | TO BOTTOM OF SUPPLEMENTAL PLAQUE<br>(WHEN REQUIRED) |
| RURAL    | 5' MINIMUM                                    | 4' MINIMUM  |
| URBAN    | 7' MINIMUM                                    | 6' MINIMUM  |



EXPIRES AUGUST 9, 2007

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNLESS IT IS SIGNED AND SEALED BY AN ELECTRICALLY LICENSED ENGINEER AND FILED AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**CLASS A  
CONSTRUCTION SIGNING  
INSTALLATION  
STANDARD PLAN K-80.10-00**

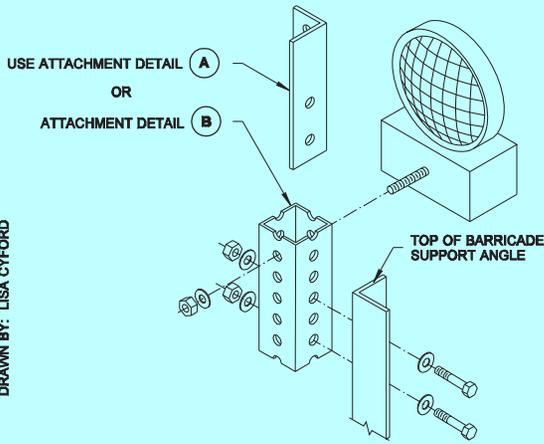
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

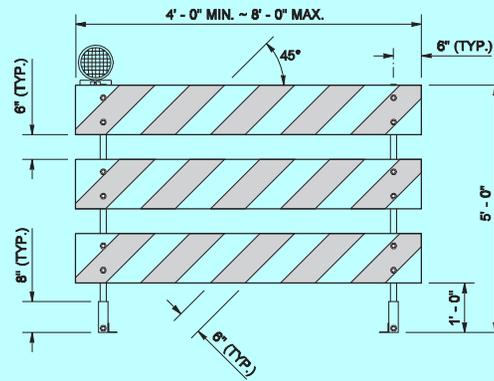
**Ken L. Smith** 02-21-07  
STATE DESIGN ENGINEER DATE



DRAWN BY: LISA CYFORD

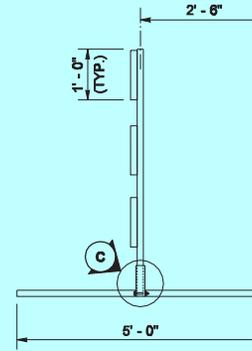


**WARNING LIGHT ATTACHMENT DETAIL**



**ELEVATION**

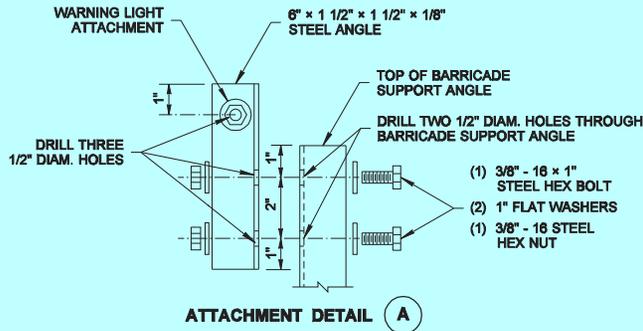
**TYPE 3 BARRICADE**



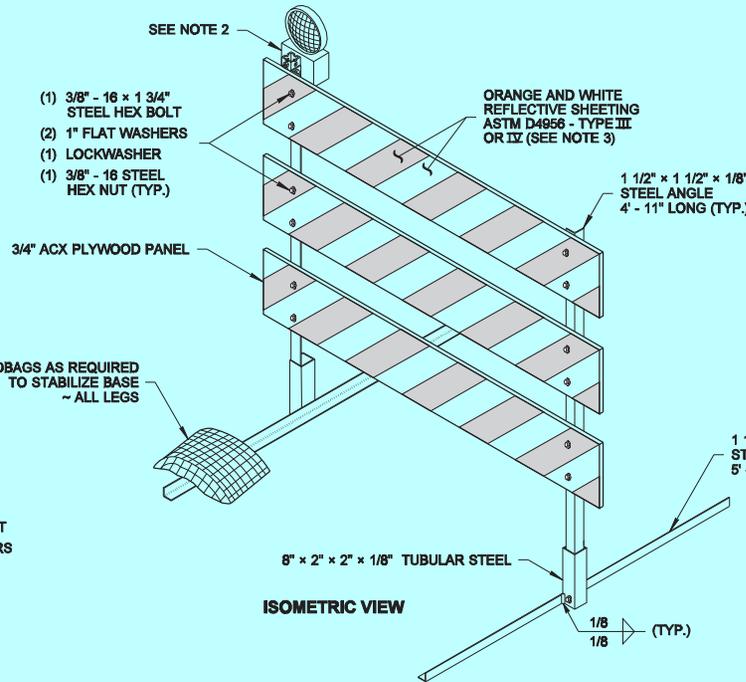
**SIDE**

**NOTES**

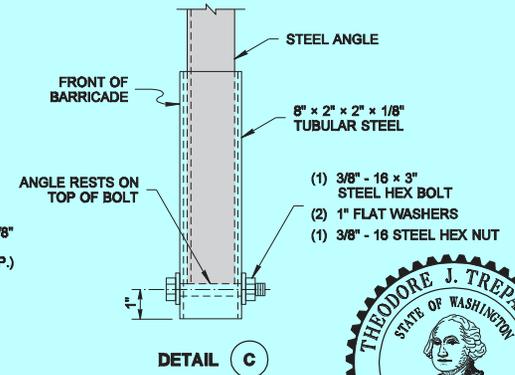
- All fasteners may be zinc plated, galvanized or stainless steel. All steel angle and tubular steel shall be hot-rolled, high carbon steel, painted or galvanized.
- Install one lightweight Type A Low-Intensity flashing warning light on the traffic side of the barricade. Install two Type A Low-Intensity 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.
- Stripes on barricade rails shall be alternating orange and white retroreflective stripes (sloping downward at an angle of 45 degrees in the direction traffic is to pass).
- 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.
- 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.
- When sandbags are used in freezing weather, Urea fertilizer shall be mixed with the sand in a quantity to prevent the sand from freezing.



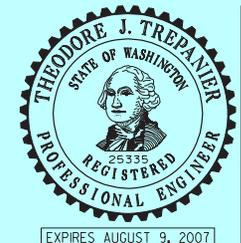
**ATTACHMENT DETAIL A**



**ISOMETRIC VIEW**



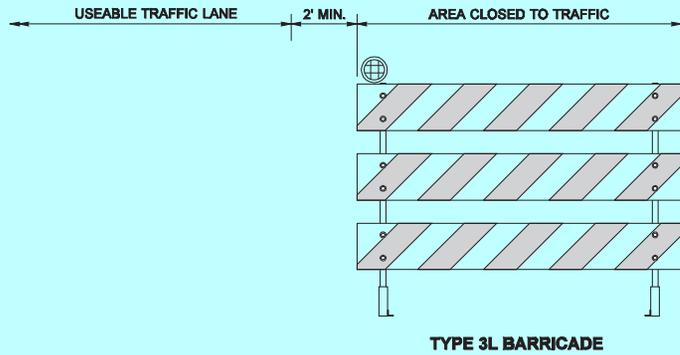
**DETAIL C**



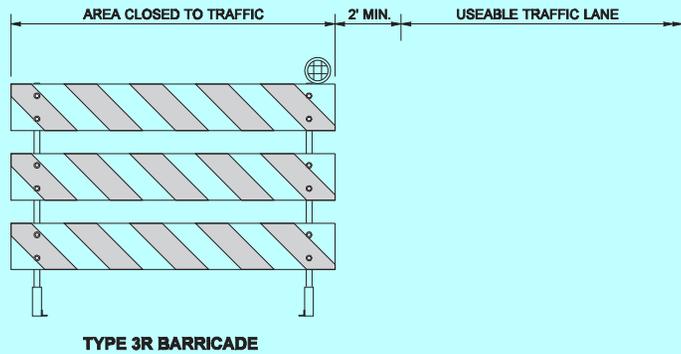
NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNLESS IT IS APPROVED AND SIGNED BY AN AUTHORIZED ENGINEER. THE ORIGINAL SHOULD BE FILED AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**TYPE 3 BARRICADE**  
**STANDARD PLAN K-80.20-00**  
SHEET 1 OF 2 SHEETS  
APPROVED FOR PUBLICATION  
**Kevin J. Dayton** 12-20-06  
STATE DESIGN ENGINEER DATE  
Washington State Department of Transportation

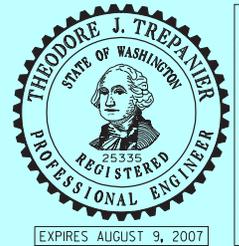
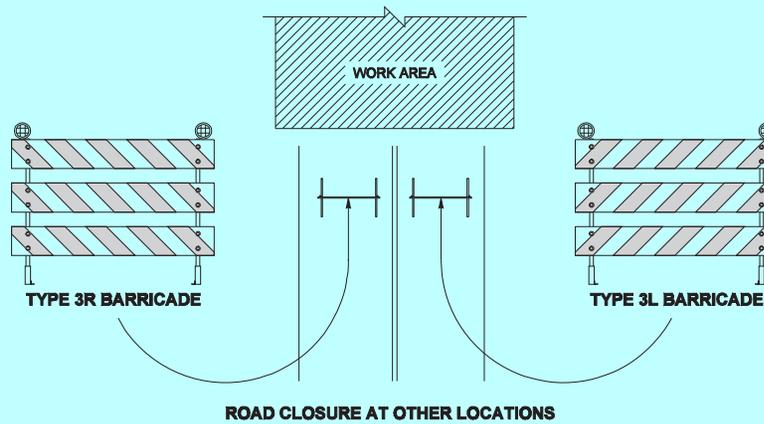
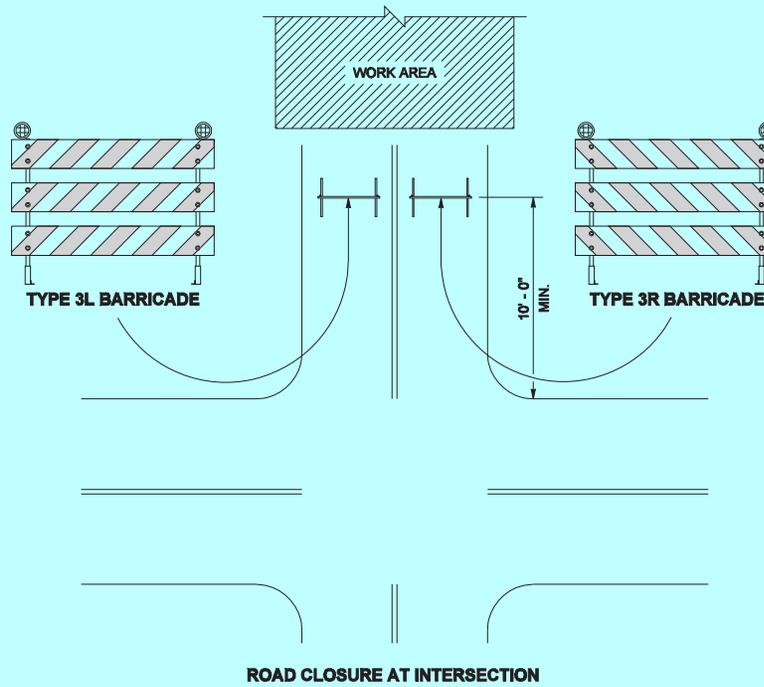
DRAWN BY: LISA CYFORD



STRIPES ON THE BARRICADES SHALL SLOPE DOWNWARD IN THE DIRECTION TRAFFIC IS TO PASS



**BARRICADE PLACEMENT**



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNLESS IT IS ELECTRONICALLY SIGNED BY THE ORIGINAL DESIGNER OR FILED AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**TYPE 3 BARRICADE**  
**STANDARD PLAN K-80.20-00**

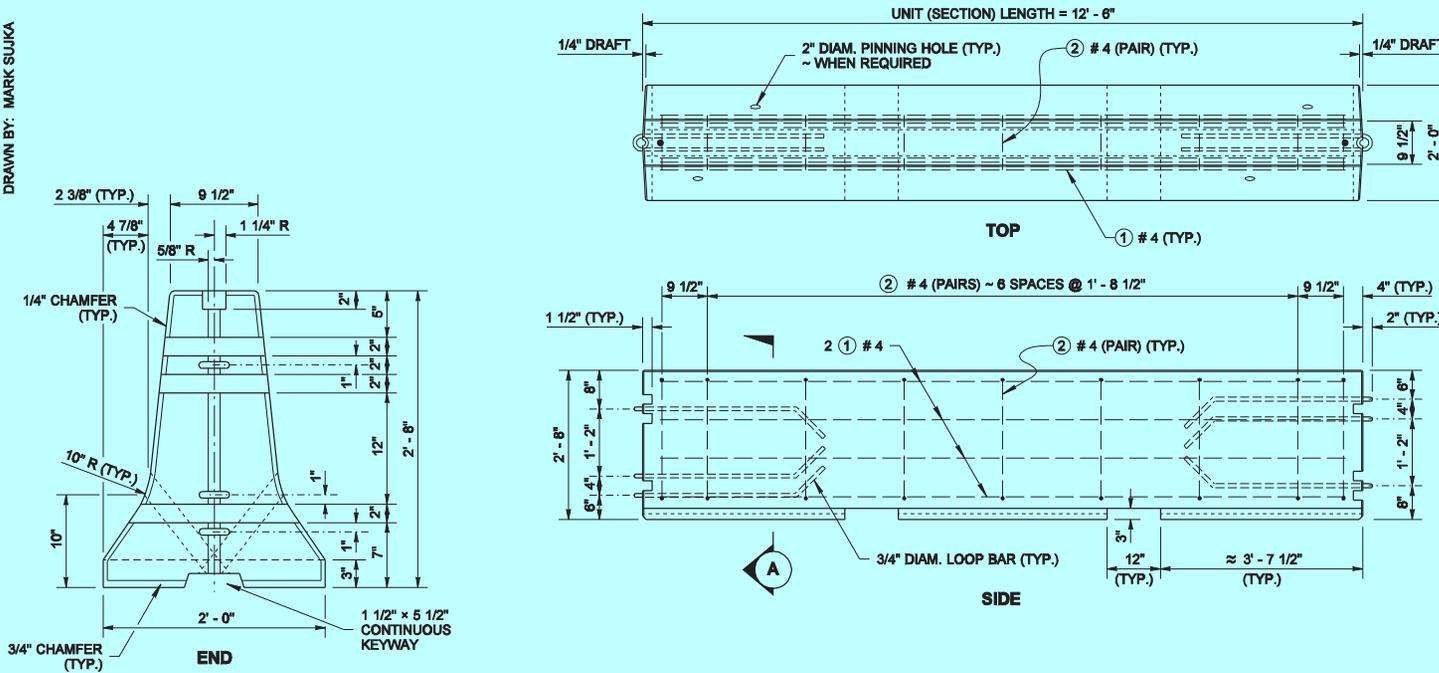
SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION

**Kevin J. Dayton** 12-20-06

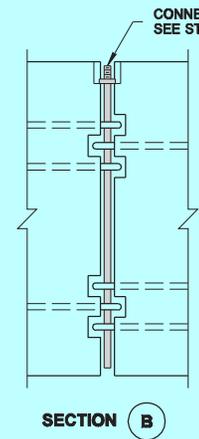
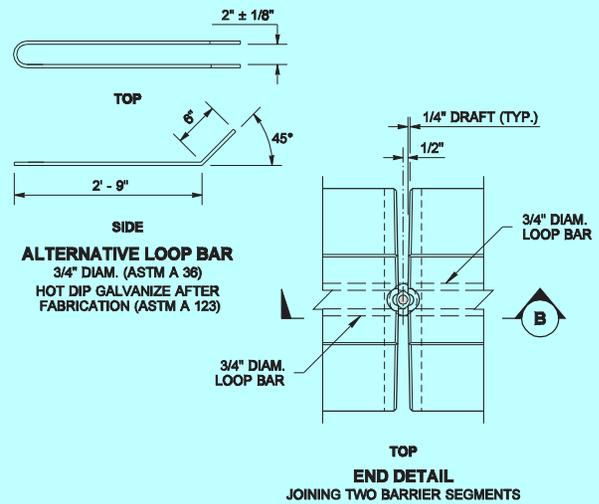
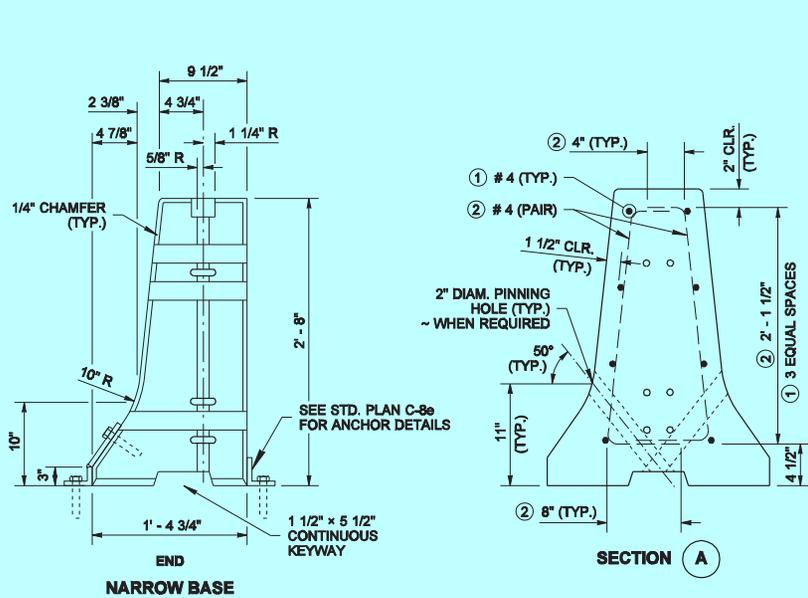
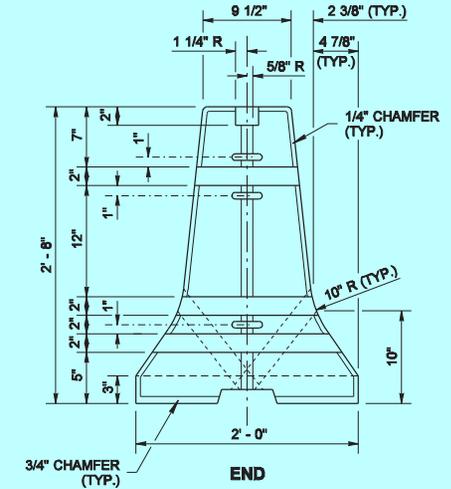
STATE DESIGN ENGINEER DATE





**NOTES**

1. The reinforcing steel details for the NARROW BASE barrier are the same as those shown for the 2' wide barrier except that the bars along the vertical face run vertically with a 1 1/2" clearance.
2. The vertical dimensions for the slots and loop bar locations on the NARROW BASE barrier are the same as those shown on the END views of the 2' wide barrier.

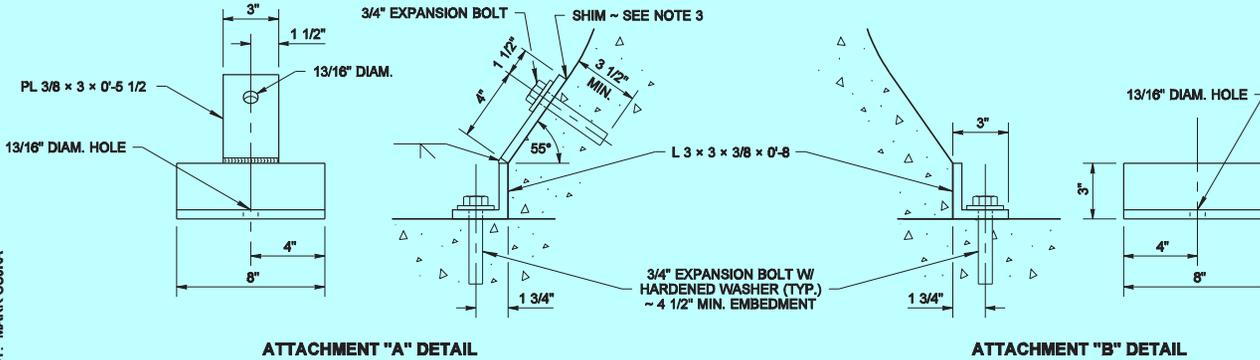


**ALTERNATIVE  
TEMPORARY CONC. BARRIER  
(F-SHAPE)  
STANDARD PLAN K-80.30-00**

SHEET 1 OF 1 SHEET  
APPROVED FOR PUBLICATION  
**Ken L. Smith** 02-21-07  
STATE DESIGN ENGINEER DATE  
Washington State Department of Transportation

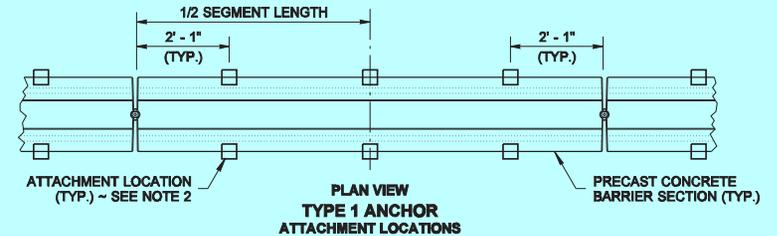
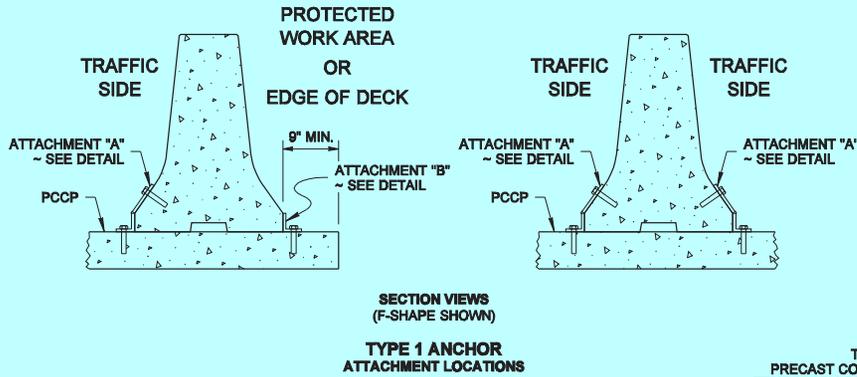
NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT. IT MAY BE USED ONLY AS PART OF A CONTRACT. ANY AND ALL ELECTRONIC OR DIGITAL COPIES OF THIS PLAN SHALL BE FILED AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

DRAWN BY: MARK SLIJKA

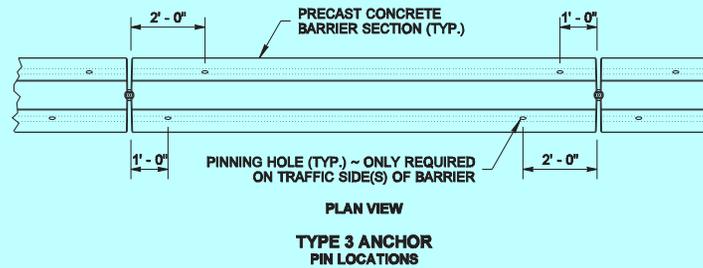
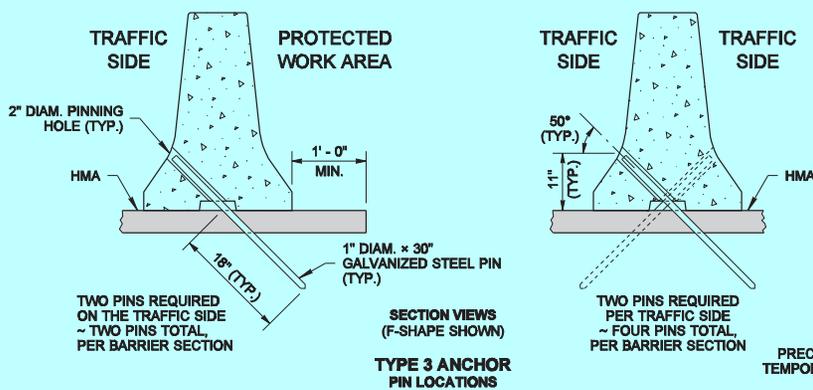


**NOTES**

1. Use Type 1 Anchors when the concrete pavement or bridge deck is 8" or thicker with 2' wide concrete barrier only. Use Type 2 Anchors (Standard Plan K-80.37) with narrow base barrier.
2. Adjust the location of the Type 1 Anchors to avoid the main reinforcing in the deck when drilling holes.
3. Use shims to properly fit the Type 1 Anchors to the barrier and roadway surfaces.
4. Upon removal of the Type 1 Anchors, clean the bolt holes and fill them with grout according to Standard Specification 6.02.3(20).
5. Remove the Type 3 Anchors by first driving the steel pins down through the barrier further into the pavement to allow lifting the barrier without interference, then remove the pins from the pavement.
6. After removing the Type 3 Anchors, clean the pin holes and fill them with sealant according to Standard Specification 9-04.2.



**TYPE 1 ANCHOR**  
 TEMPORARY INSTALLATION OF PRECAST CONC. BARRIER TYPE 2 (STD. PLAN C-8) AND TEMPORARY CONC. BARRIER (F-SHAPE) (STD. PLAN K-80.30) ON CEMENT CONC. PAVEMENT OR BRIDGE DECK



**TYPE 3 ANCHOR**  
 TEMPORARY INSTALLATION OF PRECAST CONC. BARRIER TYPE 2 (STD. PLAN C-8) AND TEMPORARY CONC. BARRIER (F-SHAPE) (STD. PLAN K-80.30) ON HOT MIX ASPHALT PAVEMENT



**TEMPORARY CONC. BARRIER ANCHORING**

**STANDARD PLAN K-80.35-00**

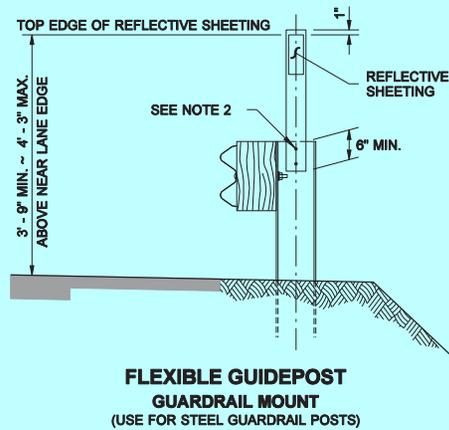
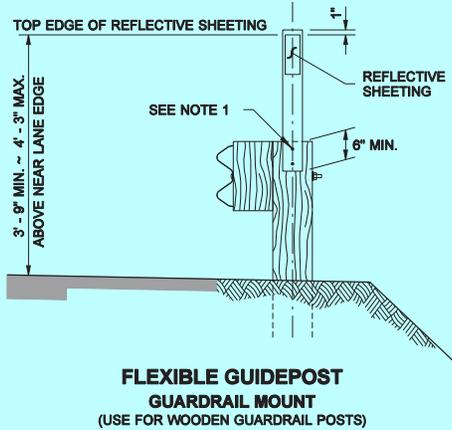
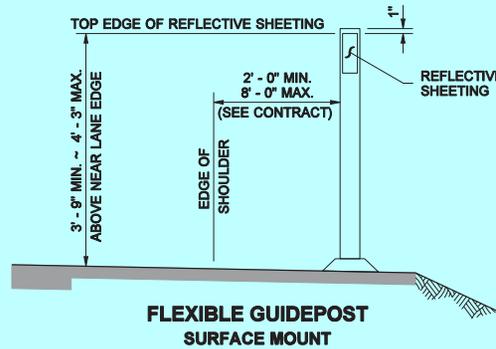
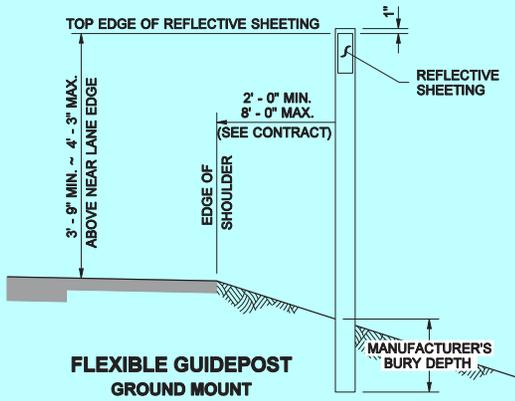
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

**Ken L. Smith** 02-21-07  
 STATE DESIGN ENGINEER DATE

Washington State Department of Transportation

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT. ANY AND ALL ELECTRONIC REPRODUCTIONS OF THIS PLAN SHALL BE SUBJECT TO THE REVIEW AND APPROVAL OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.



**NOTES**

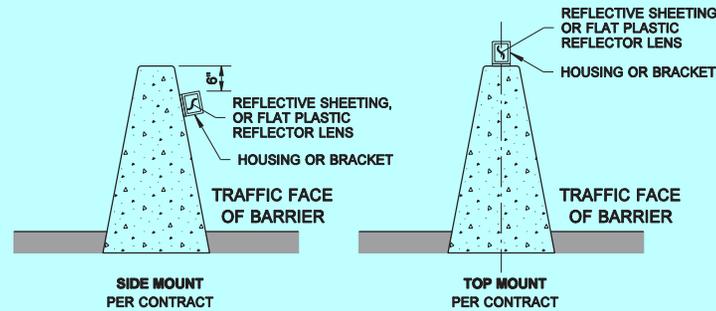
- When the Contract Plans requires a guidepost with concurrent guardrail runs, the Contractor shall either:
  - Drive the flexible guidepost in line with the guardrail posts, or
  - Mount the shorter flexible guidepost onto the guardrail post.
- Guideposts shall be fastened to the wooden guardrail post using two 2" x 3/8" lag screws with washers, along centerline of post. Also acceptable is any approved attachment method submitted by the guidepost manufacturer.
- Guideposts shall be fastened to the steel guardrail posts using two galvanized 2" x 3/8" bolts with a washer on both sides, a lock washer, and nut. The nut shall be tightened to properly compress the lock washer. The drilled holes in the guardrail post web shall be painted with galvanizing repair paint as described in **Standard Specification Section 8-11.3(1)C**. Also acceptable is any approved attachment method submitted by the guidepost manufacturer.
- When concrete barrier runs concurrent, the Contractor shall mount Barrier Delineators where guideposts are required.

| GUIDEPOST TYPE DEFINITIONS - REFLECTIVE SHEETING APPLICATIONS |                                     |   |                                      |                                      |                                 |
|---|-------------------------------------|---|--------------------------------------|--------------------------------------|---------------------------------|
| TYPE W  | TYPE WW                             |   | TYPE Y                               | TYPE YY                              |                                 |
| ○   | ⊕                                   |   | ●                                    | ⊗                                    |                                 |
| FACING TRAFFIC<br>3"<br>8"<br>WHITE                           | FACING TRAFFIC<br>3"<br>8"<br>WHITE | BACK SIDE<br>3"<br>4"<br>4"<br>WHITE<br>4"<br>WHITE | FACING TRAFFIC<br>3"<br>8"<br>YELLOW | FACING TRAFFIC<br>3"<br>8"<br>YELLOW | BACK SIDE<br>3"<br>8"<br>YELLOW |

**BARRIER DELINEATOR REQUIREMENTS**

- Spacing of Barrier Delineators shall be as shown in the Plans.
- The housing or bracket can be flexible or rigid, molded from a durable plastic or other durable material approved by the engineer, and shall be attached to the barrier with an adhesive recommended by the manufacturer. The attachment point on the barrier surface shall be free of dirt, curing compound, moisture, paint, or any other matter that would adversely affect the adhesive bond.
- Barrier Delineators shall be one-sided for single direction traffic, or two-sided for bi-directional traffic. Color shall be white on the right of traffic, and yellow on the left of traffic.
- The reflective surface shall be rectangular or trapezoidal.
- Reflective Sheeting: 12 square inches minimum surface area; Type III, IV, V, or VI, selected from approved materials listed in the Qualified Products List.
- Plastic Reflector: 9 square inches minimum surface area; acrylic or polycarbonate conforming to AASHTO M 290. Reflectors shall equal or exceed the following minimum values of Specific Intensity:

| OBSERVATION ANGLE | ENTRANCE ANGLE | SPECIFIC INTENSITY (cd/ft-c) |        |
|-------------------|----------------|------------------------------|--------|
|                   |                | WHITE                        | YELLOW |
| 0.1°              | 0°             | 128                          | 75     |
| 0.1°              | 20°            | 50                           | 30     |



**BARRIER DELINEATORS**

(CONCRETE BARRIER TYPES AND LOCATIONS VARY, SINGLE SLOPE IN MEDIAN SHOWN)



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT. THE ORIGINAL, SIGNED BY AN ELECTRONIC SIGNATURE, THE ORIGINAL, SIGNED BY HAND, AND A COPY OF THIS PLAN SHALL BE FILED AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**GUIDEPOSTS AND BARRIER DELINEATORS**  
**STANDARD PLAN M-40.10-02**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

**Pasco Bakotich III** 05-11-11

STATE DESIGN ENGINEER DATE



Washington State Department of Transportation



# APPENDIX B



## REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS

FHWA-1273 -- Revised May 1, 2012

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

### ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

#### I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with

the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

#### II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

**1. Equal Employment Opportunity:** Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this

contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

**2. EEO Officer:** The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

**3. Dissemination of Policy:** All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

**4. Recruitment:** When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

**5. Personnel Actions:** Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

**6. Training and Promotion:**

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

**7. Unions:** If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

**8. Reasonable Accommodation for Applicants / Employees with Disabilities:** The contractor must be familiar with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

**9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment:** The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

**10. Assurance Required by 49 CFR 26.13(b):**

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

**11. Records and Reports:** The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on [Form FHWA-1391](#). The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

### III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

### IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

#### 1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and

mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b. (1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

## 2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

## 3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b. (1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee ( e.g. , the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may,

after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

#### 4. Apprentices and trainees

##### a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

##### b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and

individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

##### d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

**5. Compliance with Copeland Act requirements.** The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

**6. Subcontracts.** The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

**7. Contract termination: debarment.** A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

**8. Compliance with Davis-Bacon and Related Act requirements.** All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

**9. Disputes concerning labor standards.** Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

**10. Certification of eligibility.**

- a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
- b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
- c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

**V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT**

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

**1. Overtime requirements.** No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

**2. Violation; liability for unpaid wages; liquidated damages.** In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual

was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

**3. Withholding for unpaid wages and liquidated damages.** The FHWA or the contacting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

**4. Subcontracts.** The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

**VI. SUBLETTING OR ASSIGNING THE CONTRACT**

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

- (1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;
- (2) the prime contractor remains responsible for the quality of the work of the leased employees;
- (3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

## VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

## VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

## IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.
2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

#### **X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION**

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

##### **1. Instructions for Certification – First Tier Participants:**

- a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.
- b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.
- c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.
- d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
- e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or

general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

\* \* \* \* \*

##### **2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:**

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

- (1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

## 2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or

voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

\*\*\*\*\*

## Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-- Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

\*\*\*\*\*

## **XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING**

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

## **ATTACHMENT A - EMPLOYMENT AND MATERIALS PREFERENCE FOR APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS ROAD CONTRACTS**

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.



# HATLEY BRIDGE EXPLORATORY BORING LOGS

**Hatley Bridge MP-05.19  
Wawawai-Pullman Road #9010  
Union Flat Creek, Project No. XFB1103**

**EXPLORATORY BORING: HATLEY# 1  
South end of bridge, 27.4 feet from existing bridge parallel to centerline, 7.5 feet west of centerline. Pavement Elevation ~ 2398.1 ft, Basalt Elevation ~ 2378.6 ft.**

| DEPTH<br>(feet) | SOIL<br>CLASS. | SOIL<br>DESCRIPTION   |
|-----------------|----------------|---|
| 0.0 – 0.7       | AC             | <u>Asphaltic Concrete Paving</u>  |
| 0.7 – 1.4       | GW             | <u>GRAVEL</u> (Top and Base Course Crushed Gravel) – sandy, dark gray, dry, dense.                        |
| 1.4 – 7         | GW             | SHOT ROCK (Fill) – Basalt shot rock   |
| 7 – 13          | ML             | <u>SILT</u> (Alluvium/Old Topsoil) – Sandy, medium to dark brown, very moist, firm. SPT@9 feet = 3-2-3.   |
| 13 – 16         | ML             | <u>SILT, Sandy</u> (Alluvium) – light brown to tan, very moist to saturated, dense. SPT@14 feet = 4-9-10. |
| 16 - 19         | SM             | SAND, silty (Alluvium) – contains some gravel and basalt fragments, saturated, dense.                     |
| 19 – 22.5       | RX             | BASALT (Bedrock) – Fractured and weathered, becoming more dense with depth, saturated.                    |

Excavated on April 5, 2012

Logged by: Dan Hall

Drilling Contractor: Budinger and Associates, Spokane.

Ground water encountered at 16.2 feet below existing ground surface.

Boring terminated at 22.5 feet below existing ground elevation.

# HATLEY BRIDGE EXPLORATORY BORING LOGS

**Hatley Bridge MP-05.19  
Wawawai-Pullman Road #9010  
Union Flat Creek, Project No. XFB1103**

**EXPLORATORY TEST PIT: HATLEY# 2**  
**North end of bridge, 30 feet from existing bridge parallel to centerline, 6.5 feet west of centerline. Pavement Elevation ~ 2400.4 ft, Basalt Elevation ~ 2375.9 ft.**

| DEPTH<br>(feet) | SOIL<br>CLASS. | SOIL<br>DESCRIPTION   |
|-----------------|----------------|---|
| 0.0 – 0.7       | AC             | <u>Asphaltic Concrete Paving</u>  |
| 0.7 – 2.5       | GW             | <u>GRAVEL</u> (Top and Base Course Crushed Gravel) – sandy, dark gray, dry, dense.  |
| 2.5 – 7         | GW             | SHOT ROCK (Fill) – Basalt shot rock   |
| 7 – 19          | ML             | <u>SILT</u> (Alluvium/Old Topsoil) – Sandy, medium to dark brown, very moist, firm. SPT at 9 feet = 1-0-0.                              |
| 19 – 24         | GP             | <u>SAND, Silty</u> (Alluvium) – contains some gravel, increasing with depth, brown to grey, moist to very moist, medium dense to dense. |
| 24 – 26.5       | Rx             | BASALT (Bedrock) – Fractured and weathered, becoming more dense with depth, saturated.  |

Excavated on April 5, 2012.

Logged by: Dan Hall

Drilling Contractor: Budinger & Associates, Spokane.

Ground water encountered at approximately 21 feet below existing ground surface at time of drilling.

Boring terminated at 26.5 feet below existing ground elevation.

# HATLEY BRIDGE EXPLORATORY BORING LOGS

**Hatley Bridge MP-05.19**  
**Wawawai-Pullman Road #9010**  
**Union Flat Creek, Project No. XFB1103**

**EXPLORATORY TEST PIT: HATLEY# 3**  
**South end of bridge, 64 feet from existing bridge parallel to centerline, 7.0 feet east of centerline. Pavement Elevation ~ 2397.0 ft, Basalt Elevation ~ 2378.5 ft.**

| DEPTH<br>(feet) | SOIL<br>CLASS. | SOIL<br>DESCRIPTION   |
|-----------------|----------------|---|
| 0.0 – 0.7       | AC             | <u>Asphaltic Concrete Paving</u>  |
| 0.7 – 1.5       | GW             | <u>GRAVEL</u> (Top and Base Course Crushed Gravel) – sandy, dark gray, dry, dense.  |
| 1.5 – 9         | GW             | SHOT ROCK (Fill) – Basalt shot rock   |
| 9 – 15          | ML             | <u>SILT</u> (Alluvium/Old Topsoil) – Sandy, medium to dark brown, very moist, firm, becoming softer with depth.                         |
| 15 – 16.5       | GP             | <u>SAND, Silty</u> (Alluvium) – contains some gravel, increasing with depth, brown to grey, moist to very moist, medium dense to dense. |
| 16.5 – 17       | CL             | CLAY (Alluvium) – silty, grey, very moist to saturated, stiff.  |
| 17 – 18         | SP             | <u>SAND (Alluvium)</u> – some gravel and silt, brown, coarse, saturated, dense.   |
| 18 – 19         | RX             | BASALT (Bedrock) – Fractured and weathered, saturated.  |

Excavated on April 5, 2012.

Logged by: Dan Hall

Drilling Contractor: Budinger & Associates, Spokane.

Ground water encountered at approximately 12 feet below existing ground surface at time of drilling.

Boring terminated at 19.0 feet below existing ground elevation.





# HYDRAULIC PROJECT APPROVAL

Washington Department of  
Fish & Wildlife  
PO Box 43234  
Olympia, WA 98504-3234  
(360) 902-2200

Issued Date: July 29, 2014  
Project End Date: September 30, 2016

Permit Number: 2014-1-17+01  
FPA/Public Notice Number: N/A  
Application ID: 99

| PERMITTEE  | AUTHORIZED AGENT OR CONTRACTOR |
|--|--------------------------------|
| Whitman County Public Works<br>ATTENTION: Dean Cornelison<br>PO Box 430<br>Colfax, WA 99111-0430 |                                |

**Project Name:** Hatley Bridge Rehabilitation

**Project Description:** Hatley Bridge Rehabilitation will consist of replacing the old concrete girders with new girders using the existing abutment walls. The new girders will be tied back using tie back rods and a concrete slab perpendicular to the end of the bridge into the existing roadway (see plan sheet). While the old girders are removed from the abutment walls, light loose rip rap will be placed against the north abutment for scour protection. No equipment will enter the water to place the rip rap.

## PROVISIONS

1. **TIMING LIMITATIONS:** Work may start immediately, provided the stream is dry or in a low-flow period. If the stream is not dry or in a low-flow period in order to work in the dry, work shall not start until the applicant provides plans and specifications for Temporary Stream Flow Bypass and this HPA is revised to cover fish protection standards. Project work to occur below OHW shall be completed by September 30, 2014.

Should project work occur in 2015 or 2016, the work below OHW shall be completed at low or no flow and between July 1 and September 30 of that specific year. **June 1 and September 30 per attached email.**

2. **APPROVED PLANS:** Work shall be accomplished per plans and specifications approved by the Washington Department of Fish and Wildlife entitled APPS ID: 99 (dated May 18, 2014) and Rip Rap Placement (one sheet) sent by email on June 18, 2014 from Dean Cornelison, except as modified by this Hydraulic Project Approval. A copy of these plans shall be available on site during construction.

3. **NOTIFICATION REQUIREMENT:** The Area Habitat Biologist listed below shall receive notification by Email at Jaosn.Knz@dfw.wa.gov or phone at 509-892-1001 (Ext 309) from the person to whom this Hydraulic Project Approval (HPA) is issued (permittee) within seven days of completion of work to arrange for a compliance inspection. The notification shall include the permittee's name, project location, starting date for work or completion date of work, and the control number for this HPA.

### BRIDGE PROVISIONS:

4. The bridge structure shall be removed/replaced in a manner to minimize damage to the streambed and banks. Containment tarps or equivalent BMP shall be utilized to ensure minor debris and dirt does not enter stream channel and all waste is captured, removed and disposed of in an approved upland location.

5. Riprap materials used for structure protection shall be clean, angular rock, which shall be installed to withstand the 100-year peak flow.



## HYDRAULIC PROJECT APPROVAL

Washington Department of  
Fish & Wildlife  
PO Box 43234  
Olympia, WA 98504-3234  
(360) 902-2200

Issued Date: July 29, 2014

Project End Date: September 30, 2016

Permit Number: 2014-1-17+01

FPA/Public Notice Number: N/A

Application ID: 99

6. Abutments, piers, piling, sills, approach fills, etc., shall not constrict the flow and cause any appreciable increase (not to exceed 0.2 feet) in backwater elevation (calculated at the 100-year flood) or channel-wide scour, and shall be aligned to cause the least effect on the hydraulics of the stream.

### EQUIPMENT RELATED PROVISIONS:

7. Equipment used for this project shall be free of external petroleum-based products while working around the stream. Accumulation of soils or debris shall be removed from the drive mechanisms (wheels, tires, tracks, etc.) and undercarriage of equipment prior to its working below the ordinary high water line. Equipment shall be checked daily for leaks and any necessary repairs shall be completed prior to commencing work activities along the stream.



# HYDRAULIC PROJECT APPROVAL

Washington Department of  
Fish & Wildlife  
PO Box 43234  
Olympia, WA 98504-3234  
(360) 902-2200

Issued Date: July 29, 2014  
Project End Date: September 30, 2016

Permit Number: 2014-1-17+01  
FPA/Public Notice Number: N/A  
Application ID: 99

|   |                 |                              |               |                  |                      |                |
|---|-----------------|------------------------------|---------------|------------------|----------------------|----------------|
| LOCATION #1: Site Name: Hatley Bridge<br>, , WA |                 |                              |               |                  |                      |                |
| WORK START: July 29, 2014                       |                 | WORK END: September 30, 2016 |               |                  |                      |                |
| <u>WRIA</u>                                     |                 | <u>Waterbody:</u>            |               |                  | <u>Tributary to:</u> |                |
| 34 - Palouse                                    |                 | Union Flat Creek (lb)        |               |                  | Palouse River        |                |
| <u>1/4 SEC:</u>                                 | <u>Section:</u> | <u>Township:</u>             | <u>Range:</u> | <u>Latitude:</u> | <u>Longitude:</u>    | <u>County:</u> |
| W 1/2   | 03              | 13 N                         | 44 E          | 46.64138         | -117.26871           | Whitman        |
| <u>Location #1 Driving Directions</u>           |                 |                              |               |                  |                      |                |

From SR 195/SR 194 Intersection:  
Turn onto SR 194 for approximately 2.7 miles  
Straight onto Wawawai Pullman Road for 5.2 miles  
Arrive at Hatley Bridge

## APPLY TO ALL HYDRAULIC PROJECT APPROVALS

This Hydraulic Project Approval pertains only to those requirements of the Washington State Hydraulic Code, specifically Chapter 77.55 RCW. Additional authorization from other public agencies may be necessary for this project. The person(s) to whom this Hydraulic Project Approval is issued is responsible for applying for and obtaining any additional authorization from other public agencies (local, state and/or federal) that may be necessary for this project.

This Hydraulic Project Approval shall be available on the job site at all times and all its provisions followed by the person(s) to whom this Hydraulic Project Approval is issued and operator(s) performing the work.

This Hydraulic Project Approval does not authorize trespass.

The person(s) to whom this Hydraulic Project Approval is issued and operator(s) performing the work may be held liable for any loss or damage to fish life or fish habitat that results from failure to comply with the provisions of this Hydraulic Project Approval.

Failure to comply with the provisions of this Hydraulic Project Approval could result in a civil penalty of up to one hundred dollars per day and/or a gross misdemeanor charge, possibly punishable by fine and/or imprisonment.

All Hydraulic Project Approvals issued under RCW 77.55.021 are subject to additional restrictions, conditions, or revocation if the Department of Fish and Wildlife determines that changed conditions require such action. The person(s) to whom this Hydraulic Project Approval is issued has the right to appeal those decisions. Procedures for filing appeals are listed below.



## HYDRAULIC PROJECT APPROVAL

Washington Department of  
Fish & Wildlife  
PO Box 43234  
Olympia, WA 98504-3234  
(360) 902-2200

Issued Date: July 29, 2014

Project End Date: September 30, 2016

Permit Number: 2014-1-17+01

FPA/Public Notice Number: N/A

Application ID: 99

**MINOR MODIFICATIONS TO THIS HPA:** You may request approval of minor modifications to the required work timing or to the plans and specifications approved in this HPA. A minor modification to the required work timing means up to a one-week deviation from the timing window in the HPA when there are no spawning or incubating fish present within the vicinity of the project. You may request subsequent minor modifications to the required work timing. A minor modification of the plans and specifications means any changes in the materials, characteristics or construction of your project that does not alter the project's impact to fish life or habitat and does not require a change in the provisions of the HPA to mitigate the impacts of the modification. Minor modifications do not require you to pay additional application fees or be issued a new HPA. If you originally applied for your HPA through the online Aquatic Protection Permitting System (APPS), you may request a minor modification through APPS. A link to APPS is at <http://wdfw.wa.gov/licensing/hpa/>. If you do not use APPS you must submit a written request that clearly indicates you are seeking a minor modification to an existing HPA. Include the HPA number and a description of the requested change and send by mail to: Washington Department of Fish and Wildlife, PO Box 43234, Olympia, Washington 98504-3234, or by email to [HPAapplications@dfw.wa.gov](mailto:HPAapplications@dfw.wa.gov). Do not include payment with your request. You should allow up to 45 days for the department to process your request.

**MAJOR MODIFICATIONS TO THIS HPA:** You may request approval of major modifications to any aspect of your HPA. Any approved change other than a minor modification to your HPA will require issuance of a new HPA. If you paid an application fee for your original HPA you must pay an additional \$150 for the major modification. If you did not pay an application fee for the original HPA, no fee is required for a change to it. If you originally applied for your HPA through the online Aquatic Protection Permitting System (APPS), you may request a major modification through APPS. A link to APPS is at <http://wdfw.wa.gov/licensing/hpa/>. If you do not use APPS you must submit a written request that clearly indicates you are requesting a major modification to an existing HPA. Include the HPA number, check, and a description of the requested change. Send your written request and payment, if applicable, by mail to: Washington Department of Fish and Wildlife, PO Box 43234, Olympia, Washington 98504-3234. You should allow up to 45 days for the department to process your request.

### APPEALS INFORMATION

If you wish to appeal the issuance, denial, conditioning, or modification of a Hydraulic Project Approval (HPA), Washington Department of Fish and Wildlife (WDFW) recommends that you first contact the department employee who issued or denied the HPA to discuss your concerns. Such a discussion may resolve your concerns without the need for further appeal action. If you proceed with an appeal, you may request an informal or formal appeal. WDFW encourages you to take advantage of the informal appeal process before initiating a formal appeal. The informal appeal process includes a review by department management of the HPA or denial and often resolves issues faster and with less legal complexity than the formal appeal process. If the informal appeal process does not resolve your concerns, you may advance your appeal to the formal process. You may contact the HPA Appeals Coordinator at (360) 902-2534 for more information.

**A. INFORMAL APPEALS:** WAC 220-110-340 is the rule describing how to request an informal appeal of WDFW actions taken under Chapter 77.55 RCW. Please refer to that rule for complete informal appeal procedures. The following information summarizes that rule.



# HYDRAULIC PROJECT APPROVAL

Washington Department of  
Fish & Wildlife  
PO Box 43234  
Olympia, WA 98504-3234  
(360) 902-2200

Issued Date: July 29, 2014  
Project End Date: September 30, 2016

Permit Number: 2014-1-17+01  
FPA/Public Notice Number: N/A  
Application ID: 99

A person who is aggrieved by the issuance, denial, conditioning, or modification of an HPA may request an informal appeal of that action. You must send your request to WDFW by mail to the Washington Department of Fish and Wildlife HPA Appeals Coordinator, 600 Capitol Way North, Olympia, Washington 98501-1091; e-mail to [HPAapplications@dfw.wa.gov](mailto:HPAapplications@dfw.wa.gov); fax to (360) 902-2946; or hand-delivery to the Natural Resources Building, 1111 Washington St SE, Habitat Program, Fifth floor. WDFW must receive your request within 30 days from the date you receive notice of the decision. If you agree, and you applied for the HPA, resolution of the appeal may be facilitated through an informal conference with the WDFW employee responsible for the decision and a supervisor. If a resolution is not reached through the informal conference, or you are not the person who applied for the HPA, the HPA Appeals Coordinator or designee will conduct an informal hearing and recommend a decision to the Director or designee. If you are not satisfied with the results of the informal appeal, you may file a request for a formal appeal.

B. FORMAL APPEALS: WAC 220-110-350 is the rule describing how to request a formal appeal of WDFW actions taken under Chapter 77.55 RCW. Please refer to that rule for complete formal appeal procedures. The following information summarizes that rule.

A person who is aggrieved by the issuance, denial, conditioning, or modification of an HPA may request a formal appeal of that action. You must send your request for a formal appeal to the clerk of the Pollution Control Hearings Boards and serve a copy on WDFW within 30 days from the date you receive notice of the decision. You may serve WDFW by mail to the Washington Department of Fish and Wildlife HPA Appeals Coordinator, 600 Capitol Way North, Olympia, Washington 98501-1091; e-mail to [HPAapplications@dfw.wa.gov](mailto:HPAapplications@dfw.wa.gov); fax to (360) 902-2946; or hand-delivery to the Natural Resources Building, 1111 Washington St SE, Habitat Program, Fifth floor. The time period for requesting a formal appeal is suspended during consideration of a timely informal appeal. If there has been an informal appeal, you may request a formal appeal within 30 days from the date you receive the Director's or designee's written decision in response to the informal appeal.

C. FAILURE TO APPEAL WITHIN THE REQUIRED TIME PERIODS: If there is no timely request for an appeal, the WDFW action shall be final and unappealable.

---

Habitat Biologist Jason.Kunz@dfw.wa.gov  
Jason Kunz 509-892-1001, Ext:309

for Director  
WDFW

## Dean Cornelison

---

**From:** Kunz, Jason P (DFW) <Jason.Kunz@dfw.wa.gov>  
**Sent:** Monday, October 27, 2014 12:52 PM  
**To:** Dean Cornelison  
**Subject:** RE: Hatley Bridge HPA #2014-1-17+01 Minor Modification

Dean,

Due to an HPA processing protocol conflict (and needing to avoid additional 150.00 fee), please accept this email with your HPA modification request stated below as confirmation that Whitman County may conduct HPA work starting June 1<sup>st</sup> of the year 2015 or 2016.

Please print out this email and attach it to your current issued HPA for proof of HPA coverage.

Thank you,

Jason Kunz  
WDFW – Area Habitat Biologist  
2315 N Discovery Place  
Spokane Valley WA 99216-1566  
Office: 509-892-1001 x309  
Cell: 509-939-8454  
[Jason.kunz@dfw.wa.gov](mailto:Jason.kunz@dfw.wa.gov)

---

**From:** Dean Cornelison [mailto:Dean.Cornelison@co.whitman.wa.us]  
**Sent:** Wednesday, September 17, 2014 9:36 AM  
**To:** Kunz, Jason P (DFW)  
**Subject:** Hatley Bridge HPA #2014-1-17+01 Minor Modification

Jason,

Whitman County is requesting that the Hatley Bridge HPA be modified as follows:

1. **TIMING LIMITATIONS:** Work may start immediately, provided the stream is dry or in a low-flow period. If the stream is not dry or in a low-flow period in order to work in the dry, the work shall not start until the applicant provides plans and specifications for a Temporary Stream Flow Bypass and this HPA is revised to cover fish protection standards. Project work to occur below OHW shall be completed by September 30, 2014.

Should project work occur in 2015 or 2016, the work below OHW shall be completed at low or no flow and between **June 1** and September 30 of that specific year.

By allowing the work to start on June 1, 2015 we will not be disrupting harvest activities on Wawawai Pullman Road which is a major farm to market route for farmers.

Thanks for the consideration and please let me know if you need any further information,  
Dean Cornelison, P.E.  
Assistant County Engineer



US Army Corps  
of Engineers®  
Seattle District

# NATIONWIDE PERMIT 3

## Terms and Conditions

Effective Date: June 15, 2012



- 
- A. Description of Authorized Activities
  - B. Corps National General Conditions for all NWP's
  - C. Corps Seattle District Regional General Conditions
  - D. Corps Regional Specific Conditions for this NWP
  - E. State 401 Certification General Conditions
  - F. State 401 Certification Specific Conditions for this NWP
  - G. EPA 401 Certification General Conditions
  - H. EPA 401 Certification Specific Conditions for this NWP
  - I. Coastal Zone Management Consistency Response for this NWP
- 

In addition to any special condition that may be required on a case-by-case basis by the District Engineer, the following terms and conditions must be met, as applicable, for a Nationwide Permit authorization to be valid in Washington State.

### A. DESCRIPTION OF AUTHORIZED ACTIVITIES

3. Maintenance. (a) The repair, rehabilitation, or replacement of any previously authorized, currently serviceable structure, or fill, or of any currently serviceable structure or fill authorized by 33 CFR 330.3, provided that the structure or fill is not to be put to uses differing from those uses specified or contemplated for it in the original permit or the most recently authorized modification. Minor deviations in the structure's configuration or filled area, including those due to changes in materials, construction techniques, requirements of other regulatory agencies, or current construction codes or safety standards that are necessary to make the repair, rehabilitation, or replacement are authorized. Any stream channel modification is limited to the minimum necessary for the repair, rehabilitation, or replacement of the structure or fill; such modifications, including the removal of material from the stream channel, must be immediately adjacent to the project or within the boundaries of the structure or fill. This NWP also authorizes the repair, rehabilitation, or replacement of those structures or fills destroyed or damaged by storms, floods, fire or other discrete events, provided the repair, rehabilitation, or replacement is commenced, or is under contract to commence, within two years of the date of their destruction or damage. In cases of catastrophic events, such as hurricanes or tornadoes, this two-year limit may be waived by the district engineer, provided the permittee can demonstrate funding, contract, or other similar delays.

(b) This NWP also authorizes the removal of accumulated sediments and debris in the vicinity of existing structures (e.g., bridges, culverted road crossings, water intake structures, etc.) and/or the placement of new or additional riprap to protect the structure. The removal of sediment is limited to the minimum necessary to restore the waterway in the vicinity of the structure to the approximate dimensions that existed when the structure was built, but cannot extend farther than 200 feet in any direction from the structure. This 200 foot limit does not apply to maintenance dredging to remove accumulated sediments blocking or restricting outfall and intake structures or to maintenance dredging to remove accumulated sediments from canals associated with outfall and intake structures. All dredged or excavated materials must be deposited and retained in an area that has no waters of the United States unless otherwise specifically approved by the district engineer under separate authorization. The placement of new or additional riprap must be the minimum necessary to protect the structure or to ensure the safety of the

structure. Any bank stabilization measures not directly associated with the structure will require a separate authorization from the district engineer.

(c) This NWP also authorizes temporary structures, fills, and work necessary to conduct the maintenance activity. Appropriate measures must be taken to maintain normal downstream flows and minimize flooding to the maximum extent practicable, when temporary structures, work, and discharges, including cofferdams, are necessary for construction activities, access fills, or dewatering of construction sites. Temporary fills must consist of materials, and be placed in a manner, that will not be eroded by expected high flows. Temporary fills must be removed in their entirety and the affected areas returned to pre-construction elevations. The areas affected by temporary fills must be revegetated, as appropriate.

(d) This NWP does not authorize maintenance dredging for the primary purpose of navigation. This NWP does not authorize beach restoration. This NWP does not authorize new stream channelization or stream relocation projects.

Notification: For activities authorized by paragraph (b) of this NWP, the permittee must submit a pre-construction notification to the district engineer prior to commencing the activity (see general condition 31). The pre-construction notification must include information regarding the original design capacities and configurations of the outfalls, intakes, small impoundments, and canals. (Sections 10 and 404)

Note: This NWP authorizes the repair, rehabilitation, or replacement of any previously authorized structure or fill that does not qualify for the Clean Water Act Section 404(f) exemption for maintenance.

## B. CORPS NATIONAL GENERAL CONDITIONS FOR ALL NWPs

Note: To qualify for NWP authorization, the prospective permittee must comply with the following general conditions, as applicable, in addition to any regional or case-specific conditions imposed by the division engineer or district engineer. Prospective permittees should contact the appropriate Corps district office to determine if regional conditions have been imposed on an NWP. Prospective permittees should also contact the appropriate Corps district office to determine the status of Clean Water Act Section 401 water quality certification and/or Coastal Zone Management Act consistency for an NWP. Every person who may wish to obtain permit authorization under one or more NWPs, or who is currently relying on an existing or prior permit authorization under one or more NWPs, has been and is on notice that all of the provisions of 33 CFR § 330.1 through 330.6 apply to every NWP authorization. Note especially 33 CFR § 330.5 relating to the modification, suspension, or revocation of any NWP authorization.

1. Navigation. (a) No activity may cause more than a minimal adverse effect on navigation.

(b) Any safety lights and signals prescribed by the U.S. Coast Guard, through regulations or otherwise, must be installed and maintained at the permittee's expense on authorized facilities in navigable waters of the United States.

(c) The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

2. Aquatic Life Movements. No activity may substantially disrupt the necessary life cycle movements of those species of aquatic life indigenous to the waterbody, including those species that normally migrate through the area, unless the activity's primary purpose is to impound water. All permanent and temporary crossings of waterbodies shall be suitably culverted, bridged, or otherwise designed and constructed to maintain low flows to sustain the movement of those aquatic species.

3. Spawning Areas. Activities in spawning areas during spawning seasons must be avoided to the maximum extent practicable. Activities that result in the physical destruction (e.g., through excavation, fill, or downstream smothering by substantial turbidity) of an important spawning area are not authorized.

4. Migratory Bird Breeding Areas. Activities in waters of the United States that serve as breeding areas for migratory birds must be avoided to the maximum extent practicable.

5. Shellfish Beds. No activity may occur in areas of concentrated shellfish populations, unless the activity is directly related to a shellfish harvesting activity authorized by NWPs 4 and 48, or is a shellfish seeding or habitat restoration activity authorized by NWP 27.

6. Suitable Material. No activity may use unsuitable material (e.g., trash, debris, car bodies, asphalt, etc.). Material used for construction or discharged must be free from toxic pollutants in toxic amounts (see Section 307 of the Clean Water Act).

7. Water Supply Intakes. No activity may occur in the proximity of a public water supply intake, except where the activity is for the repair or improvement of public water supply intake structures or adjacent bank stabilization.

8. Adverse Effects From Impoundments. If the activity creates an impoundment of water, adverse effects to the aquatic system due to accelerating the passage of water, and/or restricting its flow must be minimized to the maximum extent practicable.

9. Management of Water Flows. To the maximum extent practicable, the pre-construction course, condition, capacity, and location of open waters must be maintained for each activity, including stream channelization and storm water management activities, except as provided below. The activity must be constructed to withstand expected high flows. The activity must not restrict or impede the passage of normal or high flows, unless the primary purpose of the activity is to impound water or manage high flows. The activity may alter the pre-construction course, condition, capacity, and location of open waters if it benefits the aquatic environment (e.g., stream restoration or relocation activities).

10. Fills Within 100-Year Floodplains. The activity must comply with applicable FEMA-approved state or local floodplain management requirements.

11. Equipment. Heavy equipment working in wetlands or mudflats must be placed on mats, or other measures must be taken to minimize soil disturbance.

12. Soil Erosion and Sediment Controls. Appropriate soil erosion and sediment controls must be used and maintained in effective operating condition during construction, and all exposed soil and other fills, as well as any work below the ordinary high water mark or high tide line, must be permanently stabilized at the earliest practicable date. Permittees are encouraged to perform work within waters of the United States during periods of low-flow or no-flow.

13. Removal of Temporary Fills. Temporary fills must be removed in their entirety and the affected areas returned to pre-construction elevations. The affected areas must be revegetated, as appropriate.

14. Proper Maintenance. Any authorized structure or fill shall be properly maintained, including maintenance to ensure public safety and compliance with applicable NWP general conditions, as well as any activity-specific conditions added by the district engineer to an NWP authorization.

15. Single and Complete Project. The activity must be a single and complete project. The same NWP cannot be used more than once for the same single and complete project.

16. Wild and Scenic Rivers. No activity may occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while the river is in an official study status, unless the appropriate Federal agency with direct management responsibility for such river, has determined in writing that the proposed activity will not adversely affect the Wild and Scenic River designation or study status. Information on Wild and Scenic Rivers may be obtained from the appropriate Federal land management agency responsible for the designated Wild and Scenic River or study river (e.g., National Park Service, U.S. Forest Service, Bureau of Land Management, U.S. Fish and Wildlife Service).

17. Tribal Rights. No activity or its operation may impair reserved tribal rights, including, but not limited to, reserved water rights and treaty fishing and hunting rights.

18. Endangered Species. (a) No activity is authorized under any NWP which is likely to directly or indirectly jeopardize the continued existence of a threatened or endangered species or a species proposed for such designation, as identified under the Federal Endangered Species Act (ESA), or which will directly or indirectly destroy or adversely modify the critical habitat of such species. No activity is authorized under any NWP which "may affect" a listed species or critical habitat, unless Section 7 consultation addressing the effects of the proposed activity has been completed.

(b) Federal agencies should follow their own procedures for complying with the requirements of the ESA. Federal permittees must provide the district engineer with the appropriate documentation to demonstrate compliance with those requirements. The district engineer will review the documentation and determine whether it is sufficient to address ESA compliance for the NWP activity, or whether additional ESA consultation is necessary.

(c) Non-federal permittees must submit a pre-construction notification to the district engineer if any listed species or designated critical habitat might be affected or is in the vicinity of the project, or if the project is located in designated critical habitat, and shall not begin work on the activity until notified by the district engineer that the requirements of the ESA have been satisfied and that the activity is authorized. For activities that might affect Federally-listed endangered or threatened species or designated critical habitat, the pre-construction notification must include the name(s) of the endangered or threatened species that might be affected by the proposed work or that utilize the designated critical habitat that might be affected by the proposed work. The district engineer will determine whether the proposed activity "may affect" or will have "no effect" to listed species and designated critical habitat and will notify the non-Federal applicant of the Corps' determination within 45 days of receipt of a complete pre-construction notification. In cases where the non-Federal applicant has identified listed species or critical habitat that might be affected or is in the vicinity of the project, and has so notified the Corps, the applicant shall not begin work until the Corps has provided notification the proposed activities will have "no effect" on listed species or critical habitat, or until Section 7 consultation has been completed. If the non-Federal applicant has not heard back from the Corps within 45 days, the applicant must still wait for notification from the Corps.

(d) As a result of formal or informal consultation with the FWS or NMFS the district engineer may add species-specific regional endangered species conditions to the NWPs.

(e) Authorization of an activity by a NWP does not authorize the "take" of a threatened or endangered species as defined under the ESA. In the absence of separate authorization (e.g., an ESA Section 10 Permit, a Biological Opinion with "incidental take" provisions, etc.) from the U.S. FWS or the NMFS, The Endangered Species Act prohibits any person subject to the jurisdiction of the United States to take a listed species, where "take" means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct. The word "harm" in the definition of "take" means an act which actually kills or injures wildlife. Such an act may include significant habitat modification or

degradation where it actually kills or injures wildlife by significantly impairing essential behavioral patterns, including breeding, feeding or sheltering.

(f) Information on the location of threatened and endangered species and their critical habitat can be obtained directly from the offices of the U.S. FWS and NMFS or their world wide web pages at <http://www.fws.gov/> or <http://www.fws.gov/ipac> and <http://www.noaa.gov/fisheries.html> respectively.

19. Migratory Birds and Bald and Golden Eagles. The permittee is responsible for obtaining any “take” permits required under the U.S. Fish and Wildlife Service’s regulations governing compliance with the Migratory Bird Treaty Act or the Bald and Golden Eagle Protection Act. The permittee should contact the appropriate local office of the U.S. Fish and Wildlife Service to determine if such “take” permits are required for a particular activity.

20. Historic Properties. (a) In cases where the district engineer determines that the activity may affect properties listed, or eligible for listing, in the National Register of Historic Places, the activity is not authorized, until the requirements of Section 106 of the National Historic Preservation Act (NHPA) have been satisfied.

(b) Federal permittees should follow their own procedures for complying with the requirements of Section 106 of the National Historic Preservation Act. Federal permittees must provide the district engineer with the appropriate documentation to demonstrate compliance with those requirements. The district engineer will review the documentation and determine whether it is sufficient to address section 106 compliance for the NWP activity, or whether additional section 106 consultation is necessary.

(c) Non-federal permittees must submit a pre-construction notification to the district engineer if the authorized activity may have the potential to cause effects to any historic properties listed on, determined to be eligible for listing on, or potentially eligible for listing on the National Register of Historic Places, including previously unidentified properties. For such activities, the pre-construction notification must state which historic properties may be affected by the proposed work or include a vicinity map indicating the location of the historic properties or the potential for the presence of historic properties. Assistance regarding information on the location of or potential for the presence of historic resources can be sought from the State Historic Preservation Officer or Tribal Historic Preservation Officer, as appropriate, and the National Register of Historic Places (see 33 CFR 330.4(g)). When reviewing pre-construction notifications, district engineers will comply with the current procedures for addressing the requirements of Section 106 of the National Historic Preservation Act. The district engineer shall make a reasonable and good faith effort to carry out appropriate identification efforts, which may include background research, consultation, oral history interviews, sample field investigation, and field survey. Based on the information submitted and these efforts, the district engineer shall determine whether the proposed activity has the potential to cause an effect on the historic properties. Where the non-Federal applicant has identified historic properties on which the activity may have the potential to cause effects and so notified the Corps, the non-Federal applicant shall not begin the activity until notified by the district engineer either that the activity has no potential to cause effects or that consultation under Section 106 of the NHPA has been completed.

(d) The district engineer will notify the prospective permittee within 45 days of receipt of a complete pre-construction notification whether NHPA Section 106 consultation is required. Section 106 consultation is not required when the Corps determines that the activity does not have the potential to cause effects on historic properties (see 36 CFR §800.3(a)). If NHPA section 106 consultation is required and will occur, the district engineer will notify the non-Federal applicant that he or she cannot begin work until Section 106 consultation is completed. If the non-Federal applicant has not heard back from the Corps within 45 days, the applicant must still wait for notification from the Corps.

(e) Prospective permittees should be aware that section 110k of the NHPA (16 U.S.C. 470h-2(k)) prevents the Corps from granting a permit or other assistance to an applicant who, with intent to avoid the requirements of Section 106 of the NHPA, has intentionally significantly adversely affected a historic property to which the permit would relate, or having legal power to prevent it, allowed such significant

adverse effect to occur, unless the Corps, after consultation with the Advisory Council on Historic Preservation (ACHP), determines that circumstances justify granting such assistance despite the adverse effect created or permitted by the applicant. If circumstances justify granting the assistance, the Corps is required to notify the ACHP and provide documentation specifying the circumstances, the degree of damage to the integrity of any historic properties affected, and proposed mitigation. This documentation must include any views obtained from the applicant, SHPO/THPO, appropriate Indian tribes if the undertaking occurs on or affects historic properties on tribal lands or affects properties of interest to those tribes, and other parties known to have a legitimate interest in the impacts to the permitted activity on historic properties.

21. Discovery of Previously Unknown Remains and Artifacts. If you discover any previously unknown historic, cultural or archeological remains and artifacts while accomplishing the activity authorized by this permit, you must immediately notify the district engineer of what you have found, and to the maximum extent practicable, avoid construction activities that may affect the remains and artifacts until the required coordination has been completed. The district engineer will initiate the Federal, Tribal and state coordination required to determine if the items or remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

22. Designated Critical Resource Waters. Critical resource waters include, NOAA-managed marine sanctuaries and marine monuments, and National Estuarine Research Reserves. The district engineer may designate, after notice and opportunity for public comment, additional waters officially designated by a state as having particular environmental or ecological significance, such as outstanding national resource waters or state natural heritage sites. The district engineer may also designate additional critical resource waters after notice and opportunity for public comment.

(a) Discharges of dredged or fill material into waters of the United States are not authorized by NWPs 7, 12, 14, 16, 17, 21, 29, 31, 35, 39, 40, 42, 43, 44, 49, 50, 51, and 52 for any activity within, or directly affecting, critical resource waters, including wetlands adjacent to such waters.

(b) For NWPs 3, 8, 10, 13, 15, 18, 19, 22, 23, 25, 27, 28, 30, 33, 34, 36, 37, and 38, notification is required in accordance with general condition 31, for any activity proposed in the designated critical resource waters including wetlands adjacent to those waters. The district engineer may authorize activities under these NWPs only after it is determined that the impacts to the critical resource waters will be no more than minimal.

23. Mitigation. The district engineer will consider the following factors when determining appropriate and practicable mitigation necessary to ensure that adverse effects on the aquatic environment are minimal:

(a) The activity must be designed and constructed to avoid and minimize adverse effects, both temporary and permanent, to waters of the United States to the maximum extent practicable at the project site (i.e., on site).

(b) Mitigation in all its forms (avoiding, minimizing, rectifying, reducing, or compensating for resource losses) will be required to the extent necessary to ensure that the adverse effects to the aquatic environment are minimal.

(c) Compensatory mitigation at a minimum one-for-one ratio will be required for all wetland losses that exceed 1/10-acre and require pre-construction notification, unless the district engineer determines in writing that either some other form of mitigation would be more environmentally appropriate or the adverse effects of the proposed activity are minimal, and provides a project-specific waiver of this requirement. For wetland losses of 1/10-acre or less that require pre-construction notification, the district engineer may determine on a case-by-case basis that compensatory mitigation is required to ensure that the activity results in minimal adverse effects on the aquatic environment. Compensatory mitigation projects provided to offset losses of aquatic resources must comply with the applicable provisions of 33 CFR part 332. (1) The prospective permittee is responsible for proposing an appropriate compensatory mitigation option if compensatory mitigation is necessary to ensure that the activity results in minimal

adverse effects on the aquatic environment. (2) Since the likelihood of success is greater and the impacts to potentially valuable uplands are reduced, wetland restoration should be the first compensatory mitigation option considered. (3) If permittee-responsible mitigation is the proposed option, the prospective permittee is responsible for submitting a mitigation plan. A conceptual or detailed mitigation plan may be used by the district engineer to make the decision on the NWP verification request, but a final mitigation plan that addresses the applicable requirements of 33 CFR 332.4(c)(2) – (14) must be approved by the district engineer before the permittee begins work in waters of the United States, unless the district engineer determines that prior approval of the final mitigation plan is not practicable or not necessary to ensure timely completion of the required compensatory mitigation (see 33 CFR 332.3(k)(3)). (4) If mitigation bank or in-lieu fee program credits are the proposed option, the mitigation plan only needs to address the baseline conditions at the impact site and the number of credits to be provided. (5) Compensatory mitigation requirements (e.g., resource type and amount to be provided as compensatory mitigation, site protection, ecological performance standards, monitoring requirements) may be addressed through conditions added to the NWP authorization, instead of components of a compensatory mitigation plan.

(d) For losses of streams or other open waters that require pre-construction notification, the district engineer may require compensatory mitigation, such as stream rehabilitation, enhancement, or preservation, to ensure that the activity results in minimal adverse effects on the aquatic environment.

(e) Compensatory mitigation will not be used to increase the acreage losses allowed by the acreage limits of the NWPs. For example, if an NWP has an acreage limit of 1/2-acre, it cannot be used to authorize any project resulting in the loss of greater than 1/2-acre of waters of the United States, even if compensatory mitigation is provided that replaces or restores some of the lost waters. However, compensatory mitigation can and should be used, as necessary, to ensure that a project already meeting the established acreage limits also satisfies the minimal impact requirement associated with the NWPs.

(f) Compensatory mitigation plans for projects in or near streams or other open waters will normally include a requirement for the restoration or establishment, maintenance, and legal protection (e.g., conservation easements) of riparian areas next to open waters. In some cases, riparian areas may be the only compensatory mitigation required. Riparian areas should consist of native species. The width of the required riparian area will address documented water quality or aquatic habitat loss concerns. Normally, the riparian area will be 25 to 50 feet wide on each side of the stream, but the district engineer may require slightly wider riparian areas to address documented water quality or habitat loss concerns. If it is not possible to establish a riparian area on both sides of a stream, or if the waterbody is a lake or coastal waters, then restoring or establishing a riparian area along a single bank or shoreline may be sufficient. Where both wetlands and open waters exist on the project site, the district engineer will determine the appropriate compensatory mitigation (e.g., riparian areas and/or wetlands compensation) based on what is best for the aquatic environment on a watershed basis. In cases where riparian areas are determined to be the most appropriate form of compensatory mitigation, the district engineer may waive or reduce the requirement to provide wetland compensatory mitigation for wetland losses.

(g) Permittees may propose the use of mitigation banks, in-lieu fee programs, or separate permittee-responsible mitigation. For activities resulting in the loss of marine or estuarine resources, permittee-responsible compensatory mitigation may be environmentally preferable if there are no mitigation banks or in-lieu fee programs in the area that have marine or estuarine credits available for sale or transfer to the permittee. For permittee-responsible mitigation, the special conditions of the NWP verification must clearly indicate the party or parties responsible for the implementation and performance of the compensatory mitigation project, and, if required, its long-term management.

(h) Where certain functions and services of waters of the United States are permanently adversely affected, such as the conversion of a forested or scrub-shrub wetland to a herbaceous wetland in a permanently maintained utility line right-of-way, mitigation may be required to reduce the adverse effects of the project to the minimal level.

24. Safety of Impoundment Structures. To ensure that all impoundment structures are safely designed, the district engineer may require non-Federal applicants to demonstrate that the structures comply with established state dam safety criteria or have been designed by qualified persons. The district engineer may also require documentation that the design has been independently reviewed by similarly qualified persons, and appropriate modifications made to ensure safety.

25. Water Quality. Where States and authorized Tribes, or EPA where applicable, have not previously certified compliance of an NWP with CWA Section 401, individual 401 Water Quality Certification must be obtained or waived (see 33 CFR 330.4(c)). The district engineer or State or Tribe may require additional water quality management measures to ensure that the authorized activity does not result in more than minimal degradation of water quality.

26. Coastal Zone Management. In coastal states where an NWP has not previously received a state coastal zone management consistency concurrence, an individual state coastal zone management consistency concurrence must be obtained, or a presumption of concurrence must occur (see 33 CFR 330.4(d)). The district engineer or a State may require additional measures to ensure that the authorized activity is consistent with state coastal zone management requirements.

27. Regional and Case-By-Case Conditions. The activity must comply with any regional conditions that may have been added by the Division Engineer (see 33 CFR 330.4(e)) and with any case specific conditions added by the Corps or by the state, Indian Tribe, or U.S. EPA in its section 401 Water Quality Certification, or by the state in its Coastal Zone Management Act consistency determination.

28. Use of Multiple Nationwide Permits. The use of more than one NWP for a single and complete project is prohibited, except when the acreage loss of waters of the United States authorized by the NWPs does not exceed the acreage limit of the NWP with the highest specified acreage limit. For example, if a road crossing over tidal waters is constructed under NWP 14, with associated bank stabilization authorized by NWP 13, the maximum acreage loss of waters of the United States for the total project cannot exceed 1/3-acre.

29. Transfer of Nationwide Permit Verifications. If the permittee sells the property associated with a nationwide permit verification, the permittee may transfer the nationwide permit verification to the new owner by submitting a letter to the appropriate Corps district office to validate the transfer. A copy of the nationwide permit verification must be attached to the letter, and the letter must contain the following statement and signature:

“When the structures or work authorized by this nationwide permit are still in existence at the time the property is transferred, the terms and conditions of this nationwide permit, including any special conditions, will continue to be binding on the new owner(s) of the property. To validate the transfer of this nationwide permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.”

---

(Transferee)

---

(Date)

30. Compliance Certification. Each permittee who receives an NWP verification letter from the Corps must provide a signed certification documenting completion of the authorized activity and any required compensatory mitigation. The success of any required permittee-responsible mitigation, including the achievement of ecological performance standards, will be addressed separately by the district engineer. The Corps will provide the permittee the certification document with the NWP verification letter. The certification document will include: (a) A statement that the authorized work was done in accordance with

the NWP authorization, including any general, regional, or activity-specific conditions; (b) A statement that the implementation of any required compensatory mitigation was completed in accordance with the permit conditions. If credits from a mitigation bank or in-lieu fee program are used to satisfy the compensatory mitigation requirements, the certification must include the documentation required by 33 CFR 332.3(l)(3) to confirm that the permittee secured the appropriate number and resource type of credits; and (c) The signature of the permittee certifying the completion of the work and mitigation.

31. Pre-Construction Notification. (a) Timing. Where required by the terms of the NWP, the prospective permittee must notify the district engineer by submitting a pre-construction notification (PCN) as early as possible. The district engineer must determine if the PCN is complete within 30 calendar days of the date of receipt and, if the PCN is determined to be incomplete, notify the prospective permittee within that 30 day period to request the additional information necessary to make the PCN complete. The request must specify the information needed to make the PCN complete. As a general rule, district engineers will request additional information necessary to make the PCN complete only once. However, if the prospective permittee does not provide all of the requested information, then the district engineer will notify the prospective permittee that the PCN is still incomplete and the PCN review process will not commence until all of the requested information has been received by the district engineer. The prospective permittee shall not begin the activity until either: (1) He or she is notified in writing by the district engineer that the activity may proceed under the NWP with any special conditions imposed by the district or division engineer; or (2) 45 calendar days have passed from the district engineer's receipt of the complete PCN and the prospective permittee has not received written notice from the district or division engineer. However, if the permittee was required to notify the Corps pursuant to general condition 18 that listed species or critical habitat might be affected or in the vicinity of the project, or to notify the Corps pursuant to general condition 20 that the activity may have the potential to cause effects to historic properties, the permittee cannot begin the activity until receiving written notification from the Corps that there is "no effect" on listed species or "no potential to cause effects" on historic properties, or that any consultation required under Section 7 of the Endangered Species Act (see 33 CFR 330.4(f)) and/or Section 106 of the National Historic Preservation (see 33 CFR 330.4(g)) has been completed. Also, work cannot begin under NWPs 21, 49, or 50 until the permittee has received written approval from the Corps. If the proposed activity requires a written waiver to exceed specified limits of an NWP, the permittee may not begin the activity until the district engineer issues the waiver. If the district or division engineer notifies the permittee in writing that an individual permit is required within 45 calendar days of receipt of a complete PCN, the permittee cannot begin the activity until an individual permit has been obtained. Subsequently, the permittee's right to proceed under the NWP may be modified, suspended, or revoked only in accordance with the procedure set forth in 33 CFR 330.5(d)(2).

(b) Contents of Pre-Construction Notification: The PCN must be in writing and include the following information: (1) Name, address and telephone numbers of the prospective permittee; (2) Location of the proposed project; (3) A description of the proposed project; the project's purpose; direct and indirect adverse environmental effects the project would cause, including the anticipated amount of loss of water of the United States expected to result from the NWP activity, in acres, linear feet, or other appropriate unit of measure; any other NWP(s), regional general permit(s), or individual permit(s) used or intended to be used to authorize any part of the proposed project or any related activity. The description should be sufficiently detailed to allow the district engineer to determine that the adverse effects of the project will be minimal and to determine the need for compensatory mitigation. Sketches should be provided when necessary to show that the activity complies with the terms of the NWP. (Sketches usually clarify the project and when provided results in a quicker decision. Sketches should contain sufficient detail to provide an illustrative description of the proposed activity (e.g., a conceptual plan), but do not need to be detailed engineering plans); (4) The PCN must include a delineation of wetlands, other special aquatic sites, and other waters, such as lakes and ponds, and perennial, intermittent, and ephemeral streams, on the project site. Wetland delineations must be prepared in accordance with the current method required by the Corps. The permittee may ask the Corps to delineate the special aquatic sites and other waters on the

project site, but there may be a delay if the Corps does the delineation, especially if the project site is large or contains many waters of the United States. Furthermore, the 45 day period will not start until the delineation has been submitted to or completed by the Corps, as appropriate; (5) If the proposed activity will result in the loss of greater than 1/10-acre of wetlands and a PCN is required, the prospective permittee must submit a statement describing how the mitigation requirement will be satisfied, or explaining why the adverse effects are minimal and why compensatory mitigation should not be required. As an alternative, the prospective permittee may submit a conceptual or detailed mitigation plan. (6) If any listed species or designated critical habitat might be affected or is in the vicinity of the project, or if the project is located in designated critical habitat, for non-Federal applicants the PCN must include the name(s) of those endangered or threatened species that might be affected by the proposed work or utilize the designated critical habitat that may be affected by the proposed work. Federal applicants must provide documentation demonstrating compliance with the Endangered Species Act; and (7) For an activity that may affect a historic property listed on, determined to be eligible for listing on, or potentially eligible for listing on, the National Register of Historic Places, for non-Federal applicants the PCN must state which historic property may be affected by the proposed work or include a vicinity map indicating the location of the historic property. Federal applicants must provide documentation demonstrating compliance with Section 106 of the National Historic Preservation Act.

(c) Form of Pre-Construction Notification: The standard individual permit application form (Form ENG 4345) may be used, but the completed application form must clearly indicate that it is a PCN and must include all of the information required in paragraphs (b)(1) through (7) of this general condition. A letter containing the required information may also be used.

(d) Agency Coordination: (1) The district engineer will consider any comments from Federal and state agencies concerning the proposed activity's compliance with the terms and conditions of the NWP's and the need for mitigation to reduce the project's adverse environmental effects to a minimal level. (2) For all NWP activities that require pre-construction notification and result in the loss of greater than 1/2-acre of waters of the United States, for NWP 21, 29, 39, 40, 42, 43, 44, 50, 51, and 52 activities that require pre-construction notification and will result in the loss of greater than 300 linear feet of intermittent and ephemeral stream bed, and for all NWP 48 activities that require pre-construction notification, the district engineer will immediately provide (e.g., via e-mail, facsimile transmission, overnight mail, or other expeditious manner) a copy of the complete PCN to the appropriate Federal or state offices (U.S. FWS, state natural resource or water quality agency, EPA, State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Office (THPO), and, if appropriate, the NMFS). With the exception of NWP 37, these agencies will have 10 calendar days from the date the material is transmitted to telephone or fax the district engineer notice that they intend to provide substantive, site-specific comments. The comments must explain why the agency believes the adverse effects will be more than minimal. If so contacted by an agency, the district engineer will wait an additional 15 calendar days before making a decision on the pre-construction notification. The district engineer will fully consider agency comments received within the specified time frame concerning the proposed activity's compliance with the terms and conditions of the NWP's, including the need for mitigation to ensure the net adverse environmental effects to the aquatic environment of the proposed activity are minimal. The district engineer will provide no response to the resource agency, except as provided below. The district engineer will indicate in the administrative record associated with each pre-construction notification that the resource agencies' concerns were considered. For NWP 37, the emergency watershed protection and rehabilitation activity may proceed immediately in cases where there is an unacceptable hazard to life or a significant loss of property or economic hardship will occur. The district engineer will consider any comments received to decide whether the NWP 37 authorization should be modified, suspended, or revoked in accordance with the procedures at 33 CFR 330.5. (3) In cases of where the prospective permittee is not a Federal agency, the district engineer will provide a response to NMFS within 30 calendar days of receipt of any Essential Fish Habitat conservation recommendations, as required by Section 305(b)(4)(B) of the Magnuson-Stevens Fishery Conservation and Management Act. (4)

Applicants are encouraged to provide the Corps with either electronic files or multiple copies of pre-construction notifications to expedite agency coordination.

#### District Engineer's Decision

1. In reviewing the PCN for the proposed activity, the district engineer will determine whether the activity authorized by the NWP will result in more than minimal individual or cumulative adverse environmental effects or may be contrary to the public interest. For a linear project, this determination will include an evaluation of the individual crossings to determine whether they individually satisfy the terms and conditions of the NWP(s), as well as the cumulative effects caused by all of the crossings authorized by NWP. If an applicant requests a waiver of the 300 linear foot limit on impacts to intermittent or ephemeral streams or of an otherwise applicable limit, as provided for in NWPs 13, 21, 29, 36, 39, 40, 42, 43, 44, 50, 51 or 52, the district engineer will only grant the waiver upon a written determination that the NWP activity will result in minimal adverse effects. When making minimal effects determinations the district engineer will consider the direct and indirect effects caused by the NWP activity. The district engineer will also consider site specific factors, such as the environmental setting in the vicinity of the NWP activity, the type of resource that will be affected by the NWP activity, the functions provided by the aquatic resources that will be affected by the NWP activity, the degree or magnitude to which the aquatic resources perform those functions, the extent that aquatic resource functions will be lost as a result of the NWP activity (e.g., partial or complete loss), the duration of the adverse effects (temporary or permanent), the importance of the aquatic resource functions to the region (e.g., watershed or ecoregion), and mitigation required by the district engineer. If an appropriate functional assessment method is available and practicable to use, that assessment method may be used by the district engineer to assist in the minimal adverse effects determination. The district engineer may add case-specific special conditions to the NWP authorization to address site-specific environmental concerns.

2. If the proposed activity requires a PCN and will result in a loss of greater than 1/10-acre of wetlands, the prospective permittee should submit a mitigation proposal with the PCN. Applicants may also propose compensatory mitigation for projects with smaller impacts. The district engineer will consider any proposed compensatory mitigation the applicant has included in the proposal in determining whether the net adverse environmental effects to the aquatic environment of the proposed activity are minimal. The compensatory mitigation proposal may be either conceptual or detailed. If the district engineer determines that the activity complies with the terms and conditions of the NWP and that the adverse effects on the aquatic environment are minimal, after considering mitigation, the district engineer will notify the permittee and include any activity-specific conditions in the NWP verification the district engineer deems necessary. Conditions for compensatory mitigation requirements must comply with the appropriate provisions at 33 CFR 332.3(k). The district engineer must approve the final mitigation plan before the permittee commences work in waters of the United States, unless the district engineer determines that prior approval of the final mitigation plan is not practicable or not necessary to ensure timely completion of the required compensatory mitigation. If the prospective permittee elects to submit a compensatory mitigation plan with the PCN, the district engineer will expeditiously review the proposed compensatory mitigation plan. The district engineer must review the proposed compensatory mitigation plan within 45 calendar days of receiving a complete PCN and determine whether the proposed mitigation would ensure no more than minimal adverse effects on the aquatic environment. If the net adverse effects of the project on the aquatic environment (after consideration of the compensatory mitigation proposal) are determined by the district engineer to be minimal, the district engineer will provide a timely written response to the applicant. The response will state that the project can proceed under the terms and conditions of the NWP, including any activity-specific conditions added to the NWP authorization by the district engineer.

3. If the district engineer determines that the adverse effects of the proposed work are more than minimal, then the district engineer will notify the applicant either: (a) That the project does not qualify for

authorization under the NWP and instruct the applicant on the procedures to seek authorization under an individual permit; (b) that the project is authorized under the NWP subject to the applicant's submission of a mitigation plan that would reduce the adverse effects on the aquatic environment to the minimal level; or (c) that the project is authorized under the NWP with specific modifications or conditions. Where the district engineer determines that mitigation is required to ensure no more than minimal adverse effects occur to the aquatic environment, the activity will be authorized within the 45-day PCN period, with activity-specific conditions that state the mitigation requirements. The authorization will include the necessary conceptual or detailed mitigation or a requirement that the applicant submit a mitigation plan that would reduce the adverse effects on the aquatic environment to the minimal level. When mitigation is required, no work in waters of the United States may occur until the district engineer has approved a specific mitigation plan or has determined that prior approval of a final mitigation plan is not practicable or not necessary to ensure timely completion of the required compensatory mitigation.

#### Further Information

1. District Engineers have authority to determine if an activity complies with the terms and conditions of an NWP.
2. NWPs do not obviate the need to obtain other federal, state, or local permits, approvals, or authorizations required by law.
3. NWPs do not grant any property rights or exclusive privileges.
4. NWPs do not authorize any injury to the property or rights of others.
5. NWPs do not authorize interference with any existing or proposed Federal project.

#### C. CORPS SEATTLE DISTRICT REGIONAL GENERAL CONDITIONS

1. Aquatic Resources Requiring Special Protection. Activities resulting in a loss of waters of the United States in a mature forested wetland, bog, bog-like wetland, aspen-dominated wetland, alkali wetland, wetlands in a dunal system along the Washington coast, vernal pools, camas prairie wetlands, estuarine wetlands, and wetlands in coastal lagoons cannot be authorized by a NWP, except by the following NWPs:

NWP 3 – Maintenance  
NWP 20 – Oil Spill Cleanup  
NWP 32 – Completed Enforcement Actions  
NWP 38 – Cleanup of Hazardous and Toxic Waste

In order to use one of the above-referenced NWPs in any of the aquatic resources requiring special protection, you must submit a pre-construction notification to the District Engineer in accordance with Nationwide Permit General Condition 31 (Pre-Construction Notification) and obtain written approval before commencing work.

2. Commencement Bay. The following NWPs may not be used to authorize activities located in the Commencement Bay Study Area (see Figure 1 at [www.nws.usace.army.mil](http://www.nws.usace.army.mil), select Regulatory Permits then Permit Guidebook, then Nationwide Permits) requiring Department of the Army authorization:

NWP 12 – Utility Line Activities (substations)  
NWP 13 – Bank Stabilization  
NWP 14 – Linear Transportation Projects  
NWP 23 – Approved Categorical Exclusions  
NWP 29 – Residential Developments  
NWP 39 – Commercial and Institutional Developments  
NWP 40 – Agricultural Activities

NWP 41 – Reshaping Existing Drainage Ditches  
NWP 42 – Recreational Facilities  
NWP 43 – Stormwater Management Facilities

3. New Bank Stabilization Prohibition Areas in Tidal Waters of Puget Sound. Activities involving new bank stabilization in tidal waters in Water Resource Inventory Areas (WRIAs) 8, 9, 10, 11, and 12 (within the specific area identified on Figure 2 at [www.nws.usace.army.mil](http://www.nws.usace.army.mil), select Regulatory Permits then Permit Guidebook, then Nationwide Permits) cannot be authorized by a NWP.

4. Bank Stabilization. Any project including new or maintenance bank stabilization activities requires pre-construction notification to the District Engineer in accordance with Nationwide Permit General Condition 31 for Pre-Construction Notification. This requirement does not apply to maintenance work exempt by 33 CFR 323.4 (a)(2). Each notification must also include the following information:

a. Need for the work, including the cause of the erosion and the threat posed to structures, infrastructure, and/or public safety. The notification must also include a justification for the need to place fill or structures waterward of the line of the Corps' jurisdiction (typically, the ordinary high water mark or mean higher high water mark).

b. Current and expected post-project sediment movement and deposition patterns in and near the project area. In tidal waters, describe the location and size of the nearest bluff sediment sources (feeder bluffs) to the project area and current and expected post-project nearshore drift patterns in the project area.

c. Current and expected post-project habitat conditions, including the presence of fish, wildlife and plant species, submerged aquatic vegetation, spawning habitat, and special aquatic sites (e.g., vegetated shallows, riffle and pool complexes, or mudflats) in the project area.

d. In rivers and streams, an assessment of the likely impact of the proposed work on upstream, downstream and cross-stream properties (at a minimum the area assessed should extend from the nearest upstream bend to the nearest downstream bend of the watercourse). Discuss the methodology used for determining effects. The Corps reserves the right to request an increase in the reach assessment area to fully address the relevant ecological reach and associated habitat.

e. For new bank stabilization activities in rivers and streams, describe the type and length of existing bank stabilization within 300 feet up and downstream of the project area. In tidal areas, describe the type and length of existing bank stabilization within 300 feet along the shoreline on both sides of the project area.

f. Demonstrate the proposed project incorporates the least environmentally damaging practicable bank protection methods. These methods include, but are not limited to, the use of bioengineering, biotechnical design, root wads, large woody material, native plantings, and beach nourishment in certain circumstances. If rock must be used due to site erosion conditions, explain how the bank stabilization structure incorporates elements beneficial to fish. If the Corps determines you have not incorporated the least environmentally damaging practicable bank protection methods and/or have not fully compensated for impacts to aquatic resources, you must submit a compensatory mitigation plan to compensate for impacts to aquatic resources.

g. A planting plan using native riparian plant species unless the applicant demonstrates a planting plan is not appropriate or not practicable.

5. Crossings of Waters of the United States. Any project including installing, replacing, or modifying crossings of waters of the United States, such as culverts, requires pre-construction notification to the District Engineer in accordance with Nationwide Permit General Condition 31 for Pre-Construction Notification. This requirement does not apply to maintenance work exempt by 33 CFR 323.4 (a)(2). Each notification must also include the following information:

- a. Need for the crossing.
- b. Crossing design criteria and design methodology.
- c. Rationale behind using the specific design method for the crossing.

6. Cultural Resources and Human Burials. Permittees must immediately stop work and notify the District Engineer within 24 hours if, during the course of conducting authorized work, human burials, cultural resources, or historic properties, as identified by the National Historic Preservation Act, are discovered. Failure to stop work in the area of discovery until the Corps can comply with the provisions of 33 CFR 325 Appendix C, the National Historic Preservation Act, and other pertinent laws and regulations could result in a violation of state and federal laws. Violators are subject to civil and criminal penalties.

7. Essential Fish Habitat. An activity which may adversely affect essential fish habitat, as identified under the Magnuson-Stevens Fishery Conservation and Management Act (MSA), may not be authorized by NWP until essential fish habitat requirements have been met by the applicant and the Corps. Non-federal permittees shall notify the District Engineer if essential fish habitat may be affected by, or is in the vicinity of, a proposed activity and shall not begin work until notified by the District Engineer that the requirements of the essential fish habitat provisions of the MSA have been satisfied and the activity is authorized. The notification must identify the type(s) of essential fish habitat (e.g., Pacific salmon, groundfish, and/or coastal-pelagic species) managed by a Fishery Management Plan that may be affected. Information about essential fish habitat is available at [www.nwr.noaa.gov/](http://www.nwr.noaa.gov/).

8. Vegetation Protection and Restoration. Permittees must clearly mark all construction area boundaries before beginning work. The removal of native vegetation in riparian areas and wetlands, and the removal of submerged aquatic vegetation in estuarine and tidal areas must be avoided and minimized to the maximum extent practicable. Areas subject to temporary vegetation removal shall be replanted with appropriate native species by the end of the first planting season following the disturbance except as waived by the District Engineer. If an aquaculture area is permitted to impact submerged aquatic vegetation under NWP 48, the aquaculture area does not need to be replanted with submerged aquatic vegetation.

9. Access. You must allow representatives of this office to inspect the authorized activity at any time deemed necessary to ensure the work is being, or has been, accomplished in accordance with the terms and conditions of your permit.

10. Contractor Notification of Permit Requirements. The permittee must provide a copy of the nationwide permit verification letter, conditions, and permit drawings to all contractors involved with the authorized work, prior to the commencement of any work in waters of the U.S.

D. CORPS REGIONAL SPECIFIC CONDITIONS FOR THIS NWP: NONE

E. STATE 401 CERTIFICATION GENERAL CONDITIONS:

1. **For in-water construction activities.** Individual 401 review is required for projects or activities authorized under NWP that will cause, or be likely to cause or contribute to an exceedance of a State water quality standard (WAC 173-201A) or sediment management standard (WAC 173-204).

*Note: State water quality standards are posted on Ecology's website:*

*<http://www.ecy.wa.gov/programs/wq/swqs/>. Click "Surface Water Criteria" for freshwater and marine water standards. Sediment management standards are posted on Ecology's website: <http://www.ecy.wa.gov/biblio/wac173204.html>. Information is also available by contacting Ecology's Federal Permit staff.*

2. **Projects or Activities Discharging to Impaired Waters.** Individual 401 review is required for projects or activities authorized under NWP if the project or activity will occur in a 303(d) listed segment of a waterbody or upstream of a listed segment and may result in further exceedances of the specific listed parameter.

*Note: To determine if your project or activity is in a 303(d) listed segment of a waterbody, visit Ecology's Water Quality Assessment webpage for maps and search tools, <http://www.ecy.wa.gov/programs/wq/303d/2008/>. Information is also available by contacting Ecology's Federal Permit staff.*

3. **Notification.** For projects or activities that will require Individual 401 review, applicants must provide Ecology with the same documentation provided to the Corps (as described in Corps Nationwide Permit General Condition 31, Pre-Construction Notification), including, when applicable:

- (a) A description of the project, including site plans, project purpose, direct and indirect adverse environmental effects the project would cause, and any other Department of the Army permits used or intended to be used to authorize any part of the proposed project or any related activity.
- (b) Delineation of special aquatic sites and other waters of the United States. Wetland delineations must be prepared in accordance with the current method required by the Corps and shall include Ecology's Wetland Rating form. Wetland rating forms are subject to review and verification by Ecology staff.

*Note: Wetland rating forms are available on Ecology's Wetlands website:*

*<http://www.ecy.wa.gov/programs/sea/wetlands/ratingsystems> or by contacting Ecology's Federal Permit staff.*

- (c) A statement describing how the mitigation requirement will be satisfied. A conceptual or detailed mitigation or restoration plan may be submitted.

Mitigation plans submitted for Ecology review and approval shall be based on the guidance provided in Wetland Mitigation in Washington State, Parts 1 and 2 (Ecology Publications #06-06-011a and #06-06-011b).

- (d) Coastal Zone Management Program "Certification of Consistency" Form if the project is located within a coastal county (Clallam, Grays Harbor, Island, Jefferson, King, Kitsap, Mason, Pacific, Pierce, San Juan, Skagit, Snohomish, Thurston, Wahkiakum, and Whatcom counties).

*Note: CZM Certification of Consistency forms are available on Ecology's Federal Permit website: <http://www.ecy.wa.gov/programs/sea/fed-permit/index.html> or by contacting Ecology's Federal Permit staff.*

- (e) Other applicable requirements of Corps Nationwide Permit General Condition 31, Corps Regional Conditions, or notification conditions of the applicable NWP.

*Note: Ecology has 180 days from receipt of applicable documents noted above **and** a copy of the final authorization letter from the Corps providing coverage for a proposed project or activity under the NWP Program to issue a WQC and CZM consistency determination response. If more than 180 days pass after Ecology's receipt of these documents, your requirement to obtain an individual WQC and CZM consistency determination response becomes waived.*

4. **Aquatic resources requiring special protection.** Certain aquatic resources are unique, difficult-to-replace components of the aquatic environment in Washington State. Activities that would affect these resources must be avoided to the greatest extent possible. Compensating for adverse impacts to high value aquatic resources is typically difficult, prohibitively expensive, and may not be possible in some landscape settings.

Individual 401 review is required for activities in or affecting the following aquatic resources (and not prohibited by Regional Condition 1):

- (a) Wetlands with special characteristics (as defined in the Washington State Wetland Rating Systems for western and eastern Washington, Ecology Publications #04-06-025 and #04-06-015):

- Estuarine wetlands
- Natural Heritage wetlands
- Bogs
- Old-growth and mature forested wetlands
- Wetlands in coastal lagoons
- Interdunal wetlands
- Vernal pools
- Alkali wetlands

- (b) Fens, aspen-dominated wetlands, camas prairie wetlands, and marine water with eelgrass (*Zostera marina*) beds (except for NWP 48).

- (c) Category I wetlands

- (d) Category II wetlands with a habitat score  $\geq 29$  points. This State General Condition does not apply to the following Nationwide Permits:

NWP 20 – Response Operations for Oil and Hazardous Substances  
NWP 32 – Completed Enforcement Actions

5. **Mitigation.** For projects requiring Individual 401 review, adequate compensatory mitigation must be provided for wetland and other water quality-related impacts of projects or activities authorized under the NWP Program.

- (a) Mitigation plans submitted for Ecology review and approval shall be based on the guidance provided in Wetland Mitigation in Washington State, Parts 1 and 2 (Ecology Publications #06-06-011a and #06-06-011b) and shall, at a minimum, include the following:

- i. A description of the measures taken to avoid and minimize impacts to wetlands and other waters of the U.S.
- ii. The nature of the proposed impacts (i.e., acreage of wetlands and functions lost or degraded)
- iii. The rationale for the mitigation site that was selected
- iv. The goals and objectives of the compensatory mitigation project
- v. How the mitigation project will be accomplished, including construction sequencing, best management practices to protect water quality, proposed performance standards for measuring success and the proposed buffer widths
- vi. How it will be maintained and monitored to assess progress towards goals and objectives. Monitoring will generally be required for a minimum of five years. For forested and scrub-shrub wetlands, 10 years of monitoring will often be necessary.
- vii. How the compensatory mitigation site will be legally protected for the long term.

Refer to Wetland Mitigation in Washington State – Part 2: Developing Mitigation Plans (Ecology Publication #06-06-011b) for guidance on developing mitigation plans.

Ecology encourages the use of alternative mitigation approaches, including advance mitigation and other programmatic approaches such as mitigation banks and programmatic mitigation areas at the local level. If you are interested in proposing use of an alternative mitigation approach, consult with the appropriate Ecology regional staff person. (see <http://www.ecy.wa.gov/programs/sea/wetlands/contacts.htm>)

Information on the state wetland mitigation banking program is available on Ecology's website: <http://www.ecy.wa.gov/programs/sea/wetlands/mitigation/banking/index.html>

6. **Temporary Fills.** Individual 401 review is required for any project or activity with temporary fill in wetlands or other waters of the State for more than 90 days, unless the applicant has received written approval from Ecology.

*Note: This State General Condition does not apply to projects or activities authorized under NWP 33, Temporary Construction, Access, and Dewatering*

7. **Stormwater discharge pollution prevention:** All projects that involve land disturbance or impervious surfaces must implement prevention or control measures to avoid discharge of pollutants in stormwater runoff to waters of the state. For land disturbances during construction, the permittee must obtain and implement permits where required and follow Ecology's current stormwater manual.

*Note: Stormwater permit information is available at Ecology's Water Quality website:*

*<http://www.ecy.wa.gov/programs/wq/stormwater/index.html>. Ecology's Stormwater Management and Design Manuals are available at:*

*<http://www.ecy.wa.gov/programs/wq/stormwater/municipal/StrmwtrMan.html>. Information is also available by contacting Ecology's Federal Permit staff.*

8. **State Certification for PCNs not receiving 45-day response.** In the event the U.S. Army Corps of Engineers does not respond to a complete pre-construction notification within 45 days, the applicant must contact Ecology for Individual 401 review.

F. STATE 401 CERTIFICATION SPECIFIC CONDITIONS FOR THIS NWP:

Certified, subject to conditions. Permittee must meet Ecology 401 General Conditions. Individual 401 review is required for projects or activities authorized under this NWP if:

1. The project or activities are below the OHWM with new work being proposed outside the original footprint.
2. The proposed project or activity increases the original footprint of the structure by more than 1/10<sup>th</sup> acre in wetlands. Note 1: "Original footprint" refers to the configuration of the structure or filled area within the last two years. Note 2: This may include causing surrounding wetlands to be drained.
3. The project or activity includes adding a new structure, such as a weir, flap gate/tide gate, or culvert to the site.

G. EPA 401 CERTIFICATION GENERAL CONDITIONS:

A. Any activities in the following types of wetlands and waters of the United States will need to apply for an individual 401 certification: Mature forested wetlands, bogs, bog-like wetlands, wetlands in dunal systems along the Washington coast, coastal lagoons, vernal pools, aspen-dominated wetlands, alkali wetlands, camas prairie wetlands, estuarine wetlands, including salt marshes, and marine waters with eelgrass or kelp beds.

B. A 401 certification determination is based on the project or activity meeting established turbidity levels. The EPA will be using as guidance the state of Washington's water quality standards [WAC 173-201a] and sediment quality standards [WAC 173-204]. Projects or activities that are expected to exceed these levels or that do exceed these levels will require an individual 401 certification.

The water quality standards allow for short-term turbidity exceedances after all necessary Best Management Practices have been implemented (e.g., properly placed and maintained filter fences, hay bales and/or other erosion control devices, adequate detention of runoff to prevent turbid water from flowing off-site, providing a vegetated buffer between the activity and open water, etc.), and only up to the following limits:

| Wetted Stream Width at Discharge Point | Approximate Downstream Point for Determining Compliance |
|--|---|
| Up to 30 feet                          | 50 feet   |
| >30 to 100 feet                        | 100 feet  |
| >100 feet to 200 feet                  | 200 feet  |
| >200 feet                              | 300 feet  |
| LAKE, POND, RESERVOIR                  | Lesser of 100 feet or maximum surface dimension         |

C. 401 certification of projects and activities under NWPs will use Washington State Department of Ecology's most recent stormwater manual or an EPA approved equivalent manual as guidance in meeting water quality standards.

D. For projects and activities requiring coverage under an NPDES permit, certification is based on compliance with the requirements of that permit. Projects and activities not in compliance with NPDES requirements will require individual 401 certification.

E. Individual 401 certification is required for projects or activities authorized under NWP's if the project will discharge to a waterbody on the list of impaired waterbodies (the 303(d) List) and the discharge may result in further exceedance of a specific parameter the waterbody is listed for. The EPA shall make this determination on a case-by-case basis.

For projects or activities that will discharge to a 303(d)-listed waterbody that does not have an approved Total Maximum Daily Load (TMDL) or an approved water quality management plan, the applicant must provide documentation for EPA approval showing that the discharge will not result in further exceedance of the listed contaminant or impairment.

For projects or activities that will discharge to a 303(d)-listed waterbody that does not have an approved TMDL, the applicant must provide documentation for EPA approval showing that the discharge is within the limits established in the TMDL. The current list of 303(d)-listed waterbodies in Washington State will be consulted in making this determination and is available on Ecology's web site at: [www.ecy.wa.gov/programs/wq/303d/2012/index.html](http://www.ecy.wa.gov/programs/wq/303d/2012/index.html)

The EPA may issue 401 certification for projects or activities that would result in further exceedance or impairment if mitigation is provided that would result in a net decrease in listed contaminants or less impairment in the waterbody. This determination would be made during individual 401 certification review.

F. For projects requiring individual 401 certification, applicants must provide the EPA with the same documentation provided to the Corps, (as described in Corps' National General Condition 31, Pre-Construction Notification), including, when applicable:

- (a) A description of the project, including site plans, project purpose, direct and indirect adverse environmental effects the project would cause, any other U.S. Department of the Army permits used or intended to use to authorize any part of the proposed project or any related activity.
- (b) Delineation of special aquatic sites and other waters of the United States. Wetland delineations must be prepared in accordance with the current method required by the Corps.
- (c) A statement describing how the mitigation requirement will be satisfied. A conceptual or detailed mitigation or restoration plan may be submitted.
- (d) Other applicable requirements of Corps National General Condition 31, Corps Regional Conditions, or notification conditions of the applicable NWP.

A request for individual 401 certification- review is not complete until the EPA receives the applicable documents noted above and the EPA has received a copy of the final authorization letter from the Corps providing coverage for a proposed project or activity under the NWP Program.

G. No activity, including structures and work in navigable waters of the United States or discharges of dredged or fill material, may consist of unsuitable material (e.g., trash, debris, car bodies, asphalt, etc.) and material used for construction or discharged must be free from toxic pollutants in toxic amounts (see Section 307 of the Clean Water Act).

H. An individual 401 certification is based on adequate compensatory mitigation being provided for aquatic resource and other water quality-related impacts of projects or activities authorized under the NWP Program.

A 401 certification is contingent upon written approval from the EPA of the compensatory mitigation plan for projects and activities resulting in any of the following:

- impacts to any aquatic resources requiring special protection (as defined in EPA General Condition A or Corps General Regional Condition 1)
- any impacts to tidal waters or non-tidal waters adjacent to tidal waters (applies to NWP 14)
- Or, any impacts to aquatic resources greater than ¼ acre.

Compensatory mitigation plans submitted to the EPA shall be based on the Joint Agency guidance provided in *Wetland Mitigation in Washington State, Parts 1 and 2* (Ecology Publication #06-06-011a and #06-06-011b) and shall, at a minimum, include the following:

- (1) A description of the measures taken to avoid and minimize impacts to wetlands and other waters of the U.S.
- (2) The nature of the proposed impacts (i.e., acreage of wetlands and functions lost or degraded)
- (3) The rationale for the mitigation site that was selected
- (4) The goals and objectives of the compensatory mitigation project
- (5) How the mitigation project will be accomplished, including proposed performance standards for measuring success (including meeting planting success standard of 80 percent survival after five years), evidence for hydrology at the mitigation site, and the proposed buffer widths;
- (6) How it will be maintained and monitored to assess progress towards goals and objectives.
- (7) Completion and submittal of an “as-built conditions report” upon completion of grading, planting and hydrology establishment at the mitigation site;
- (8) Completion and submittal of monitoring reports at years 3 and 5 showing the results of monitoring for hydrology, vegetation types, and aerial cover of vegetation.
- (9) For forested and scrub-shrub wetlands, 10 years of monitoring will often be necessary.
- (10) Documentation of legal site protection mechanism (covenant or deed restriction) to show how the compensatory mitigation site will be legally protected for the long-term.

I. An individual 401 certification is required for any activity where temporary fill will remain in wetlands or other waterbodies for more than 90 days. The 90 day period begins when filling activity starts in the wetland or other waterbody.

J. An individual 401 is required for any proposed project or activity in waterbodies on the most current list of the following Designated Critical Resource Waters (per Corps General Condition 22).

K. An individual 401 certification is required for any proposed project that would increase permanent, above-grade fill within the 100-year floodplain (including the floodway and the flood fringe).

[*Note:* The 100-year floodplain is defined as those areas identified as Zones A, A1-30, AE, AH, AO, A99, V, V1-30, and VE on the most current Federal Emergency Management Agency Flood Rate Insurance Maps, or areas identified as within the 100-year floodplain on applicable local Flood Management Program maps. The 100-year flood is also known as the flood with a 100-year recurrence interval, or as the flood with an exceedance probability of 0.01.]

H. EPA 401 CERTIFICATION SPECIFIC CONDITIONS FOR THIS NWP:

Partially denied without prejudice. Permittee must meet EPA 401 General Conditions. An individual 401 certification is required for projects authorized under this NWP if:

1. The project or activity would extend beyond the original project footprint (either along the shoreline or below MHHW or OHWM), or
2. Any activity requiring excavation or dredging in open water.

I. COASTAL ZONE MANAGEMENT CONSISTENCY RESPONSE FOR THIS NWP:

Concur, subject to the following condition: When individual 401 review is triggered, a CZM Certificate of Consistency form must be submitted for project located within the 15 coastal counties (See State General 401 Condition 3 (Notification)).



# **TEMPORARY EROSION SEDIMENT CONTROL PLAN NARRATIVE**

Hatley Bridge Rehabilitation  
County Road Bridge Project No. 9010-05.19(9)

Federal Aid No.: BHS-38BR(002)

Whitman County Public Works

Planned for Summer of 2015

County Engineer:  
W. Mark Storey, P.E.

## **Purpose of Narrative**

This Temporary Erosion Sediment Control (TESC) Plan is designed to establish when, where, and how specific best management practices (BMP's) will be implemented to prevent erosion and the transport of sediment from and on the project site during construction. Due to the unpredictable nature of weather and construction conditions, the TESC plan is a “living document” and is subject to additions and modifications to successfully prevent erosion throughout construction. It also allows Whitman County to meet its internal policy as well as construction permit requirements by having a printed copy of the plan on the construction site for agency review.

Should field conditions during construction require additional BMP's or changes to the temporary BMP's, this plan shall be jointly modified by the Contractor's Onsite Representative, Erosion Sediment Control (ESC) Lead, Whitman County Onsite Representative, and submitted to the Whitman County Engineer for approval. During active work, the Contractor shall keep the TESC Plan and BMP inspection reports on site. When construction activity is complete Whitman County shall retain the TESC Plan, inspection reports, and all other reports required by the contract.

## **Location of Project**

The project is located on County Road No. 9010 from milepost 5.15± to milepost 5.27± in Section 3, Township 13 North, Range 44 East, W.M. approximately 6 miles southwest of Pullman, Washington.

## **Description of Work**

This contract provides for the rehabilitation of Hatley Bridge. The work will consist of replacing the existing deck with a 30 foot wide, 120 foot long prestressed precast bulb t concrete girder deck, installation of a tie back anchor system, guardrail and grading, draining, embankment and surfacing of the bridge approaches, all in accordance with the attached Contract Plans, these Contract Provisions and the Standard Specifications.

## **TESC Element 1: Mark Clearing Limits**

Risk Analysis: Low risk - Drainage Banks are covered by TESC Element 4 &6.  
BMPs Identified: Silt Fence.

## **TESC Element 2: Establish Construction Access**

Risk Analysis: Low Risk. – Access is via a closed portion of a paved road that is closed to all but construction traffic. Through traffic will be detoured away from the construction activity.  
BMPs Identified: n/a

### **TESC Element 3: Control Flow Rates**

Risk Analysis: n/a  
BMPs Identified: n/a

### **TESC Element 4: Install Sediment Controls**

Risk Analysis: High risk of soil transport if a rain or high water event occurs during the construction on the unprotected banks, but there is low risk of rain/high water event as construction is during dry season, and banks will be protected relatively early in the project by Riprap.  
BMPs Identified: Silt Fence.

### **TESC Element 5: Stabilize Soils**

Risk Analysis: Low Risk - Sloped areas will be stabilized by seeding.  
BMPs Identified: Seeding

### **TESC Element 6: Protect Slopes**

Risk Analysis: High risk of soil transport if a rain or high water event occurs during the construction on the unprotected banks, but there is low risk of rain/high water event as construction is during dry season, and banks will be protected relatively early in the project by Riprap.  
BMPs Identified: Riprap

### **TESC Element 7: Protect Drain Inlets**

Risk Analysis: n/a  
BMPs Identified: n/a

### **TESC Element 8: Stabilize Channels and Outlets**

Risk Analysis: n/a  
BMPs Identified: n/a

### **TESC Element 9: Control Pollutants [1-07.15(1)]**

Risk Analysis: Very Low Risk – Both HPA and SPCC are required and address pollutant control.  
BMPs Identified: HPA and SPCC

### **TESC Element 10: Control Dewatering [8-01.3(1)]**

Risk Analysis: n/a  
BMPs Identified: n/a

**TESC Element 11: Maintain BMPs [8-01.3(15)]**

Risk Analysis: Very Low Risk - Construction during dry season and an ESC Lead is required.  
BMPs Identified: ESC Lead

**TESC Element 12: Manage the Project [1-07.5(2); 8-01.3(1)B]**

Risk Analysis: Very Low Risk - Construction during dry season and an ESC Lead is required.  
BMPs Identified: ESC Lead

# APPENDIX C



General Decision Number: WA140001 10/17/2014 WA1

Superseded General Decision Number: WA20130001

State: Washington

Construction Type: Highway

Counties: Washington Statewide.

HIGHWAY (Excludes D.O.E. Hanford Site in Benton and Franklin Counties)

| Modification Number | Publication Date |
|---------------------|------------------|
| 0                   | 01/03/2014       |
| 1                   | 01/17/2014       |
| 2                   | 01/24/2014       |
| 3                   | 02/07/2014       |
| 4                   | 02/21/2014       |
| 5                   | 03/14/2014       |
| 6                   | 04/25/2014       |
| 7                   | 05/23/2014       |
| 8                   | 06/06/2014       |
| 9                   | 06/13/2014       |
| 10                  | 06/20/2014       |
| 11                  | 07/04/2014       |
| 12                  | 07/11/2014       |
| 13                  | 07/18/2014       |
| 14                  | 07/25/2014       |
| 15                  | 08/01/2014       |
| 16                  | 09/12/2014       |
| 17                  | 10/17/2014       |

CARP0001-008 06/01/2013

Rates Fringes

Carpenters:

COLUMBIA RIVER AREA - ADAMS, BENTON, COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, FRANKLIN, GRANT, OKANOGAN (EAST OF THE 120TH MERIDIAN) AND WALLA WALLA COUNTIES

|               |          |       |
|---------------|----------|-------|
| GROUP 1:..... | \$ 30.66 | 12.87 |
| GROUP 2:..... | \$ 31.56 | 12.87 |
| GROUP 3:..... | \$ 31.64 | 12.87 |
| GROUP 4:..... | \$ 31.64 | 12.87 |
| GROUP 5:..... | \$ 62.58 | 12.87 |
| GROUP 6:..... | \$ 30.29 | 12.87 |
| GROUP 7:..... | \$ 31.29 | 12.87 |
| GROUP 8:..... | \$ 28.54 | 12.87 |
| GROUP 9:..... | \$ 30.29 | 12.87 |

SPOKANE AREA: ASOTIN, GARFIELD, LINCOLN, PEND OREILLE, SPOKANE, STEVENS AND WHITMAN COUNTIES

|               |          |       |
|---------------|----------|-------|
| GROUP 1:..... | \$ 30.66 | 12.87 |
| GROUP 2:..... | \$ 31.56 | 12.87 |
| GROUP 3:..... | \$ 31.64 | 12.87 |
| GROUP 4:..... | \$ 31.64 | 12.87 |
| GROUP 5:..... | \$ 70.78 | 12.87 |
| GROUP 6:..... | \$ 32.64 | 12.87 |
| GROUP 7:..... | \$ 35.39 | 12.87 |
| GROUP 8:..... | \$ 34.39 | 12.87 |
| GROUP 9:..... | \$ 34.39 | 12.87 |

CARPENTER & DIVER CLASSIFICATIONS:

- GROUP 1: Carpenter
- GROUP 2: Millwright, machine erector
- GROUP 3: Piledriver - includes driving, pulling, cutting, placing collars, setting, welding, or creosote treated material, on all piling
- GROUP 4: Bridge carpenters
- GROUP 5: Diver Wet
- GROUP 6: Diver Tender, Manifold Operator, ROV Operator
- GROUP 7: Diver Standby, Bell/Vehicle or Submersible operator Not Under Pressure
- GROUP 8: Assistant Tender, ROV Tender/Technician
- GROUP 9: Manifold Operator-Mixed Gas

ZONE PAY:

|        |                |                 |
|--------|----------------|-----------------|
| ZONE 1 | 0-40 MILES     | FREE            |
| ZONE 2 | 41-65 MILES    | \$2.25/PER HOUR |
| ZONE 3 | 66-100 MILES   | \$3.25/PER HOUR |
| ZONE 4 | OVER 100 MILES | \$4.75/PER HOUR |

DISPATCH POINTS:

CARPENTERS/MILLWRIGHTS: PASCO (515 N Neel Street) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS/PILEDRIIVER: SPOKANE (127 E. AUGUSTA AVE.) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS: WENATCHEE (27 N. CHELAN) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS: COEUR D' ALENE (1839 N. GOVERNMENT WAY) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS: MOSCOW (302 N. JACKSON) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

DEPTH PAY FOR DIVERS BELOW WATER SURFACE:

50-100 feet \$2.00 per foot
101-150 feet \$3.00 per foot
151-220 feet \$4.00 per foot
221 feet and deeper \$5.00 per foot

PREMIUM PAY FOR DIVING IN ENCLOSURES WITH NO VERTICAL ASCENT:

0-25 feet Free
26-300 feet \$1.00 per Foot

SATURATION DIVING:

The standby rate applies until saturation starts. The saturation diving rate applies when divers are under pressure continuously until work task and decompression are complete. the diver rate shall be paid for all saturation hours.

WORK IN COMBINATION OF CLASSIFICATIONS:

Employees working in any combination of classifications within the diving crew (except dive supervisor) in a shift are paid in the classification with the highest rate for that shift.

HAZMAT PROJECTS:

Anyone working on a HAZMAT job (task), where HAZMAT certification is required, shall be compensated at a premium, in addition to the classification working in as follows:

LEVEL D + \$.25 per hour - This is the lowest level of protection. No respirator is used and skin protection is minimal.

LEVEL C + \$.50 per hour - This level uses an air purifying respirator or additional protective clothing.

LEVEL B + \$.75 per hour - Uses same respirator protection as Level A. Supplied air line is provided in conjunction with a chemical "splash suit".

LEVEL A +\$1.00 per hour - This level utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line.

-----

CARP0003-006 10/01/2011

SOUTHWEST WASHINGTON: CLARK, COWLITZ, KLICKITAT, LEWIS(Piledriver only), PACIFIC (South of a straight line made by extending the north boundary line of Wahkiakum County west to Willapa Bay to the Pacific Ocean), SKAMANIA AND WAHAKIUM COUNTIES and INCLUDES THE ENTIRE PENINSULA WEST OF WILLAPA BAY

SEE ZONE DESCRIPTION FOR CITIES BASE POINTS

ZONE 1:

Table with 3 columns: Job Title, Rates, Fringes. Includes Carpenters, Divers Tenders, Divers, Drywall, Millwrights, Piledrivers.

DEPTH PAY:

50 TO 100 FEET \$1.00 PER FOOT OVER 50 FEET
101 TO 150 FEET \$1.50 PER FOOT OVER 101 FEET
151 TO 200 FEET \$2.00 PER FOOT OVER 151 FEET

Zone Differential (Add up Zone 1 rates):

Zone 2 - \$0.85
Zone 3 - 1.25
Zone 4 - 1.70
Zone 5 - 2.00
Zone 6 - 3.00

BASEPOINTS: ASTORIA, LONGVIEW, PORTLAND, THE DALLES, AND VANCOUVER, (NOTE: All dispatches for Washington State Counties: Cowlitz, Wahkiakum and Pacific shall be from Longview Local #1707 and mileage shall be computed from that point.)

- ZONE 1: Projects located within 30 miles of the respective city hall of the above mentioned cities
ZONE 2: Projects located more than 30 miles and less than 40 miles of the respective city of the above mentioned cities
ZONE 3: Projects located more than 40 miles and less than 50 miles of the respective city of the above mentioned cities
ZONE 4: Projects located more than 50 miles and less than 60 miles of the respective city of the above mentioned cities.
ZONE 5: Projects located more than 60 miles and less than 70 miles of the respective city of the above mentioned cities
ZONE 6: Projects located more than 70 miles of the respected city of the above mentioned cities

-----

\* CARP0770-003 07/01/2014

|   | Rates    | Fringes |
|---|----------|---------|
| CARPENTER   |          |         |
| CENTRAL WASHINGTON:   |          |         |
| CHELAN, DOUGLAS (WEST OF THE 120TH MERIDIAN), KITTITAS, OKANOGAN (WEST OF THE 120TH MERIDIAN) AND YAKIMA COUNTIES |          |         |
| CARPENTERS ON CREOSOTE  |          |         |
| MATERIAL.....   | \$ 38.78 | 13.64   |
| CARPENTERS.....   | \$ 38.68 | 13.64   |
| DIVERS TENDER.....  | \$ 39.15 | 13.64   |
| DIVERS.....   | \$ 87.20 | 13.64   |
| MILLWRIGHT AND MACHINE  |          |         |
| ERECTORS.....   | \$ 39.78 | 13.64   |
| PILEDRIIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CRESOTE TREATED                      |          |         |
| MATERIAL, ALL PILING.....   | \$ 38.93 | 13.64   |

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - ALL CLASSIFICATIONS EXCEPT MILLWRIGHTS AND PILEDRIIVERS)

Hourly Zone Pay shall be paid on jobs located outside of the free zone computed from the city center of the following listed cities:

|                  |              |              |
|------------------|--------------|--------------|
| Seattle          | Olympia      | Bellingham   |
| Auburn           | Bremerton    | Anacortes    |
| Renton           | Shelton      | Yakima       |
| Aberdeen-Hoquiam | Tacoma       | Wenatchee    |
| Ellensburg       | Everett      | Port Angeles |
| Centralia        | Mount Vernon | Sunnyside    |
| Chelan           | Pt. Townsend |              |

Zone Pay:

|                      |             |
|----------------------|-------------|
| 0 -25 radius miles   | Free        |
| 26-35 radius miles   | \$1.00/hour |
| 36-45 radius miles   | \$1.15/hour |
| 46-55 radius miles   | \$1.35/hour |
| Over 55 radius miles | \$1.55/hour |

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - MILLWRIGHT AND PILEDRIIVER ONLY)

Hourly Zone Pay shall be computed from Seattle Union Hall, Tacoma City center, and Everett City center

Zone Pay:

|                      |             |
|----------------------|-------------|
| 0 -25 radius miles   | Free        |
| 26-45 radius miles   | \$ .70/hour |
| Over 45 radius miles | \$1.50/hour |

WA140001 Modification 17  
Federal Wage Determinations for Highway Construction

-----  
\* CARP0770-006 06/01/2014

|  | Rates    | Fringes |
|--|----------|---------|
| CARPENTER  |          |         |
| WESTERN WASHINGTON:  |          |         |
| CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS (excludes piledrivers only), MASON, PACIFIC (North of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES |          |         |
| BRIDGE CARPENTERS.....   | \$ 38.68 | 13.64   |
| CARPENTERS ON CREOSOTE   |          |         |
| MATERIAL.....  | \$ 38.78 | 13.64   |
| CARPENTERS.....  | \$ 38.68 | 13.64   |
| DIVERS TENDER.....   | \$ 39.15 | 13.64   |
| DIVERS.....  | \$ 87.20 | 13.64   |
| MILLWRIGHT AND MACHINE   |          |         |
| ERECTORS.....  | \$ 39.78 | 13.64   |
| PILEDRIIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CRESOTE TREATED   |          |         |
| MATERIAL, ALL PILING.....  | \$ 38.93 | 13.64   |

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - ALL CLASSIFICATIONS EXCEPT MILLWRIGHTS AND PILEDRIIVERS)

Hourly Zone Pay shall be paid on jobs located outside of the free zone computed from the city center of the following listed cities:

|                  |              |              |
|------------------|--------------|--------------|
| Seattle          | Olympia      | Bellingham   |
| Auburn           | Bremerton    | Anacortes    |
| Renton           | Shelton      | Yakima       |
| Aberdeen-Hoquiam | Tacoma       | Wenatchee    |
| Ellensburg       | Everett      | Port Angeles |
| Centralia        | Mount Vernon | Sunnyside    |
| Chelan           | Pt. Townsend |              |

Zone Pay:

|                      |             |
|----------------------|-------------|
| 0 -25 radius miles   | Free        |
| 26-35 radius miles   | \$1.00/hour |
| 36-45 radius miles   | \$1.15/hour |
| 46-55 radius miles   | \$1.35/hour |
| Over 55 radius miles | \$1.55/hour |

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - MILLWRIGHT AND PILEDRIIVER ONLY)

Hourly Zone Pay shall be computed from Seattle Union Hall, Tacoma City center, and Everett City center

Zone Pay:

|                      |             |
|----------------------|-------------|
| 0 -25 radius miles   | Free        |
| 26-45 radius miles   | \$ .70/hour |
| Over 45 radius miles | \$1.50/hour |

WA140001 Modification 17  
Federal Wage Determinations for Highway Construction

-----  
 ELEC0046-001 02/04/2013

CALLAM, JEFFERSON, KING AND KITSAP COUNTIES

|                    | Rates    | Fringes  |
|--------------------|----------|----------|
| CABLE SPLICER..... | \$ 46.87 | 3%+15.96 |
| ELECTRICIAN.....   | \$ 42.61 | 3%+15.96 |

-----  
 ELEC0048-003 01/01/2014

CLARK, KLICKITAT AND SKAMANIA COUNTIES

|                    | Rates    | Fringes |
|--------------------|----------|---------|
| CABLE SPLICER..... | \$ 42.63 | 19.11   |
| ELECTRICIAN.....   | \$ 38.75 | 19.11   |

HOURLY ZONE PAY:

Hourly Zone Pay shall be paid on jobs located outside of the free zone computed from the city center of the following listed cities:

Portland, The Dalles, Hood River, Tillamook, Seaside and Astoria

Zone Pay:

- Zone 1: 31-50 miles \$1.50/hour
- Zone 2: 51-70 miles \$3.50/hour
- Zone 3: 71-90 miles \$5.50/hour
- Zone 4: Beyond 90 miles \$9.00/hour

\*These are not miles driven. Zones are based on Delorme Street Atlas USA 2006 plus.

-----  
 ELEC0048-029 01/01/2014

COWLITZ AND WAHIAKUM COUNTY

|                    | Rates    | Fringes |
|--------------------|----------|---------|
| CABLE SPLICER..... | \$ 42.63 | 19.11   |
| ELECTRICIAN.....   | \$ 38.75 | 19.11   |

-----  
 \* ELEC0073-001 08/02/2014

ADAMS, FERRY, LINCOLN, PEND OREILLE, SPOKANE, STEVENS, WHITMAN COUNTIES

|                    | Rates    | Fringes |
|--------------------|----------|---------|
| CABLE SPLICER..... | \$ 33.00 | 16.25   |
| ELECTRICIAN.....   | \$ 30.00 | 16.25   |

WA140001 Modification 17  
 Federal Wage Determinations for Highway Construction

ELEC0076-002 09/01/2014

GRAYS HARBOR, LEWIS, MASON, PACIFIC, PIERCE, AND THURSTON COUNTIES

|                    | Rates    | Fringes |
|--------------------|----------|---------|
| CABLE SPLICER..... | \$ 37.94 | 23.36   |
| ELECTRICIAN.....   | \$ 34.49 | 23.36   |

-----  
 ELEC0112-005 06/01/2014

ASOTIN, BENTON, COLUMBIA, FRANKLIN, GARFIELD, KITTITAS, WALLA WALLA, YAKIMA COUNTIES

|                    | Rates    | Fringes |
|--------------------|----------|---------|
| CABLE SPLICER..... | \$ 39.95 | 17.88   |
| ELECTRICIAN.....   | \$ 38.05 | 17.82   |

-----  
 ELEC0191-003 06/01/2013

ISLAND, SAN JUAN, SNOHOMISH, SKAGIT AND WHATCOM COUNTIES

|                    | Rates    | Fringes |
|--------------------|----------|---------|
| CABLE SPLICER..... | \$ 42.91 | 17.39   |
| ELECTRICIAN.....   | \$ 39.01 | 17.39   |

-----  
 ELEC0191-004 07/01/2013

CHELAN, DOUGLAS, GRANT AND OKANOGAN COUNTIES

|                    | Rates    | Fringes |
|--------------------|----------|---------|
| CABLE SPLICER..... | \$ 39.50 | 17.30   |
| ELECTRICIAN.....   | \$ 35.91 | 17.30   |

WA140001 Modification 17  
 Federal Wage Determinations for Highway Construction

ENGI0302-003 06/01/2014

CHELAN (WEST OF THE 120TH MERIDIAN), CLALLAM, DOUGLAS (WEST OF THE 120TH MERIDIAN), GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, KITTITAS, MASON, OKANOGAN (WEST OF THE 120TH MERIDIAN), SAN JUNA, SKAGIT, SNOHOMISH, WHATCOM AND YAKIMA (WEST OF THE 120TH MERIDIAN) COUNTIES

PROJECTS: CATEGORY A PROJECTS (EXCLUDES CATEGORY B PROJECTS, AS SHOWN BELOW)

Zone 1 (0-25 radius miles):

|                            | Rates    | Fringes |
|----------------------------|----------|---------|
| Power equipment operators: |          |         |
| Group 1A.....              | \$ 38.39 | 17.39   |
| Group 1AA.....             | \$ 38.96 | 17.39   |
| Group 1AAA.....            | \$ 39.52 | 17.39   |
| Group 1.....               | \$ 37.84 | 17.39   |
| Group 2.....               | \$ 37.35 | 17.39   |
| Group 3.....               | \$ 36.93 | 17.39   |
| Group 4.....               | \$ 34.57 | 17.39   |

Zone Differential (Add to Zone 1 rates):

Zone 2 (26-45 radius miles) - \$1.00

Zone 3 (Over 45 radius miles) - \$1.30

BASEPOINTS: Aberdeen, Bellingham, Bremerton, Everett, Kent, Mount Vernon, Port Angeles, Port Townsend, Seattle, Shelton, Wenatchee, Yakima

#### POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1AAA - Cranes-over 300 tons, or 300 ft of boom (including jib with attachments)

GROUP 1AA - Cranes 200 to 300 tons, or 250 ft of boom (including jib with attachments); Tower crane over 175 ft in height, base to boom

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 100 tons and over; Tower crane up to 175 ft in height base to boom; Loaders-overhead, 8 yards and over; Shovels, excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons, under 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 45 tons thru 99 tons; Derricks on building work; Excavator, shovel, backhoes over 3 yards and under 6 yards; Hard tail end dump articulating off-road equipment 45 yards and over; Loader- overhead 6 yards to, but not including 8 yards; Mucking machine, mole, tunnel, drill and/or shield; Quad 9, HD 41, D-10; Remote control operator on rubber tired earth moving equipment; Rollagon; Scrapers-self propelled 45 yards and over; Slipform pavers; Transporters, all truck or track type

WA140001 Modification 17  
Federal Wage Determinations for Highway Construction

GROUP 2 - Barrier machine (zipper); Batch Plant Operator-Concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-overhead, bridge type-20 tons through 44 tons; Chipper; Concrete Pump-truck mount with boom attachment; Crusher; Deck Engineer/Deck Winches (power); Drilling machine; Excavator, shovel, backhoe-3yards and under; Finishing Machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Horizontal/directional drill operator; Loaders-overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics-all; Mixers-asphalt plant; Motor patrol graders-finishing; Piledriver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar Green; Scraper-self propelled, hard tail end dump, articulating off-road equipment-under 45 yards; Subgrade trimmer; Tractors, backhoes-over 75 hp; Transfer material service machine-shuttle buggy, blaw knox-roadtec; Truck crane oiler/driver-100 tons and over; Truck Mount portable conveyor; Yo Yo Pay dozer

GROUP 3 - Conveyors; Cranes-thru 19 tons with attachments; A-frame crane over 10 tons; Drill oilers-auger type, truck or crane mount; Dozers-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loader-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler- asphalt, crusher; Pumps-concrete; Roller, plant mix or multi-lift materials; Saws-concrete; Scrpers-concrete and carry-all; Service engineer-equipment; Trenching machines; Truck Crane Oiler/Driver under 100 tons; Tractors, backhoe 75 hp and under

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete finish mahine-laser screed; Cranes-A frame-10 tons and under; Elevator and Manlift-permanent or shaft type; Gradechecker, Stakehop; Forklifts under 3000 lbs. with attachments; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger, mechanical; Power plant; Pumps, water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

WA140001 Modification 17  
Federal Wage Determinations for Highway Construction

Category B Projects: 95% of the basic hourly reate for each group plus full fringe benefits applicable to category A projects shall apply to the following projects. A Reduced rates may be paid on the following:

1. Projects involving work on structures such as buildings and bridges whose total value is less than \$1.5 million excluding mechanical, electrical, and utility portions of the contract.
2. Projects of less than \$1 million where no building is involved. Surfacing and paving included, but utilities excluded.
3. Marine projects (docks, wharfs, etc.) less than \$150,000.

#### HANDLING OF HAZARDOUS WASTE MATERIALS:

Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be elgible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing

H-2 Class "C" Suit - Base wage rate plus \$ .25 per hour.

H-3 Class "B" Suit - Base wage rate plus \$ .50 per hour.

H-4 Class "A" Suit - Base wage rate plus \$ .75 per hour.

#### Zone Differential (Add to Zone 1 rates):

Zone 2 (26-45 radius miles) - \$ .70

Zone 3 (Over 45 radius miles) - \$1.00

BASEPOINTS: Aberdeen, Bellingham, Bremerton, Everett, Kent, Mount Vernon, Port Angeles, Port Townsend, Seattle, Shelton, Wenatchee, Yakima

#### POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1AAA - Cranes-over 300 tons, or 300 ft of boom (including jib with attachments)

GROUP 1AA - Cranes 200 to 300 tons, or 250 ft of boom (including jib with attachments); Tower crane over 175 ft in height, base to boom

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 100 tons and over; Tower crane up to 175 ft in height base to boom; Loaders-overhead, 8 yards and over; Shovels, excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons, under 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 45 tons thru 99 tons; Derricks on building work; Excavator, shovel, backhoes over 3 yards and under 6 yards; Hard tail end dump articulating off-road equipment 45 yards and over; Loader- overhead 6 yards to, but not including 8 yards; Mucking machine, mole, tunnel, drill and/or shield; Quad 9, HD 41, D-10; Remote control operator on rubber tired earth moving equipment; Rollagon; Scrapers-self propelled 45 yards and over; Slipform pavers; Transporters, all truck or track type

GROUP 2 - Barrier machine (zipper); Batch Plant Operaor- Concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-overhead, bridge type-20 tons through 44 tons; Chipper; Concrete Pump-truck mount with boom attachment; Crusher; Deck Engineer/Deck Winches (power); Drilling machine; Excavator, shovel, backhoe-3 yards and under; Finishing Machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Horizontal/directional drill operator; Loaders-overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics-all; Mixers-asphalt plant; Motor patrol graders-finishing; Piledriver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar Green; Scraper-self propelled, hard tail end dump, articulating off-road equipment-under 45 yards; Subgrade trimmer; Tractors, backhoes-over 75 hp; Transfer material service machine-shuttle buggy, blaw knox-roadtec; Truck crane oiler/driver-100 tons and over; Truck Mount portable conveyor; Yo Yo Pay dozer

GROUP 3 - Conveyors; Cranes-thru 19 tons with attachments; A-frame crane over 10 tons; Drill oilers-auger type, truck or crane mount; Dozers-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loader-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler- asphalt, crusher; Pumps-concrete; Roller, plant mix or multi-lift materials; Saws-concrete; Scrpers-concrete and carry-all; Service engineer-equipment; Trenching machines; Truck Crane Oiler/Driver under 100 tons; Tractors, backhoe 75 hp and under

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete finish mahine-laser screed; Cranes-A frame-10 tons and under; Elevator and Manlift-permanent or shaft type; Gradechecker, Stakehop; Forklifts under 3000 lbs. with attachments; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger, mechanical; Power plant; Pumps, water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

CATEGORY B PROJECTS: 95% OF THE BASIC HOURLY RATE FOR EACH GROUP PLUS FULL FRINGE BENEFITS APPLICABLE TO CATEGORY A PROJECTS SHALL APPLY TO THE FOLLOWING PROJECTS. REDUCED RATES MAY BE PAID ON THE FOLLOWING:

1. Projects involving work on structures such as buildings and bridges whose total value is less than \$1.5 million excluding mechanical, electrical, and utility portions of the contract.
2. Projects of less than \$1 million where no building is involved. Surfacing and paving including, but utilities excluded.
3. Marine projects (docks, wharfs, ect.) less than \$150,000.

HANDLING OF HAZARDOUS WASTE MATERIALS: Personnel in all craft classifications subject to working inside a federally designed hazardous perimeter shall be elgible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

- H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing.
- H-2 Class "C" Suit - Base wage rate plus \$.25 per hour.
- H-3 Class "B" Suit - Base wage rate plus \$.50 per hour.
- H-4 Class "A" Suit - Base wage rate plus \$.75 per hour.

ENGI0370-002 06/01/2013

ADAMS, ASOTIN, BENTON, CHELAN (EAST OF THE 120TH MERIDIAN), COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN (EAST OF THE 120TH MERIDIAN), PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA (EAST OF THE 120TH MERIDIAN) COUNTIES

ZONE 1:

|                            | Rates    | Fringes |
|----------------------------|----------|---------|
| Power equipment operators: |          |         |
| GROUP 1.....               | \$ 25.56 | 12.85   |
| GROUP 2.....               | \$ 25.88 | 12.85   |
| GROUP 3.....               | \$ 26.49 | 12.85   |
| GROUP 4.....               | \$ 26.65 | 12.85   |
| GROUP 5.....               | \$ 26.81 | 12.85   |
| GROUP 6.....               | \$ 27.09 | 12.85   |
| GROUP 7.....               | \$ 27.36 | 12.85   |
| GROUP 8.....               | \$ 28.46 | 12.85   |

ZONE DIFFERENTIAL (Add to Zone 1 rate): Zone 2 - \$2.00

Zone 1: Within 45 mile radius of Spokane, Pasco, Washington; Lewiston, Idaho

Zone 2: Outside 45 mile radius of Spokane, Pasco, Washington; Lewiston, Idaho

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Bit Grinders; Bolt Threading Machine; Compressors (under 2000 CFM, gas, diesel, or electric power); Deck Hand; Fireman & Heater Tender; Hydro-seeder, Mulcher, Nozzleman; Oiler Driver, & Cable Tender, Mucking Machine; Pumpman; Rollers, all types on subgrade, including seal and chip coatings (farm type, Case, John Deere & similar, or Compacting Vibrator), except when pulled by Dozer with operable blade; Welding Machine; Crane Oiler-Driver (CLD required) & Cable Tender, Mucking Machine

GROUP 2: A-frame Truck (single drum); Assistant Refrigeration Plant (under 1000 ton); Assistant Plant Operator, Fireman or Pugmixer (asphalt); Bagley or Stationary Scraper; Belt Finishing Machine; Blower Operator (cement); Cement Hog; Compressor (2000 CFM or over, 2 or more, gas diesel or electric power); Concrete Saw (multiple cut); Distributor Leverman; Ditch Witch or similar; Elevator Hoisting Materials; Dope Pots (power agitated); Fork Lift or Lumber Stacker, Hydra-lift & similar; Gin Trucks (pipeline); Hoist, single drum; Loaders (bucket elevators and conveyors); Longitudinal Float; Mixer (portable-concrete); Pavement Breaker, Hydra-Hammer & similar; Power Broom; Railroad Ballast Regulation Operator (self-propelled); Railroad Power Tamper Operator (self-propelled); Railroad Tamping Jack Operator (self-propelled); Spray Curing Machine (concrete); Spreader Box (self-propelled); Straddle Buggy (Ross & similar on construction job only); Tractor (Farm type R/T with attachment, except Backhoe); Tugger Operator

GROUP 3: A-frame Truck (2 or more drums); Assistant Refrigeration Plant & Chiller Operator (over 1000 ton); Backfillers (Cleveland & similar); Batch Plant & Wet Mix Operator, single unit (concrete); Belt-Crete Conveyors with power pack or similar; Belt Loader (Kocal or similar); Bending Machine; Bob Cat (Skid Steer); Boring Machine (earth); Boring Machine (rock under 8 inch bit) (Quarry Master, Joy or similar); Bump Cutter (Wayne, Saginaw or similar); Canal Lining Machine (concrete); Chipper (without crane); Cleaning & Doping Machine (pipeline); Deck Engineer; Elevating Belt-type Loader (Euclid, Barber Green & similar); Elevating Grader-type Loader (Dumor, Adams or similar); Generator Plant Engineers (diesel or electric); Gunnite Combination Mixer & Compressor; Locomotive Engineer; Mixermobile; Mucking Machine; Posthole Auger or Punch; Pump (grout or jet); Soil Stabilizer (P & H or similar); Spreader Machine; Dozer/Tractor (up to D-6 or equivalent) and Traxcavator; Traverse Finish Machine; Turnhead Operator

GROUP 4: Concrete Pumps (squeeze-crete, flow-crete, pump-crete, Whitman & similar); Curb Extruder (asphalt or concrete); Drills (churn, core, calyx or diamond); Equipment Serviceman; Greaser & Oiler; Hoist (2 or more drums or Tower Hoist); Loaders (overhead & front-end, under 4 yds. R/T); Refrigeration Plant Engineer (under 1000 ton); Rubber-tired Skidders (R/T with or without attachments); Surface Heater & Plant Machine; Trenching Machines (under 7 ft. depth capacity); Turnhead (with re-screening); Vacuum Drill (reverse circulation drill under 8 inch bit)

GROUP 5: Backhoe (under 45,000 gw); Backhoe & Hoe Ram (under 3/4 yd.); Carrydeck & Boom Truck (under 25 tons); Cranes (25 tons & under), all attachments including clamshell, dragline; Derricks & Stifflegs (under 65 tons); Drilling Equipment (8 inch bit & over) (Robbins, reverse circulation & similar); Hoe Ram; Piledriving Engineers; Paving (dual drum); Railroad Track Liner Operatr (self-propelled); Refrigeration Plant Engineer (1000 tons & over); Signalman (Whirleys, Highline Hammerheads or similar); Grade Checker

GROUP 6: Asphalt Plant Operator; Automatic Subgrader (Ditches & Trimmers)(Autograde, ABC, R.A. Hansen & similar on grade wire); Backhoe (45,000 gw and over to 110,000 gw); Backhoes & Hoe Ram (3/4 yd. to 3 yd.); Batch Plant (over 4 units); Batch & Wet Mix Operator (multiple units, 2 & incl. 4); Blade Operator (motor patrol & attachments); Cable Controller (dispatcher); Compactor (self-propelled with blade); Concrete Pump Boom Truck; Concrete Slip Form Paver; Cranes (over 25 tons, to and including 45 tons), all attachments including clamshell, dragline; Crusher, Grizzle & Screening Plant Operator; Dozer, 834 R/T & similar; Drill Doctor; Loader Operator (front-end & overhead, 4 yds. incl. 8 yds.); Multiple Dozer Units with single blade; Paving Machine (asphalt and concrete); Quad-Track or similar equipment; Roller (finishing asphalt pavement); Roto Mill (pavement grinder); Scrapers, all, rubber-tired; Screed Operator; Shovel (under 3 yds.); Trenching Machines (7 ft. depth & over); Tug Boat Operator; Vactor guzzler, super sucker; Lime Batch Tank Operator (REcycle Train); Lime Brain Operator (Recycle Train); Mobile Crusher Operator (Recycle Train)

GROUP 7: Backhoe (over 110,000 gw); Backhoes & Hoe Ram (3 yds & over); Blade (finish & bluetop) Automatic, CMI, ABC, Finish Athey & Huber & similar when used as automatic; Cableway Operators; Concrete Cleaning/Decontamination machine operator; Cranes (over 45 tons to but not including 85 tons), all attachments including clamshell and dragline; Derricks & Stiffleys (65 tons & over); Elevating Belt (Holland type); Heavy equipment robotics operator; Loader (360 degrees revolving Koehring Scooper or similar); Loaders (overhead & front-end, over 8 yds. to 10 yds.); Rubber-tired Scrapers (multiple engine with three or more scrapers); Shovels (3 yds. & over); Whirleys & Hammerheads, ALL; H.D. Mechanic; H.D. Welder; Hydraulic Platform Trailers (Goldhofer, Shaurerly and Similar); Ultra High Pressure Waterjet Cutting Tool System Operator (30,000 psi); Vacuum Blasting Machine Operator

GROUP 8: Cranes (85 tons and over, and all climbing, overhead, rail and tower), all attachments including clamshell, dragline; Loaders (overhead and front-end, 30 yards and over); Helicopter Pilot

BOOM PAY: (All Cranes, Including Tower)  
 180 ft to 250 ft \$ .50 over scale  
 Over 250 ft \$ .80 over scale

NOTE:  
 In computing the length of the boom on Tower Cranes, they shall be measured from the base of the Tower to the point of the boom.

HAZMAT:  
 Anyone working on HAZMAT jobs, working with supplied air shall receive \$1.00 an hour above classification.

-----  
 ENGI0612-012 06/01/2014

LEWIS, PIERCE, PACIFIC (portion lying north of a parallel line extending west from the northern boundary of Wahkaikum County to the sea) AND THURSTON COUNTIES

ON PROJECTS DESCRIBED IN FOOTNOTE A BELOW, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS. ON ALL OTHER WORK, THE FOLLOWING RATES APPLY.

Zone 1 (0-25 radius miles):

|                          | Rates    | Fringes |
|--------------------------|----------|---------|
| POWER EQUIPMENT OPERATOR |          |         |
| GROUP 1A.....            | \$ 38.39 | 17.40   |
| GROUP 1AA.....           | \$ 38.96 | 17.40   |
| GROUP 1AAA.....          | \$ 39.52 | 17.40   |
| GROUP 1.....             | \$ 37.84 | 17.40   |
| GROUP 2.....             | \$ 37.35 | 17.40   |
| GROUP 3.....             | \$ 36.93 | 17.40   |
| GROUP 4.....             | \$ 34.57 | 17.40   |

Zone Differential (Add to Zone 1 rates):  
 Zone 2 (26-45 radius miles) = \$1.00  
 Zone 3 (Over 45 radius miles) - \$1.30

BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1 AAA - Cranes-over 300 tons or 300 ft of boom (including jib with attachments)

GROUP 1AA - Cranes- 200 tonsto 300 tons, or 250 ft of boom (including jib with attachments; Tower crane over 175 ft in height, bas to boom

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 100 tons and over; Tower crane up to 175 ft in height base to boom; Loaders-overhead, 8 yards and over; Shovels, excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons under 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 45 tons thru 99 tons; Derricks on building work; Excavator, shovel, backhoes over 3 yards and under 6 yards; Hard tail end dump articulating off-road equipment 45 yards and over; Loader- overhead, 6 yards to, but not including, 8 yards; Mucking machine, mole, tunnel, drill and/or shield; Quad 9 HD 41, D-10; Remote control operator on rubber tired earth moving equipment; Rollagon; Scrapers-self-propelled 45 yards and over; Slipform pavers; Transporters, all track or truck type

GROUP 2 - Barrier machine (zipper); Batch Plant Operator-concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-Overhead, bridge type, 20 tons through 44 tons; Chipper; Concrete pump-truck mount with boom attachment; Crusher; Deck engineer/deck winches (power); Drilling machine; Excavator, shovel, backhoe-3 yards and under; Finishing machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Loaders, overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics- all; Mixers, asphalt plant; Motor patrol graders, finishing; Piledriver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar Green; Scraper-self-propelled, hard tail end dump, articulating off-road equipment- under 45 yards; Subgrader trimmer; Tractors, backhoe over 75 hp; Transfer material service machine-shuttle buggy, Blaw Knox- Roadtec; Truck Crane oiler/driver-100 tons and over; Truck Mount Portable Conveyor; Yo Yo pay

GROUP 3 - Conveyors; Cranes through 19 tons with attachments; Crane-A-frame over 10 tons; Drill oilers-auger type, truck or crane mount; Dozer-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside Hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loaders-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler- asphalt, crusher; Pump-Concrete; Roller, plant mix or multi-lfit materials; Saws-concrete; Scrapers, concrete and carry all; Service engineers-equipment; Trenching machines; Truck crane oiler/driver under 100 tons; Tractors, backhoe under 75 hp

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete Finish Machine-laser screed; Cranes A-frame 10 tons and under; Elevator and manlift (permanant and shaft type); Forklifts-under 3000 lbs. with attachments; Gradechecker, stakehop; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger-mechanical; Power plant; Pumps-water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

- FOOTNOTE A- Reduced rates may be paid on the following:
1. Projects involving work on structures such as buildings and bridges whose total value is less than \$1.5 million excluding mechanical, electrical, and utility portions of the contract.
  2. Projects of less than \$1 million where no building is involved. Surfacing and paving included, but utilities excluded.
  3. Marine projects (docks, wharfs, etc.) less than \$150,000.

HANDLING OF HAZARDOUS WASTE MATERIALS: Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be elgible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

- H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing, Class "D" Suit - Base wage rate plus \$ .50 per hour.
- H-2 Class "C" Suit - Base wage rate plus \$1.00 per hour.
- H-3 Class "B" Suit - Base wage rate plus \$1.50 per hour.
- H-4 Class "A" Suit - Base wage rate plus \$2.00 per hour.

ENGI0701-002 01/01/2014

CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHIAKUM COUNTIES

POWER EQUIPMENT OPERATORS: ZONE 1

|                            | Rates    | Fringes |
|----------------------------|----------|---------|
| Power equipment operators: |          |         |
| (See Footnote A)           |          |         |
| GROUP 1.....               | \$ 38.25 | 13.70   |
| GROUP 1A.....              | \$ 40.16 | 13.70   |
| GROUP 1B.....              | \$ 42.08 | 13.70   |
| GROUP 2.....               | \$ 36.56 | 13.70   |
| GROUP 3.....               | \$ 35.54 | 13.70   |
| GROUP 4.....               | \$ 34.56 | 13.70   |
| GROUP 5.....               | \$ 33.43 | 13.70   |
| GROUP 6.....               | \$ 30.34 | 13.70   |

Zone Differential (add to Zone 1 rates):  
Zone 2 - \$3.00  
Zone 3 - \$6.00

For the following metropolitan counties: MULTNOMAH; CLACKAMAS; MARION; WASHINGTON; YAMHILL; AND COLUMBIA; CLARK; AND COWLITZ COUNTY, WASHINGTON WITH MODIFICATIONS AS INDICATED:

All jobs or projects located in Multnomah, Clackamas and Marion Counties, West of the western boundary of Mt. Hood National Forest and West of Mile Post 30 on Interstate 84 and West of Mile Post 30 on State Highway 26 and West of Mile Post 30 on Highway 22 and all jobs or projects located in Yamhill County, Washington County and Columbia County and all jobs or projects located in Clark & Cowlitz County, Washington except that portion of Cowlitz County in the Mt. St. Helens "Blast Zone" shall receive Zone I pay for all classifications.

All jobs or projects located in the area outside the identified boundary above, but less than 50 miles from the Portland City Hall shall receive Zone II pay for all classifications.

All jobs or projects located more than 50 miles from the Portland City Hall, but outside the identified border above, shall receive Zone III pay for all classifications.

For the following cities: ALBANY; BEND; COOS BAY; EUGENE; GRANTS PASS; KLAMATH FALLS; MEDFORD; ROSEBURG

All jobs or projects located within 30 miles of the respective city hall of the above mentioned cities shall receive Zone I pay for all classifications.

All jobs or projects located more than 30 miles and less than 50 miles from the respective city hall of the above mentioned cities shall receive Zone II pay for all classifications.

All jobs or projects located more than 50 miles from the respective city hall of the above mentioned cities shall receive Zone III pay for all classifications.

#### POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: CONCRETE: Batch Plant and/or Wet Mix Operator, three units or more; CRANE: Helicopter Operator, when used in erecting work; Whirley Operator, 90 ton and over; LATTICE BOOM CRANE: Operator 200 tons through 299 tons, and/or over 200 feet boom; HYDRAULIC CRANE: Hydraulic Crane Operator 90 tons through 199 tons with luffing or tower attachments; FLOATING EQUIPMENT: Floating Crane, 150 ton but less than 250 ton

GROUP 1A: HYDRAULIC CRANE: Hydraulic Operator, 200 tons and over (with luffing or tower attachment); LATTICE BOOM CRANE: Operator, 200 tons through 299 tons, with over 200 feet boom; FLOATING EQUIPMENT: Floating Crane 250 ton and over

GROUP 1B: LATTICE BOOM CRANE: Operator, 300 tons through 399 tons with over 200 feet boom; Operator 400 tons and over; FLOATING EQUIPMENT: Floating Crane 350 ton and over

GROUP 2: ASPHALT: Asphalt Plant Operator (any type); Roto Mill, pavement profiler, operator, 6 foot lateral cut and over; BLADE: Auto Grader or "Trimmer" (Grade Checker required); Blade Operator, Robotic; BULLDOZERS: Bulldozer operator over 120,000 lbs and above; Bulldozer operator, twin engine; Bulldozer Operator, tandem, quadline, D10, D11, and similar type; Bulldozere Robotic Equipment (any type); CONCRETE: Batch Plant and/or Wet Mix Operator, one and two drum; Automatic Concrete Slip Form Paver Operator; Concrete Canal Line Operator; Concrete Profiler, Diamond Head; CRANE: Cableway Operator, 25 tons and over; HYDRAULIC CRANE: Hydraulic crane operator 90 tons through 199 tons (without luffing or tower attachment); TOWER/WHIRLEY OPERATOR: Tower Crane Operator; Whirley Operator, under 90 tons; LATTICE BOOM CRANE: 90 through 199 tons and/or 150 to 200 feet boom; CRUSHER: Crusher Plant Operator; FLOATING EQUIPMENT: Floating Clamshell, etc. operator, 3 cu. yds. and over; Floating Crane (derrick barge) Operator, 30 tons but less than 150 tons; LOADERS: Loader operator, 120,000 lbs. and above; REMOTE CONTROL: Remote controlled earth-moving equipment; RUBBER-TIRED SCRAPERS: Rubber-tired scraper operator, with tandem scrapers, multi-engine; SHOVEL, DRAGLINE, CLAMSHELL, SKOOPER OPERATOR: Shovel, Dragline, Clamshell, operator 5 cu. yds and over; TRENCHING MACHINE: Wheel Excavator, under 750 cu. yds. per hour (Grade Oiler required); Canal Trimmer (Grade Oiler required); Wheel Excavator, over 750 cu. yds. per hour; Band Wagon (in conjunction with wheel excavator); UNDERWATER EQUIPMENT: Underwater Equipment Operator, remote or otherwise; HYDRAULIC HOES-EXCAVATOR: Excavator over 130,000 lbs.; HYDRAULIC CRANE: Hydraulic crane operator, 50 tons through 89 tons (with luffing or tower attachment);

GROUP 3: BULLDOZERS: Bulldozer operator, over 70,000 lbs. up to and including 120,000 lbs.; HYDRAULIC CRANE: Hydraulic crane operator, 50 tons through 89 tons (without luffing or tower attachment); LATTICE BOOM CRANES: Lattice Boom Crane-50 through 89 tons (and less than 150 feet boom); FORKLIFT: Rock Hound Operator; HYDRAULIC HOES-EXCAVATOR: excavator over 80,000 lbs. through 130,000 lbs.; LOADERS: Loader operator 60,000 and less than 120,000; RUBBER-TIRED SCRAPERS: Scraper Operator, with tandem scrapers; Self-loading, paddle wheel, auger type, finish and/or 2 or more units; SHOVEL, DRAGLINE, CLAMSHELL, SKOOPER OPERATOR: Shovel, Dragline, Clamshell operators 3 cu. yds. but less than 5 cu yds.

GROUP 4: ASPHALT: Screed Operator; Asphalt Paver operator (screeman required); BLADE: Blade operator; Blade operator, finish; Blade operator, externally controlled by electronic, mechanical hydraulic means; Blade operator, multi-engine; BULLDOZERS: Bulldozer Operator over 20,000 lbs and more than 100 horse up to 70,000 lbs; Drill Cat Operator; Side-boom Operator; Cable-Plow Operator (any type); CLEARING: Log Skidders; Chippers; Incinerator; Stump Splitter (loader mounted or similar type); Stump Grinder (loader mounted or similar type; Tub Grinder; Land Clearing Machine (Track mounted forestry mowing & grinding machine); Hydro Axe (loader mounted or similar type); COMPACTORS SELF-PROPELLED: Compactor Operator, with blade; Compactor Operator, multi-engine; Compactor Operator, robotic; CONCRETE: Mixer Mobile Operator; Screed Operator; Concrete Cooling Machine Operator; Concrete Paving Road Mixer; Concrete Breaker; Reinforced Tank Banding Machine (K-17 or similar types); Laser Screed; CRANE: Chicago boom and similar types; Lift Slab Machine Operator; Boom type lifting device, 5 ton capacity or less; Hoist Operator, two (2) drum; Hoist Operator, three (3) or more drums; Derrick Operator, under 100 ton; Hoist Operator, stiff leg, guy derrick or similar type, 50 ton and over; Cableway Operator up to twenty (25) ton; Bridge Crane Operator, Locomotive, Gantry, Overhead; Cherry Picker or similar type crane; Carry Deck Operator; Hydraulic Crane Operator, under 50 tons; LATTICE BOOM CRANE OPERATOR: Lattice Boom Crane Operator, under 50 tons; CRUSHER: Generator Operator; Diesel-Electric Engineer; Grizzley Operator; Drill Doctor; Boring Machine Operator; Driller-Perccussion, Diamond, Core, Cable, Rotary and similar type; Cat Drill (John Henry); Directional Drill Operator over 20,000 lbs pullback; FLOATING EQUIPMENT: Diesel-electric Engineer; Jack Operator, elevating barges, Barge Operator, self-unloading; Piledriver Operator (not crane type) (Deckhand required); Floating Clamshell, etc. Operator, under 3 cu. yds. (Fireman or Diesel-Electric Engineer required); Floating Crane (derrick barge) Operator, less than 30 tons; GENERATORS: Generator Operator; Diesel-electric Engineer; GUARDRAIL EQUIPMENT: Guardrail Punch Operator (all types); Guardrail Auger Operator (all types); Combination Guardrail machines, i.e., punch auger, etc.; HEATING PLANT: Surface

Heater and Planer Operator; HYDRAULIC HOES EXCAVATOR: Robotic Hydraulic backhoe operator, track and wheel type up to and including 20,000 lbs. with any or all attachments; Excavator Operator over 20,000 lbs through 80,000 lbs.; LOADERS: Belt Loaders, Kolman and Ko Cal types; Loaders Operator, front end and overhead, 25,000 lbs and less than 60,000 lbs; Elevating Grader Operator by Tractor operator, Sierra, Euclid or similar types; PILEDRIVERS: Hammer Operator; Piledriver Operator (not crane type); PIPELINE, SEWER WATER: Pipe Cleaning Machine Operator; Pipe Doping Machine Operator; Pipe Bending Machine Operator; Pipe Wrapping Machine Operator; Boring Machine Operator; Back Filling Machine Operator; REMOTE CONTROL: Concrete Cleaning Decontamination Machine Operator; Ultra High Pressure Water Jet Cutting Tool System Operator/Mechanic; Vacuum Blasting Machine Operator/mechanic; REPAIRMEN, HEAVY DUTY: Diesel Electric Engineer (Plant or Floating; Bolt Threading Machine operator; Drill Doctor (Bit Grinder); H.D. Mechanic; Machine Tool Operator; RUBBER-TIRED SCRAPERS: Rubber-tired Scraper Operator, single engine, single scraper; Self-loading, paddle wheel, auger type under 15 cu. yds.; Rubber-tired Scraper Operator, twin engine; Rubber-tired Scraper Operator, with push-ull attachments; Self Loading, paddle wheel, auger type 15 cu. yds. and over, single engine; Water pulls, water wagons; SHOVEL, DRAGLINE, CLAMSHELL, SKOOPER OPERATOR: Diesel Electric Engineer; Stationary Drag Scraper Operator; Shovel, Dragline, Clamshell, Operator under 3 cy yds.; Grade-all Operator; SURFACE (BASE) MATERIAL: Blade mounted spreaders, Ulrich and similar types; TRACTOR-RUBBERED TIRED: Tractor operator, rubber-tired, over 50 hp flywheel; Tractor operator, with boom attachment; Rubber-tired dozers and pushers (Michigan, Cat, Hough type); Skip Loader, Drag Box; TRENCHING MACHINE: Trenching Machine operator, digging capacity over 3 ft depth; Back filling machine operator; TUNNEL: Mucking machine operator

GROUP 5: ASPHALT: Extrusion Machine Operator; Roller Operator (any asphalt mix); Asphalt Burner and Reconditioner Operator (any type); Roto-Mill, pavement profiler, ground man; BULLDOZERS: Bulldozer operator, 20,000 lbs. or less or 100 horse or less; COMPRESSORS: Compressor Operator (any power), over 1,250 cu. ft. total capacity; COMPACTORS: Compactor Operator, including vibratory; Wagner Pactor Operator or similar type (without blade); CONCRETE: Combination mixer and Compressor Operator, gunite work; Concrete Batch Plant Quality Control Operator; Belcrete Operator; Pumpcrete Operator (any type); Pavement Grinder and/or Grooving Machine Operator (riding type); Cement Pump Operator, Fuller-Kenyon and similar; Concrete Pump Operator; Grouting Machine Operator; Concrete mixer operator, single drum, under (5) bag capacity; Cast in place pipe laying machine; maginnis Internal Full slab vibrator operator; Concrete finishing mahine operator, Clary, Johnson, Bidwell, Burgess Bridge deck or similar type; Curb Machine Operator, mechanical Berm, Curb and/or Curb and Gutter; Concrete Joint Machine Operator; Concrete Planer Operator; Tower Mobile Operator; Power Jumbo Operator setting slip forms in tunnels; Slip Form Pumps, power driven hydraulic lifting device for concrete forms; Concrete Paving Machine Operator; Concrete Finishing Machine Operator; Concrete Spreader Operator; CRANE: Helicopter Hoist Operator; Hoist Operator, single drum; Elevator Operator; A-frame Truck Operator, Double drum; Boom Truck Operator; HYDRAULIC CRANE OPERATOR: Hydraulic Boom Truck, Pittman; DRILLING: Churm Drill and Earth Boring Machine Operator; Vacuum Truck; Directional Drill Operator over 20,000 lbs pullback; FLOATING EQUIPMENT: Fireman; FORKLIFT: Fork Lift, over 10 ton and/or robotic; HYDRAULIC HOES EXCAVATORS: Hydraulic Backhoe Operator, wheel type (Ford, John Deere, Case type); Hydraulic Backhoe Operator track type up to and including 20,000 lbs.; LOADERS: Loaders, rubber- tired type, less than 25,000 lbs; Elevating Grader Operator, Tractor Towed requiring Operator or Grader; Elevating loader operator, Athey and similar types; OILERS: Service oiler (Greaser); PIPELINE-SEWER WATER: Hydra hammer or simialr types; Pavement Breaker Operator; PUMPS: Pump Operator, more than 5 (any size); Pot Rammer Operator; RAILROAD EQUIPMENT: Locomotive Operator, under 40 tons; Ballast Regulator Operator; Ballast Tamper Multi-Purpose Operator; Track Liner Operator; Tie Spacer Operator; Shuttle Car Operator; Locomotive Operator, 40 tons and over; MATERIAL HAULRS: Cat wagon DJBs Volvo similar types; Conveyored material hauler; SURFACING (BASE) MATERIAL: Rock Spreaders, self-propelled; Pulva-mixer or similar types; Chiip Spreading machine operator; Lime spreading operator, construction job siter; SWEEPERS: Sweeper operator (Wayne type) self-propelled construction job site; TRACTOR-RUBBER TIRED: Tractor operator, rubber-tired, 50 hp flywheel and under; Trenching machine operator, maximum digging capacity 3 ft depth; TUNNEL: Dinkey

GROUP 6: ASPHALT: Plant Oiler; Plant Fireman; Pugmill Operator (any type); Truck mounted asphalt spreader, with screed; COMPRESSORS: Compressor Operator (any power), under 1,250 cu. ft. total capacity; CONCRETE: Plant Oiler, Assistant Conveyor Operator; Conveyor Operator; Mixer Box Operator (C.T.B., dry batch, etc.); Cement Hog Operator; Concrete Saw Operator; Concrete Curing Machine Operator (riding type); Wire Mat or Brooming Machine Operator; CRANE: Oiler; Fireman, all equipment; Truck Crane Oiler Driver; A-frame Truck Operator, single drum; Tugger or Coffin Type Hoist Operator; CRUSHER: Crusher Oiler; Crusher Feederman; CRUSHER: Crusher oiler; Crusher feederman; DRILLING: Drill Tender; Auger Oiler; FLOATING EQUIPMENT: Deckhand; Boatman; FORKLIFT: Self-propelled Scaffolding Operator, construction job site (exclduing working platform); Fork Lift or Lumber Stacker Operator, construction job site; Ross Carrier Operator, construction job site; Lull Hi-Lift Operator or Similar Type; GUARDRAIL EQUIPMENT: Oiler; Auger Oiler; Oiler, combination guardrail machines; Guardrail Punch Oiler; HEATING PLANT: Temporary Heating Plant Operator; LOADERS: Bobcat, skid steer (less than 1 cu yd.); Bucket Elevator Loader Operator, BarberGreene and similar types; OILERS: Oiler; Guardrail Punch Oiler; Truck Crane Oiler-Driver; Auger Oiler; Grade Oiler, required to check grade; Grade Checker; Rigger; PIPELINE-SEWER WATER: Tar Pot Fireman; Tar Pot Fireman (power agitated); PUMPS: Pump Operator (any power); Hydrostatic Pump Operator; RAILROAD EQUIPMENT: Brakeman; Oiler; Switchman; Motorman; Ballast Jack Tamper Operator; SHOVEL, DRAGLINE, CLAMSHELL, SKOOPER, ETC. OPERATOR: Oiler, Grade Oiler (required to check grade); Grade Checker; Fireman; SWEEPER: Broom operator, self propelled, construction job site; SURFACING (BASE) MATERIAL: Roller Operator, grading of base rock (not asphalt); Tamping Machine operator, mechanical, self-propelled; Hydrographic Seeder Machine Operator; TRENCHING MACHINE: Oiler; Grade Oiler; TUNNEL: Conveyor operator; Air filtration equipment operator

IRON0014-005 07/01/2013

ADAMS, ASOTIN, BENTON, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND ORIELLE, SPOKANE, STEVENS, WALLA WALLA AND WHITMAN COUNTIES

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| IRONWORKER..... | \$ 31.60 | 21.35   |

IRON0029-002 07/01/2013

CLARK, COWLITZ, KLINKITAT, PACIFIC, SKAMANIA, AND WAHKAIKUM COUNTIES

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| IRONWORKER..... | \$ 34.12 | 21.35   |

IRON0086-002 07/01/2013

YAKIMA, KITTITAS AND CHELAN COUNTIES

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| IRONWORKER..... | \$ 31.60 | 21.35   |

IRON0086-004 07/01/2013

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PIERCE, SKAGIT, SNOHOMISH, THURSTON, AND WHATCOM COUNTIES

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| IRONWORKER..... | \$ 38.14 | 21.35   |

LABO0001-002 06/01/2014

ZONE 1:

|  | Rates | Fringes |
|--|-------|---------|
| Laborers:  |       |         |
| CALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (NORTH OF STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY WAHKAIAKUM COUNTY WEST TO THE PACIFIC OCEAN), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES |       |         |

|              |          |       |
|--------------|----------|-------|
| GROUP 1..... | \$ 22.49 | 10.30 |
| GROUP 2..... | \$ 25.79 | 10.30 |
| GROUP 3..... | \$ 32.29 | 10.30 |
| GROUP 4..... | \$ 33.08 | 10.30 |
| GROUP 5..... | \$ 33.62 | 10.30 |

CHELAN, DOUGLAS (WEST OF THE 120TH MERIDIAN), KITTITAS AND YAKIMA COUNTIES

|              |          |       |
|--------------|----------|-------|
| GROUP 1..... | \$ 18.95 | 10.30 |
| GROUP 2..... | \$ 21.76 | 10.30 |
| GROUP 3..... | \$ 23.85 | 10.30 |
| GROUP 4..... | \$ 24.43 | 10.30 |
| GROUP 5..... | \$ 24.85 | 10.30 |

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON

ZONE 1 - Projects within 25 radius miles of the respective city hall  
 ZONE 2 - More than 25 but less than 45 radius miles from the respective city hall  
 ZONE 3 - More than 45 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):  
 ZONE 2 - \$1.00  
 ZONE 3 - \$1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective city hall  
 ZONE 2 - More than 25 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):  
 ZONE 2 - \$2.25

LABORERS CLASSIFICATIONS

GROUP 1: Landscaping and Planting; Watchman; Window Washer/Cleaner (detail clean-up, such as but not limited to cleaning floors, ceilings, walls, windows, etc., prior to final acceptance by the owner)

GROUP 2: Batch Weighman; Crusher Feeder; Fence Laborer; Flagman; Pilot Car

GROUP 3: General Laborer; Air, Gas, or Electric Vibrating Screed; Asbestos Abatement Laborer; Ballast Regulator Machine; Brush Cutter; Brush Hog Feeder; Burner; Carpenter Tender; Cement Finisher Tender; Change House or Dry Shack; Chipping Gun (under 30 lbs.); Choker Setter; Chuck Tender; Clean-up Laborer; Concrete Form Stripper; Curing Laborer; Demolition (wrecking and moving including charred material); Ditch Digger; Dump Person; Fine Graders; Firewatch; Form Setter; Gabian Basket Builders; Grout Machine Tender; Grinders; Guardrail Erector; Hazardous Waste Worker (Level C: uses a chemical "splash suit" and air purifying respirator); Maintenance Person; Material Yard Person; Pot Tender; Rip Rap Person; Riggers; Scale Person; Sloper Sprayer; Signal Person; Stock Piler; Stake Hopper; Toolroom Man (at job site); Topper-Tailer; Track Laborer; Truck Spotter; Vinyl Seamer

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, airtrac); Faller and Bucker Chain Saw; Grade Checker and Transit Person; Groutmen (pressure) including post tension beams; Hazardous Waste Worker (Level B: uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical "splash suit"); High Scaler; Jackhammer; Laserbeam Operator; Manhole Builder-Mudman; Nozzleman (concrete pump, green cutter when using combination of high pressure air and water on concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft); Spreader (concrete); Tamper and Similar electric, air and gas operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

GROUP 5: Caisson Worker; Miner; Mortarman and Hodcarrier; Powderman; Re-Timberman; Hazardous Waste Worker (Level A: utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line).

-----  
LABO0238-004 06/01/2014

PASCO AREA: ADAMS, BENTON, COLUMBIA, DOUGLAS (East of 120th Meridian), FERRY, FRANKLIN, GRANT, OKANOGAN, WALLA WALLA

SPOKANE AREA: ASOTIN, GARFIELD, LINCOLN, PEND OREILLE, SPOKANE, STEVENS & WHITMAN COUNTIES

|                   | Rates    | Fringes |
|-------------------|----------|---------|
| LABORER (PASCO)   |          |         |
| GROUP 1.....      | \$ 22.25 | 10.95   |
| GROUP 2.....      | \$ 24.35 | 10.95   |
| GROUP 3.....      | \$ 24.62 | 10.95   |
| GROUP 4.....      | \$ 24.89 | 10.95   |
| GROUP 5.....      | \$ 25.17 | 10.95   |
| LABORER (SPOKANE) |          |         |
| GROUP 1.....      | \$ 21.95 | 10.95   |
| GROUP 2.....      | \$ 24.05 | 10.95   |
| GROUP 3.....      | \$ 24.32 | 10.95   |
| GROUP 4.....      | \$ 24.59 | 10.95   |
| GROUP 5.....      | \$ 24.87 | 10.95   |

Zone Differential (Add to Zone 1 rate): \$2.00

BASE POINTS: Spokane, Pasco, Lewiston

Zone 1: 0-45 radius miles from the main post office.  
Zone 2: 45 radius miles and over from the main post office.

LABORERS CLASSIFICATIONS

GROUP 1: Flagman; Landscape Laborer; Scalemen; Traffic Control Maintenance Laborer (to include erection and maintenance of barricades, signs and relief of flagperson); Window Washer/Cleaner (detail cleanup, such as, but not limited to cleaning floors, ceilings, walls, windows, etc. prior to final acceptance by the owner)

GROUP 2: Asbestos Abatement Worker; Brush Hog Feeder; Carpenter Tender; Cement Handler; Clean-up Laborer; Concrete Crewman (to include stripping of forms, hand operating jacks on slip form construction, application of concrete curing compounds, pumpcrete machine, signaling, handling the nozzle of squeezecrete or similar machine, 6 inches and smaller); Confined Space Attendant; Concrete Signalman; Crusher Feeder; Demolition (to include clean-up, burning, loading, wrecking and salvage of all material); Dumpman; Fence Erector; Firewatch; Form Cleaning Machine Feeder, Stacker; General Laborer; Grout Machine Header Tender; Guard Rail (to include guard rails, guide and reference posts, sign posts, and right-of-way markers); Hazardous Waste Worker, Level D (no respirator is used and skin protection is minimal); Miner, Class "A" (to include all bull gang, concrete crewman, dumpman and pumpcrete crewman, including distributing pipe, assembly & dismantling, and nipper); Nipper; Riprap Man; Sandblast Tailhoseman; Scaffold Erector (wood or steel); Stake Jumper; Structural Mover (to include separating foundation, preparation, cribbing, shoring, jacking and unloading of structures); Tailhoseman (water nozzle); Timber Buckler and Faller (by hand); Track Laborer (RR); Truck Loader; Well-Point Man; All Other Work Classifications Not Specially Listed Shall Be Classified As General Laborer

GROUP 3: Asphalt Roller, walking; Cement Finisher Tender; Concrete Saw, walking; Demolition Torch; Dope Pot Firemen, non-mechanical; Driller Tender (when required to move and position machine); Form Setter, Paving; Grade Checker using level; Hazardous Waste Worker, Level C (uses a chemical "splash suit" and air purifying respirator); Jackhammer Operator; Miner, Class "B" (to include brakeman, finisher, vibrator, form setter); Nozzleman (to include squeeze and flo-crete nozzle); Nozzleman, water, air or steam; Pavement Breaker (under 90 lbs.); Pipelayer, corrugated metal culvert; Pipelayer, multi-plate; Pot Tender; Power Buggy Operator; Power Tool Operator, gas, electric, pneumatic; Railroad Equipment, power driven, except dual mobile power spiker or puller; Railroad Power Spiker or Puller, dual mobile; Rodder and Spreader; Tamper (to include operation of Barco, Essex and similar tampers); Trencher, Shawnee; Tugger Operator; Wagon Drills; Water Pipe Liner; Wheelbarrow (power driven)

GROUP 4: Air and Hydraulic Track Drill; Asphalt Raker; Brush Machine (to include horizontal construction joint cleanup brush machine, power propelled); Caisson Worker, free air; Chain Saw Operator and Faller; Concrete Stack (to include laborers when laborers working on free standing concrete stacks for smoke or fume control above 40 feet high); Gunite (to include operation of machine and nozzle); Hazardous Waste Worker, Level B (uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical "splash suit"); High Scaler; Laser Beam Operator (to include grade checker and elevation control); Miner, Class C (to include miner, nozzleman for concrete, laser beam operator and rigger on tunnels); Monitor Operator (air track or similar mounting); Mortar Mixer; Nozzleman (to include jet blasting nozzleman, over 1,200 lbs., jet blast machine power propelled, sandblast nozzle); Pavement Breaker (90 lbs. and over); Pipelayer (to include working topman, caulker, collarman, jointer, mortarman, rigger, jacker, shorer, valve or meter installer); Pipewrapper; Plasterer Tender; Vibrators (all)

GROUP 5 - Drills with Dual Masts; Hazardous Waste Worker, Level A (utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line); Miner Class "D", (to include raise and shaft miner, laser beam operator on riases and shafts)

-----  
LABO0238-006 06/01/2014

COUNTIES EAST OF THE 120TH MERIDIAN: ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND OREILLE, STEVENS, SPOKANE, WALLA WALLA, WHITMAN

|                  | Rates    | Fringes |
|------------------|----------|---------|
| Hod Carrier..... | \$ 24.32 | 10.95   |

-----  
LABO0335-001 06/01/2013

CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHAKIUM COUNTY WEST TO THE PACIFIC OCEAN), SKAMANIA AND WAHAKIUM COUNTIES

|              | Rates    | Fringes |
|--------------|----------|---------|
| Laborers:    |          |         |
| ZONE 1:      |          |         |
| GROUP 1..... | \$ 28.65 | 10.05   |
| GROUP 2..... | \$ 29.25 | 10.05   |
| GROUP 3..... | \$ 29.69 | 10.05   |
| GROUP 4..... | \$ 30.07 | 10.05   |
| GROUP 5..... | \$ 26.15 | 10.05   |
| GROUP 6..... | \$ 23.73 | 10.05   |
| GROUP 7..... | \$ 20.53 | 10.05   |

Zone Differential (Add to Zone 1 rates):

Zone 2 \$ 0.65  
 Zone 3 - 1.15  
 Zone 4 - 1.70  
 Zone 5 - 2.75

BASE POINTS: GOLDENDALE, LONGVIEW, AND VANCOUVER

ZONE 1: Projects within 30 miles of the respective city all.  
 ZONE 2: More than 30 miles but less than 40 miles from the respective city hall.  
 ZONE 3: More than 40 miles but less than 50 miles from the respective city hall.  
 ZONE 4: More than 50 miles but less than 80 miles from the respective city hall.  
 ZONE 5: More than 80 miles from the respective city hall.

LABORERS CLASSIFICATIONS

GROUP 1: Asphalt Plant Laborers; Asphalt Spreaders; Batch Weighman; Broomers; Brush Burners and Cutters; Car and Truck Loaders; Carpenter Tender; Change-House Man or Dry Shack Man; Choker Setter; Clean-up Laborers; Curing, Concrete; Demolition, Wrecking and Moving Laborers; Dumpers, road oiling crew; Dumpmen (for grading crew); Elevator Feeders; Median Rail Reference Post, Guide Post, Right of Way Marker; Fine Graders; Fire Watch; Form Strippers (not swinging stages); General Laborers; Hazardous Waste Worker; Leverman or Aggregate Spreader (Flaherty and similar types); Loading Spotters; Material Yard Man (including electrical); Pittsburgh Chipper Operator or Similar Types; Railroad Track Laborers; Ribbon Setters (including steel forms); Rip Rap Man (hand placed); Road Pump Tender; Sewer Labor; Signalman; Skipman; Slopers; Spraymen; Stake Chaser; Stockpiler; Tie Back Shoring; Timber Faller and Bucker (hand labor); Toolroom Man (at job site); Tunnel Bullgang (above ground); Weight-Man- Crusher (aggregate when used)

GROUP 2: Applicator (including pot power tender for same), applying protective material by hand or nozzle on utility lines or storage tanks on project; Brush Cutters (power saw); Burners; Choker Splicer; Clary Power Spreader and similar types; Clean- up Nozzleman-Green Cutter (concrete, rock, etc.); Concrete Power Buggyman; Concrete Laborer; Crusher Feeder; Demolition and Wrecking Charred Materials; Gunite Nozzleman Tender; Gunite or Sand Blasting Pot Tender; Handlers or Mixers of all Materials of an irritating nature (including cement and lime); Tool Operators (includes but not limited to: Dry Pack Machine; Jackhammer; Chipping Guns; Paving Breakers); Pipe Doping and Wrapping; Post Hole Digger, air, gas or electric; Vibrating Screed; Tampers; Sand Blasting (Wet); Stake-Setter; Tunnel-Muckers, Brakemen, Concrete Crew, Bullgang (underground)

GROUP 3: Asbestos Removal; Bit Grinder; Drill Doctor; Drill Operators, air tracks, cat drills, wagon drills, rubber-mounted drills, and other similar types including at crusher plants; Gunite Nozzleman; High Scalars, Strippers and Drillers (covers work in swinging stages, chairs or belts, under extreme conditions unusual to normal drilling, blasting, barring-down, or sloping and stripping); Manhole Builder; Powdermen; Concrete Saw Operator; Pwdermen; Power Saw Operators (Bucking and Falling); Pumpcrete Nozzlemen; Sand Blasting (Dry); Sewer Timberman; Track Liners, Anchor Machines, Ballast Regulators, Multiple Tampers, Power Jacks, Tugger Operator; Tunnel-Chuck Tenders, Nippers and Timbermen; Vibrator; Water Blaster

GROUP 4: Asphalt Raker; Concrete Saw Operator (walls); Concrete Nozzelman; Grade Checker; Pipelayer; Laser Beam (pipelaying)-applicable when employee assigned to move, set up, align; Laser Beam; Tunnel Miners; Motorman-Dinky Locomotive-Tunnel; Powderman-Tunnel; Shield Operator-Tunnel

GROUP 5: Traffic Flaggers

GROUP 6: Fence Builders

GROUP 7: Landscaping or Planting Laborers

LABO0335-019 09/01/2013

|                  | Rates    | Fringes |
|------------------|----------|---------|
| Hod Carrier..... | \$ 30.47 | 10.05   |

PAIN0005-002 07/01/2014

STATEWIDE EXCEPT CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHKIAKUM COUNTIES

|                            | Rates    | Fringes |
|----------------------------|----------|---------|
| Painters:<br>STRIPERS..... | \$ 28.50 | 14.61   |

PAIN0005-004 03/01/2009

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES

|              | Rates    | Fringes |
|--------------|----------|---------|
| PAINTER..... | \$ 20.82 | 7.44    |

PAIN0005-006 07/01/2014

ADAMS, ASOTIN; BENTON AND FRANKLIN (EXCEPT HANFORD SITE);  
CHELAN, COLUMBIA, DOUGLAS, FERRY, GARFIELD, GRANT, KITITITAS,  
LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA,  
WHITMAN AND YAKIMA COUNTIES

|  | Rates    | Fringes |
|--|----------|---------|
| <b>PAINTER</b>   |          |         |
| Application of Cold Tar Products, Epoxies, Polyurethanes, Acids, Radiation Resistant Material, Water and Sandblasting..... | \$ 26.65 | 10.48   |
| Over 30'/Swing Stage Work..  | \$ 22.20 | 7.98    |
| Brush, Roller, Striping, Steam-cleaning and Spray....  | \$ 21.55 | 10.48   |
| Lead Abatement, Asbestos Abatement.....  | \$ 21.50 | 7.98    |

\*\$.70 shall be paid over and above the basic wage rates listed for work on swing stages and high work of over 30 feet.

-----  
\* PAIN0055-003 10/01/2014

CLARK, COWLITZ, KLICKITAT, PACIFIC, SKAMANIA, AND WAHKIAKUM COUNTIES

|  | Rates    | Fringes |
|--|----------|---------|
| <b>Painters:</b>                           |          |         |
| Brush & Roller.....                        | \$ 20.77 | 9.70    |
| High work - All work 60 ft. or higher..... | \$ 21.52 | 9.70    |
| Spray and Sandblasting.....                | \$ 20.77 | 9.70    |

-----  
PAIN0055-006 07/01/2013

CLARK, COWLITZ, KLICKITAT, SKAMANIA and WAHKIAKUM COUNTIES

|                                    | Rates    | Fringes |
|------------------------------------|----------|---------|
| <b>Painters:</b>                   |          |         |
| HIGHWAY & PARKING LOT STRIPER..... | \$ 33.41 | 10.36   |

WA140001 Modification 17  
Federal Wage Determinations for Highway Construction

PLAS0072-004 06/01/2013

ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, KITITITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA COUNTIES

|   | Rates    | Fringes |
|---|----------|---------|
| <b>CEMENT MASON/CONCRETE FINISHER</b>                   |          |         |
| ZONE 1.....   | \$ 26.01 | 12.14   |
| Zone Differential (Add to Zone 1 rate): Zone 2 - \$2.00 |          |         |
| <b>BASE POINTS: Spokane, Pasco, Lewiston; Wenatchee</b> |          |         |
| Zone 1: 0 - 45 radius miles from the main post office   |          |         |
| Zone 2: Over 45 radius miles from the main post office  |          |         |

-----  
PLAS0528-001 06/01/2014

CLALLAM, COWLITZ, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC, PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON, WAHKIAKUM AND WHATCOM COUNTIES

|  | Rates    | Fringes |
|--|----------|---------|
| <b>Cement Masons:</b>  |          |         |
| CEMENT MASON.....  | \$ 37.43 | 14.95   |
| COMPOSITION, TROWEL MACHINE, GRINDER, POWER TOOLS, GUNNITE NOZZLE..... | \$ 37.43 | 14.95   |
| TROWLING MACHINE OPERATOR ON COMPOSITION.....                          | \$ 37.93 | 14.95   |

-----  
PLAS0555-002 06/01/2014

CLARK, KLICKITAT AND SKAMANIA COUNTIES

|   | Rates    | Fringes |
|---|----------|---------|
| <b>ZONE 1:</b>  |          |         |
| <b>Cement Masons:</b>   |          |         |
| CEMENT MASONS DOING BOTH COMPOSITION/POWER MACHINERY AND SUSPENDED/HANGING SCAFFOLD.. | \$ 30.58 | 17.76   |
| CEMENT MASONS ON SUSPENDED, SWINGING AND/OR HANGING SCAFFOLD.....                     | \$ 30.58 | 17.76   |
| CEMENT MASONS.....  | \$ 29.98 | 17.76   |
| COMPOSITION WORKERS AND POWER MACHINERY OPERATORS...                                  | \$ 31.18 | 17.76   |

WA140001 Modification 17  
Federal Wage Determinations for Highway Construction

Zone Differential (Add To Zone 1 Rates):

Zone 2 - \$0.65  
 Zone 3 - 1.15  
 Zone 4 - 1.70  
 Zone 5 - 3.00

BASE POINTS: BEND, CORVALLIS, EUGENE, MEDFORD, PORTLAND, SALEM, THE DALLES, VANCOUVER

ZONE 1: Projects within 30 miles of the respective city hall  
 ZONE 2: More than 30 miles but less than 40 miles from the respective city hall.  
 ZONE 3: More than 40 miles but less than 50 miles from the respective city hall.  
 ZONE 4: More than 50 miles but less than 80 miles from the respective city hall.  
 ZONE 5: More than 80 miles from the respective city hall

-----  
 TEAM0037-002 06/01/2014

CLARK, COWLITZ, KLICKITAT, PACIFIC (South of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), SKAMANIA, AND WAHKIAKUM COUNTIES

Rates Fringes

Truck drivers:

|              |          |       |
|--------------|----------|-------|
| ZONE 1       |          |       |
| GROUP 1..... | \$ 26.90 | 14.37 |
| GROUP 2..... | \$ 27.02 | 14.37 |
| GROUP 3..... | \$ 27.15 | 14.37 |
| GROUP 4..... | \$ 27.41 | 14.37 |
| GROUP 5..... | \$ 27.63 | 14.37 |
| GROUP 6..... | \$ 27.79 | 14.37 |
| GROUP 7..... | \$ 27.99 | 14.37 |

Zone Differential (Add to Zone 1 Rates):

Zone 2 - \$0.65  
 Zone 3 - 1.15  
 Zone 4 - 1.70  
 Zone 5 - 2.75

BASE POINTS: ASTORIA, THE DALLES, LONGVIEW AND VANCOUVER

ZONE 1: Projects within 30 miles of the respective city hall.  
 ZONE 2: More than 30 miles but less than 40 miles from the respective city hall.  
 ZONE 3: More than 40 miles but less than 50 miles from the respective city hall.  
 ZONE 4: More than 50 miles but less than 80 miles from the respective city hall.  
 ZONE 5: More than 80 miles from the respective city hall.

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: A Frame or Hydra lift truck w/load bearing surface; Articulated Dump Truck; Battery Rebuilders; Bus or Manhaul Driver; Concrete Buggies (power operated); Concrete Pump Truck; Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations there of: up to and including 10 cu. yds.; Lift Jitneys, Fork Lifts (all sizes in loading, unloading and transporting material on job site); Loader and/or Leverman on Concrete Dry Batch Plant (manually operated); Pilot Car; Pickup Truck; Solo Flat Bed and misc. Body Trucks, 0-10 tons; Truck Tender; Truck Mechanic Tender; Water Wagons (rated capacity) up to 3,000 gallons; Transit Mix and Wet or Dry Mix - 5 cu. yds. and under; Lubrication Man, Fuel Truck Driver, Tireman, Wash Rack, Steam Cleaner or combinations; Team Driver; Slurry Truck Driver or Leverman; Tireman

GROUP 2: Boom Truck/Hydra-lift or Retracting Crane; Challenger; Dumpsters or similar equipment all sizes; Dump Trucks/Articulated Dumps 6 cu to 10 cu.; Flaherty Spreader Driver or Leverman; Lowbed Equipment, Flat Bed Semi-trailer or doubles transporting equipment or wet or dry materials; Lumber Carrier, Driver-Straddle Carrier (used in loading, unloading and transporting of materials on job site); Oil Distributor Driver or Leverman; Transit mix and wet or dry mix trucks: over 5 cu. yds. and including 7 cu. yds.; Vacuum Trucks; Water truck/Wagons (rated capacity) over 3,000 to 5,000 gallons

GROUP 3: Ammonia Nitrate Distributor Driver; Dump trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 10 cu. yds. and including 30 cu. yds. includes Articulated Dump Trucks; Self-Propelled Street Sweeper; Transit mix and wet or dry mix truck: over 7 cu yds. and including 11 cu yds.; Truck Mechanic-Welder-Body Repairman; Utility and Clean-up Truck; Water Wagons (rated capacity) over 5,000 to 10,000 gallons

GROUP 4: Asphalt Burner; Dump Trucks, side, end and bottom cumps, including Semi-Trucks and Trains or combinations thereof: over 30 cu. yds. and including 50 cu. yds. includes Articulated Dump Trucks; Fire Guard; Transit Mix and Wet or Dry Mix Trucks, over 11 cu. yds. and including 15 cu. yds.; Water Wagon (rated capacity) over 10,000 gallons to 15,000 gallons

GROUP 5: Composite Crewman; Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 50 cu. yds. and including 60 cu. yds. includes Articulated Dump Trucks

GROUP 6: Bulk Cement Spreader w/o Auger; Dry Pre-Batch concrete Mix Trucks; Dump trucks, side, end and bottom dumps, including Semi Trucks and Trains of combinations thereof: over 60 cu. yds. and including 80 cu. yds., and includes Articulated Dump Trucks; Skid Truck

GROUP 7: Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 80 cu. yds. and including 100 cu. yds., includes Articulated Dump Trucks; Industrial Lift Truck (mechanical tailgate)

-----  
TEAM0174-001 01/01/2014

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (North of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES

Rates Fringes

Truck drivers:

ZONE A:

|               |          |       |
|---------------|----------|-------|
| GROUP 1:..... | \$ 32.18 | 16.69 |
| GROUP 2:..... | \$ 31.34 | 16.69 |
| GROUP 3:..... | \$ 28.53 | 16.69 |
| GROUP 4:..... | \$ 23.56 | 16.69 |
| GROUP 5:..... | \$ 31.73 | 16.69 |

ZONE B (25-45 miles from center of listed cities\*): Add \$.70 per hour to Zone A rates.

ZONE C (over 45 miles from centr of listed cities\*): Add \$1.00 per hour to Zone A rates.

\*Zone pay will be calculated from the city center of the following listed cities:

|            |               |            |           |
|------------|---------------|------------|-----------|
| BELLINGHAM | CENTRALIA     | RAYMOND    | OLYMPIA   |
| EVERETT    | SHELTON       | ANACORTES  | BELLEVUE  |
| SEATTLE    | PORT ANGELES  | MT. VERNON | KENT      |
| TACOMA     | PORT TOWNSEND | ABERDEEN   | BREMERTON |

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1 - "A-frame or Hydralift" trucks and Boom trucks or similar equipment when "A" frame or "Hydralift" and Boom truck or similar equipment is used; Buggymobile; Bulk Cement Tanker; Dumpsters and similar equipment, Tournorockers, Tournowagon, Tournotrailer, Cat DW series, Terra Cobra, Le Tourneau, Westinghouse, Athye Wagon, Euclid Two and Four-Wheeled power tractor with trailer and similar top-loaded equipment transporting material: Dump Trucks, side, end and bottom dump, including semi-trucks and trains or combinations thereof with 16 yards to 30 yards capacity: Over 30 yards \$.15 per hour additional for each 10 yard increment; Explosive Truck (field mix) and similar equipment; Hyster Operators (handling bulk loose aggregates); Lowbed and Heavy Duty Trailer; Road Oil Distributor Driver; Spreader, Flaherty Transit mix used exclusively in heavy construction; Water Wagon and Tank Truck-3,000 gallons and over capacity

GROUP 2 - Bulllifts, or similar equipment used in loading or unloading trucks, transporting materials on job site; Dumpsters, and similar equipment, Tournorockers, Tournowagon, Turnotrailer, Cat. D.W. Series, Terra Cobra, Le Tourneau, Westinghouse, Athye wagon, Euclid two and four-wheeled power tractor with trailer and similar top-loaded equipment transporting material: Dump trucks, side, end and bottom dump, including semi-trucks and trains or combinations thereof with less than 16 yards capacity; Flatbed (Dual Rear Axle); Grease Truck, Fuel Truck, Greaser, Battery Service Man and/or Tire Service Man; Leverman and loader at bunkers and batch plants; Oil tank transport; Scissor truck; Slurry Truck; Sno-Go and similar equipment; Swampers; Straddler Carrier (Ross, Hyster) and similar equipment; Team Driver; Tractor (small, rubber-tired)(when used within Teamster jurisdiction); Vacuum truck; Water Wagon and Tank trucks-less than 3,000 gallons capacity; Winch Truck; Wrecker, Tow truck and similar equipment

GROUP 3 - Flatbed (single rear axle); Pickup Sweeper; Pickup Truck. (Adjust Group 3 upward by \$2.00 per hour for onsite work only)

GROUP 4 - Escort or Pilot Car

GROUP 5 - Mechanic

HAZMAT PROJECTS

Anyone working on a HAZMAT job, where HAZMAT certification is required, shall be compensated as a premium, in addition to the classification working in as follows:  
LEVEL C: +\$.25 per hour - This level uses an air purifying respirator or additional protective clothing.  
LEVEL B: +\$.50 per hour - Uses same respirator protection as Level A. Supplied air line is provided in conjunction with a chemical "splash suit."  
LEVEL A: +\$.75 per hour - This level utilizes a fully-encapsulated suit with a self-contained breathing apparatus or a supplied air line.

TEAM0690-004 01/01/2014

ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN, OKANOGAN, PENN OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA COUNTIES

Rates Fringes

Truck drivers: (AREA 1:  
SPOKANE ZONE CENTER: Adams, Chelan, Douglas, Ferry, Grant, Kittitas, Lincoln, Okanogan, Pen Oreille, Spokane, Stevens, and Whitman Counties

AREA 1: LEWISTON ZONE CENTER:  
Asotin, Columbia, and Garfield Counties

AREA 2: PASCO ZONE CENTER:  
Benton, Franklin, Walla Walla and Yakima Counties)

|              |          |       |
|--------------|----------|-------|
| AREA 1:      |          |       |
| GROUP 1..... | \$ 20.17 | 15.19 |
| GROUP 2..... | \$ 22.44 | 15.19 |
| GROUP 3..... | \$ 22.94 | 15.19 |
| GROUP 4..... | \$ 23.27 | 15.19 |
| GROUP 5..... | \$ 23.38 | 15.19 |
| GROUP 6..... | \$ 23.55 | 15.19 |
| GROUP 7..... | \$ 24.08 | 15.19 |
| GROUP 8..... | \$ 24.44 | 15.19 |
| AREA 2       |          |       |
| GROUP 1..... | \$ 21.77 | 15.19 |
| GROUP 2..... | \$ 24.31 | 15.19 |
| GROUP 3..... | \$ 24.42 | 15.19 |
| GROUP 4..... | \$ 24.75 | 15.19 |
| GROUP 5..... | \$ 24.86 | 15.19 |
| GROUP 6..... | \$ 25.02 | 15.19 |
| GROUP 7..... | \$ 25.56 | 15.19 |
| GROUP 8..... | \$ 25.88 | 15.19 |

Zone Differential (Add to Zone 1 rate: Zone 2 + \$2.00)

BASE POINTS: Spokane, Pasco, Lewiston  
Zone 1: 0-45 radius miles from the main post office.  
Zone 2: Outside 45 radius miles from the main post office

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Escort Driver or Pilot Car; Employee Haul; Power Boat Hauling Employees or Material

GROUP 2: Fish Truck; Flat Bed Truck; Fork Lift (3000 lbs. and under); Leverperson (loading trucks at bunkers); Trailer Mounted Hydro Seeder and Mulcher; Seeder & Mulcher; Stationary Fuel Operator; Tractor (small, rubber-tired, pulling trailer or similar equipment)

WA140001 Modification 17  
Federal Wage Determinations for Highway Construction

GROUP 3: Auto Crane (2000 lbs. capacity); Buggy Mobile & Similar; Bulk Cement Tanks & Spreader; Dumptor (6 yds. & under); Flat Bed Truck with Hydraulic System; Fork Lift (3001-16,000 lbs.); Fuel Truck Driver, Steamcleaner & Washer; Power Operated Sweeper; Rubber-tired Tunnel Jumbo; Scissors Truck; Slurry Truck Driver; Straddle Carrier (Ross, Hyster, & similar); Tireperson; Transit Mixers & Truck Hauling Concrete (3 yd. to & including 6 yds.); Trucks, side, end, bottom & articulated end dump (3 yards to and including 6 yds.); Warehouseperson (to include shipping & receiving); Wrecker & Tow Truck

GROUP 4: A-Frame; Burner, Cutter, & Welder; Service Greaser; Trucks, side, end, bottom & articulated end dump (over 6 yards to and including 12 yds.); Truck Mounted Hydro Seeder; Warehouseperson; Water Tank truck (0-8,000 gallons)

GROUP 5: Dumptor (over 6 yds.); Lowboy (50 tons & under); Self-loading Roll Off; Semi-Truck & Trailer; Tractor with Steer Trailer; Transit Mixers and Trucks Hauling Concrete (over 6 yds. to and including 10 yds.); Trucks, side, end, bottom and end dump (over 12 yds. to & including 20 yds.); Truck-Mounted Crane (with load bearing surface either mounted or pulled, up to 14 ton); Vacuum Truck (super sucker, guzzler, etc.)

GROUP 6: Flaherty Spreader Box Driver; Flowboys; Fork Lift (over 16,000 lbs.); Dumps (Semi-end); Mechanic (Field); Semi-end Dumps; Transfer Truck & Trailer; Transit Mixers & Trucks Hauling Concrete (over 10 yds. to & including 20 yds.); Trucks, side, end, bottom and articulated end dump (over 20 yds. to & including 40 yds.); Truck and Pup; Tournarocker, DWs & similar with 2 or more 4 wheel-power tractor with trailer, gallonage or yardage scale, whichever is greater Water Tank Truck (8,001- 14,000 gallons); Lowboy (over 50 tons)

GROUP 7: Oil Distributor Driver; Stringer Truck (cable operated trailer); Transit Mixers & Trucks Hauling Concrete (over 20 yds.); Truck, side, end, bottom end dump (over 40 yds. to & including 100 yds.); Truck Mounted Crane (with load bearing surface either mounted or pulled (16 through 25 tons);

GROUP 8: Prime Movers and Stinger Truck; Trucks, side, end, bottom and articulated end dump (over 100 yds.); Helicopter Pilot Hauling Employees or Materials

Footnote A - Anyone working on a HAZMAT job, where HAZMAT certification is required, shall be compensated as a premium, in addition to the classification working in as follows:

LEVEL C-D: - \$.50 PER HOUR (This is the lowest level of protection. This level may use an air purifying respirator or additional protective clothing.

WA140001 Modification 17  
Federal Wage Determinations for Highway Construction

LEVEL A-B: - \$1.00 PER HOUR (Uses supplied air in conjunction with a chemical splash suit or fully encapsulated suit with a self-contained breathing apparatus.

Employees shall be paid Hazmat pay in increments of four(4) and eight(8) hours.

NOTE:

Trucks Pulling Equipment Trailers: shall receive \$.15/hour over applicable truck rate

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters , PLUM, indicate the international union and the four-digit number, 0198, that follows indicates the local union number or district council number where applicable , i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rates.

0000/9999: weighted union wage rates will be published annually each January.

Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union majority rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
\* a survey underlying a wage determination
\* a Wage and Hour Division letter setting forth a position on a wage determination matter
\* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

=====

END OF GENERAL DECISION



State of Washington  
Department of Labor & Industries  
Prevailing Wage Section - Telephone 360-902-5335  
PO Box 44540, Olympia, WA 98504-4540

**Washington State Prevailing Wage**

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

**Journey Level Prevailing Wage Rates for the Effective Date: 12/08/14**

| County  | Trade  | Job Classification                   | Wage    | Holiday | Overtime | Notes |
|---------|--|--------------------------------------|---------|---------|----------|-------|
| Whitman | Asbestos Abatement Workers                   | Journey Level                        | \$35.46 | 5D      | 1H       |       |
| Whitman | Boilermakers                                 | Journey Level                        | \$64.44 | 5N      | 1C       |       |
| Whitman | Brick Mason                                  | Journey Level                        | \$43.35 | 5A      | 1M       |       |
| Whitman | Building Service Employees                   | Janitor                              | \$9.32  |         | 1        |       |
| Whitman | Building Service Employees                   | Shampooer                            | \$11.14 |         | 1        |       |
| Whitman | Building Service Employees                   | Waxer                                | \$9.32  |         | 1        |       |
| Whitman | Building Service Employees                   | Window Cleaner                       | \$9.32  |         | 1        |       |
| Whitman | Cabinet Makers (In Shop)                     | Journey Level                        | \$12.00 |         | 1        |       |
| Whitman | Carpenters                                   | Carpenters                           | \$40.20 | 5A      | 1B       | 8N    |
| Whitman | Cement Masons                                | Journey Level                        | \$38.85 | 7B      | 1N       |       |
| Whitman | Divers & Tenders                             | Diver                                | \$85.18 | 5A      | 1B       | 8A    |
| Whitman | Divers & Tenders                             | Diver on Standby                     | \$49.16 | 5A      | 1B       |       |
| Whitman | Divers & Tenders                             | Diver Tender                         | \$48.16 | 5A      | 1B       |       |
| Whitman | Divers & Tenders                             | Diving Master                        | \$57.86 | 5A      | 1B       |       |
| Whitman | Divers & Tenders                             | Surface RCV & ROV Operator           | \$48.16 | 5A      | 1B       |       |
| Whitman | Divers & Tenders                             | Surface RCV & ROV Operator Tender    | \$46.41 | 5A      | 1B       |       |
| Whitman | Dredge Workers                               | Assistant Engineer                   | \$53.00 | 5D      | 3F       |       |
| Whitman | Dredge Workers                               | Assistant Mate (Deckhand)            | \$52.58 | 5D      | 3F       |       |
| Whitman | Dredge Workers                               | Boatmen                              | \$52.30 | 5D      | 3F       |       |
| Whitman | Dredge Workers                               | Engineer Welder                      | \$54.04 | 5D      | 3F       |       |
| Whitman | Dredge Workers                               | Leverman, Hydraulic                  | \$55.17 | 5D      | 3F       |       |
| Whitman | Dredge Workers                               | Mates                                | \$52.30 | 5D      | 3F       |       |
| Whitman | Dredge Workers                               | Oiler                                | \$52.58 | 5D      | 3F       |       |
| Whitman | Drywall Applicator                           | Journey Level                        | \$40.20 | 5A      | 1B       | 8N    |
| Whitman | Drywall Tapers                               | Journey Level                        | \$21.03 |         | 1        |       |
| Whitman | Electrical Fixture Maintenance Workers       | Journey Level                        | \$9.32  |         | 1        |       |
| Whitman | Electricians - Inside                        | Journeyman                           | \$46.25 | 7G      | 1E       |       |
| Whitman | Electricians - Motor Shop                    | Craftsman                            | \$15.37 |         | 1        |       |
| Whitman | Electricians - Motor Shop                    | Journey Level                        | \$14.69 |         | 1        |       |
| Whitman | Electricians - Powerline Construction        | Cable Splicer                        | \$68.33 | 5A      | 4A       |       |
| Whitman | Electricians - Powerline Construction        | Certified Line Welder                | \$62.50 | 5A      | 4A       |       |
| Whitman | Electricians - Powerline Construction        | Groundperson                         | \$42.56 | 5A      | 4A       |       |
| Whitman | Electricians - Powerline Construction        | Heavy Line Equipment Operator        | \$62.50 | 5A      | 4A       |       |
| Whitman | Electricians - Powerline Construction        | Journey Level Lineperson             | \$62.50 | 5A      | 4A       |       |
| Whitman | Electricians - Powerline Construction        | Line Equipment Operator              | \$52.47 | 5A      | 4A       |       |
| Whitman | Electricians - Powerline Construction        | Pole Sprayer                         | \$62.50 | 5A      | 4A       |       |
| Whitman | Electricians - Powerline Construction        | Powderperson                         | \$46.55 | 5A      | 4A       |       |
| Whitman | Electronic Technicians                       | Journey Level                        | \$20.80 |         | 1        |       |
| Whitman | Elevator Constructors                        | Mechanic                             | \$80.14 | 7D      | 4A       |       |
| Whitman | Elevator Constructors                        | Mechanic In Charge                   | \$86.77 | 7D      | 4A       |       |
| Whitman | Fabricated Precast Concrete Products         | Journey Level - In-Factory Work Only | \$9.96  |         | 1        |       |
| Whitman | Fence Erectors                               | Fence Erector                        | \$17.29 |         | 1        |       |
| Whitman | Flaggers                                     | Journey Level                        | \$33.01 | 7B      | 1M       |       |
| Whitman | Glaziers                                     | Journey Level                        | \$15.63 |         | 1        |       |
| Whitman | Heat & Frost Insulators And Asbestos Workers | Journey Level                        | \$22.73 |         | 1        |       |
| Whitman | Heating Equipment Mechanics                  | Journey Level                        | \$22.34 |         | 1        |       |
| Whitman | Hod Carriers & Mason Tenders                 | Journey Level                        | \$36.34 | 7B      | 1M       |       |

|         |  |   |         |    |    |    |
|---------|--|---|---------|----|----|----|
| Whitman | Industrial Power Vacuum Cleaner  | Journey Level   | \$9.32  |    | 1  |    |
| Whitman | Inland Boatmen   | Journey Level   | \$9.32  |    | 1  |    |
| Whitman | Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control | Cleaner Operator, Foamer Operator   | \$9.73  |    | 1  |    |
| Whitman | Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control | Grout Truck Operator  | \$11.48 |    | 1  |    |
| Whitman | Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control | Head Operator   | \$12.78 |    | 1  |    |
| Whitman | Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control | Technician  | \$9.32  |    | 1  |    |
| Whitman | Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control | Tv Truck Operator   | \$10.53 |    | 1  |    |
| Whitman | Insulation Applicators   | Journey Level   | \$40.20 | 5A | 1B | 8N |
| Whitman | Ironworkers  | Journeyman  | \$54.68 | 7N | 1O |    |
| Whitman | Laborers   | Air And Hydraulic Track Drill   | \$35.65 | 7B | 1M |    |
| Whitman | Laborers   | Asphalt Raker   | \$35.65 | 7B | 1M |    |
| Whitman | Laborers   | Asphalt Roller, Walking   | \$35.38 | 7B | 1M |    |
| Whitman | Laborers   | Brick Pavers  | \$35.11 | 7B | 1M |    |
| Whitman | Laborers   | Brush Hog Feeder  | \$35.11 | 7B | 1M |    |
| Whitman | Laborers   | Brush Machine   | \$35.65 | 7B | 1M |    |
| Whitman | Laborers   | Caisson Worker, Free Air  | \$35.65 | 7B | 1M |    |
| Whitman | Laborers   | Carpenter Tender  | \$35.11 | 7B | 1M |    |
| Whitman | Laborers   | Cement Finisher Tender  | \$35.38 | 7B | 1M |    |
| Whitman | Laborers   | Cement Handler  | \$35.11 | 7B | 1M |    |
| Whitman | Laborers   | Chain Saw Operator & Faller   | \$35.65 | 7B | 1M |    |
| Whitman | Laborers   | Clean-up Laborer  | \$35.11 | 7B | 1M |    |
| Whitman | Laborers   | Compaction Equipment  | \$35.38 | 7B | 1M |    |
| Whitman | Laborers   | Concrete Crewman  | \$35.11 | 7B | 1M |    |
| Whitman | Laborers   | Concrete Saw, Walking   | \$35.38 | 7B | 1M |    |
| Whitman | Laborers   | Concrete Signalman  | \$35.11 | 7B | 1M |    |
| Whitman | Laborers   | Concrete Stack  | \$35.65 | 7B | 1M |    |
| Whitman | Laborers   | Confined Space Attendant  | \$35.11 | 7B | 1M |    |
| Whitman | Laborers   | Crusher Feeder  | \$35.11 | 7B | 1M |    |
| Whitman | Laborers   | Demolition  | \$35.11 | 7B | 1M |    |
| Whitman | Laborers   | Demolition Torch  | \$35.38 | 7B | 1M |    |
| Whitman | Laborers   | Dope Pot Fireman, Non-mechanical  | \$35.38 | 7B | 1M |    |
| Whitman | Laborers   | Driller Helper (when Required To Move & Position Machine)   | \$35.38 | 7B | 1M |    |
| Whitman | Laborers   | Drills With Dual Masts  | \$35.93 | 7B | 1M |    |
| Whitman | Laborers   | Dry Stack Walls   | \$35.11 | 7B | 1M |    |
| Whitman | Laborers   | Dumpman   | \$35.11 | 7B | 1M |    |
| Whitman | Laborers   | Erosion Control Laborer   | \$35.11 | 7B | 1M |    |
| Whitman | Laborers   | Final Detail Cleanup (i.e., Dusting, Vacuuming, Window Cleaning; Not Construction Debris Cleanup) | \$33.01 | 7B | 1M |    |
| Whitman | Laborers   | Firewatch   | \$35.11 | 7B | 1M |    |
| Whitman | Laborers   | Form Cleaning Machine Feeder, Stacker   | \$35.11 | 7B | 1M |    |
| Whitman | Laborers   | Form Setter, Paving   | \$35.38 | 7B | 1M |    |
| Whitman | Laborers   | General Laborer   | \$35.11 | 7B | 1M |    |
| Whitman | Laborers   | Grade Checker   | \$37.64 | 7B | 1M |    |
| Whitman | Laborers   | Grout Machine Header Tender   | \$35.11 | 7B | 1M |    |
| Whitman | Laborers   | Guard Rail  | \$35.11 | 7B | 1M |    |
| Whitman | Laborers   | Gunite  | \$35.65 | 7B | 1M |    |
| Whitman | Laborers   | Hazardous Waste Worker (level A)  | \$35.93 | 7B | 1M |    |
| Whitman | Laborers   | Hazardous Waste Worker (level B)  | \$35.65 | 7B | 1M |    |
| Whitman | Laborers   | Hazardous Waste Worker (level C)  | \$35.38 | 7B | 1M |    |
| Whitman | Laborers   | Hazardous Waste Worker (level D)  | \$35.11 | 7B | 1M |    |
| Whitman | Laborers   | Hdpe Or Similar Liner Installer   | \$35.11 | 7B | 1M |    |
| Whitman | Laborers   | High Scaler   | \$35.65 | 7B | 1M |    |
| Whitman | Laborers   | Jackhammer Operator Miner, Class b'''   | \$35.38 | 7B | 1M |    |
| Whitman | Laborers   | Laser Beam Operator   | \$35.65 | 7B | 1M |    |
| Whitman | Laborers   | Miner, Class a'''   | \$35.11 | 7B | 1M |    |

|         |                                      |  |         |    |    |    |
|---------|--------------------------------------|--|---------|----|----|----|
| Whitman | Laborers                             | Miner, Class c'''  | \$35.65 | 7B | 1M |    |
| Whitman | Laborers                             | Miner, Class d'''  | \$35.93 | 7B | 1M |    |
| Whitman | Laborers                             | Monitor Operator, Air Track Or Similar Mounting                        | \$35.65 | 7B | 1M |    |
| Whitman | Laborers                             | Mortar Mixer   | \$35.65 | 7B | 1M |    |
| Whitman | Laborers                             | Nipper   | \$35.11 | 7B | 1M |    |
| Whitman | Laborers                             | Nozzleman  | \$35.65 | 7B | 1M |    |
| Whitman | Laborers                             | Nozzleman, Water (to Include Fire Hose), Air Or Steam                  | \$35.38 | 7B | 1M |    |
| Whitman | Laborers                             | Pavement Breaker, 90 Lbs. & Over                                       | \$35.65 | 7B | 1M |    |
| Whitman | Laborers                             | Pavement Breaker, Under 90 Lbs.  | \$35.38 | 7B | 1M |    |
| Whitman | Laborers                             | Pipelayer  | \$35.65 | 7B | 1M |    |
| Whitman | Laborers                             | Pipelayer, Corrugated Metal Culvert And Multi-plate                    | \$35.38 | 7B | 1M |    |
| Whitman | Laborers                             | Pipewrapper  | \$35.65 | 7B | 1M |    |
| Whitman | Laborers                             | Plaster Tenders  | \$35.65 | 7B | 1M |    |
| Whitman | Laborers                             | Pot Tender   | \$35.38 | 7B | 1M |    |
| Whitman | Laborers                             | Powderman  | \$37.30 | 7B | 1M |    |
| Whitman | Laborers                             | Powderman Helper   | \$35.38 | 7B | 1M |    |
| Whitman | Laborers                             | Power Buggy Operator   | \$35.38 | 7B | 1M |    |
| Whitman | Laborers                             | Power Tool Operator, Gas, Electric, Pneumatic                          | \$35.38 | 7B | 1M |    |
| Whitman | Laborers                             | Railroad Equipment, Power Driven, Except Dual Mobile                   | \$35.38 | 7B | 1M |    |
| Whitman | Laborers                             | Railroad Power Spiker Or Puller, Dual Mobile                           | \$35.38 | 7B | 1M |    |
| Whitman | Laborers                             | Remote Equipment Operator  | \$35.93 | 7B | 1M |    |
| Whitman | Laborers                             | Remote Equipment Operator (i.e. Compaction And Demolition)             | \$35.38 | 7B | 1M |    |
| Whitman | Laborers                             | Rigger/signal Person   | \$35.38 | 7B | 1M |    |
| Whitman | Laborers                             | Riprap Person  | \$35.11 | 7B | 1M |    |
| Whitman | Laborers                             | Rodder & Spreader  | \$35.38 | 7B | 1M |    |
| Whitman | Laborers                             | Sandblast Tailhoseman  | \$35.11 | 7B | 1M |    |
| Whitman | Laborers                             | Scaffold Erector, Wood Or Steel  | \$35.11 | 7B | 1M |    |
| Whitman | Laborers                             | Stake Jumper   | \$35.11 | 7B | 1M |    |
| Whitman | Laborers                             | Structural Mover   | \$35.11 | 7B | 1M |    |
| Whitman | Laborers                             | Tailhoseman (water Nozzle)   | \$35.11 | 7B | 1M |    |
| Whitman | Laborers                             | Timber Bucker & Faller (by Hand)                                       | \$35.11 | 7B | 1M |    |
| Whitman | Laborers                             | Track Laborer (rr)   | \$35.11 | 7B | 1M |    |
| Whitman | Laborers                             | Traffic Control Laborer  | \$33.01 | 7B | 1M | 8T |
| Whitman | Laborers                             | Traffic Control Supervisor   | \$34.01 | 7B | 1M | 8S |
| Whitman | Laborers                             | Trencher, Shawnee  | \$35.38 | 7B | 1M |    |
| Whitman | Laborers                             | Trenchless Technology Technician                                       | \$35.65 | 7B | 1M |    |
| Whitman | Laborers                             | Truck Loader   | \$35.11 | 7B | 1M |    |
| Whitman | Laborers                             | Tugger Operator  | \$35.38 | 7B | 1M |    |
| Whitman | Laborers                             | Vibrators, All   | \$35.65 | 7B | 1M |    |
| Whitman | Laborers                             | Wagon Drills   | \$35.38 | 7B | 1M |    |
| Whitman | Laborers                             | Water Pipe Liner   | \$35.38 | 7B | 1M |    |
| Whitman | Laborers                             | Welder, Electric, Manual Or Automatic (hdpe Or Similar Pipe And Liner) | \$35.93 | 7B | 1M |    |
| Whitman | Laborers                             | Well-point Person  | \$35.11 | 7B | 1M |    |
| Whitman | Laborers                             | Wheelbarrow, Power Driven  | \$35.38 | 7B | 1M |    |
| Whitman | Laborers - Underground Sewer & Water | All Classifications  | \$24.26 |    | 1  |    |
| Whitman | Landscape Construction               | Irrigation Or Lawn Sprinkler Installers                                | \$9.32  |    | 1  |    |
| Whitman | Landscape Construction               | Landscape Equipment Operators Or Truck Drivers                         | \$9.32  |    | 1  |    |
| Whitman | Landscape Construction               | Landscaping Or Planting Laborers                                       | \$9.32  |    | 1  |    |
| Whitman | Lathers                              | Journey Level  | \$40.20 | 5A | 1B | 8N |
| Whitman | Marble Setters                       | Journey Level  | \$43.35 | 5A | 1M |    |
| Whitman | Metal Fabrication (In Shop)          | Fitter   | \$12.76 |    | 1  |    |
| Whitman | Metal Fabrication (In Shop)          | Laborer  | \$9.32  |    | 1  |    |
| Whitman | Metal Fabrication (In Shop)          | Machine Operator   | \$12.66 |    | 1  |    |

|         |  |                                      |         |      |    |    |
|---------|--|--------------------------------------|---------|------|----|----|
| Whitman | Metal Fabrication (In Shop)                            | Painter                              | \$10.20 |      | 1  |    |
| Whitman | Metal Fabrication (In Shop)                            | Welder                               | \$12.76 |      | 1  |    |
| Whitman | Millwright   | Journey Level                        | \$54.25 | 5A   | 1B | 8N |
| Whitman | Modular Buildings                                      | Journey Level                        | \$9.32  |      | 1  |    |
| Whitman | Painters   | Journey Level                        | \$29.36 | 6Z   | 1W |    |
| Whitman | Pile Driver  | Journey Level                        | \$41.21 | 5A   | 1B | 8N |
| Whitman | Plasterers   | Journey Level                        | \$38.53 | 7K   | 1N |    |
| Whitman | Playground & Park Equipment Installers                 | Journey Level                        | \$9.32  |      | 1  |    |
| Whitman | Plumbers & Pipefitters                                 | Journey Level                        | \$58.35 | 7E   | 1J |    |
| Whitman | Power Equipment Operators                              | Journey Level                        | \$17.00 |      | 1  |    |
| Whitman | Power Equipment Operators- Underground Sewer & Water   | Journey Level                        | \$28.54 |      | 1  |    |
| Whitman | Power Line Clearance Tree Trimmers                     | Journey Level In Charge              | \$44.86 | 5A   | 4A |    |
| Whitman | Power Line Clearance Tree Trimmers                     | Spray Person                         | \$42.58 | 5A   | 4A |    |
| Whitman | Power Line Clearance Tree Trimmers                     | Tree Equipment Operator              | \$44.86 | 5A   | 4A |    |
| Whitman | Power Line Clearance Tree Trimmers                     | Tree Trimmer                         | \$40.08 | 5A   | 4A |    |
| Whitman | Power Line Clearance Tree Trimmers                     | Tree Trimmer Groundperson            | \$30.20 | 5A   | 4A |    |
| Whitman | Refrigeration & Air Conditioning Mechanics             | Journey Level                        | \$17.34 |      | 1  |    |
| Whitman | Residential Brick Mason                                | Journey Level                        | \$43.35 | 5A   | 1M |    |
| Whitman | Residential Carpenters                                 | Journey Level                        | \$14.30 |      | 1  |    |
| Whitman | Residential Cement Masons                              | Journey Level                        | \$12.57 |      | 1  |    |
| Whitman | Residential Drywall Applicators                        | Journey Level                        | \$19.85 |      | 1  |    |
| Whitman | Residential Drywall Tapers                             | Journey Level                        | \$21.03 |      | 1  |    |
| Whitman | Residential Electricians                               | Journey Level                        | \$16.28 |      | 1  |    |
| Whitman | Residential Glaziers                                   | Journey Level                        | \$16.04 |      | 1  |    |
| Whitman | Residential Insulation Applicators                     | Journey Level                        | \$9.32  |      | 1  |    |
| Whitman | Residential Laborers                                   | Journey Level                        | \$19.74 |      | 1  |    |
| Whitman | Residential Marble Setters                             | Journey Level                        | \$43.35 | 5A   | 1M |    |
| Whitman | Residential Painters                                   | Journey Level                        | \$11.08 |      | 1  |    |
| Whitman | Residential Plumbers & Pipefitters                     | Journey Level                        | \$16.97 |      | 1  |    |
| Whitman | Residential Refrigeration & Air Conditioning Mechanics | Journey Level                        | \$9.32  |      | 1  |    |
| Whitman | Residential Sheet Metal Workers                        | Journey Level (Field or Shop)        | \$14.66 |      | 1  |    |
| Whitman | Residential Soft Floor Layers                          | Journey Level                        | \$15.50 |      | 1  |    |
| Whitman | Residential Sprinkler Fitters (Fire Protection)        | Journey Level                        | \$9.32  |      | 1  |    |
| Whitman | Residential Stone Masons                               | Journey Level                        | \$43.35 | 5A   | 1M |    |
| Whitman | Residential Terrazzo Workers                           | Journey Level                        | \$15.95 |      | 1  |    |
| Whitman | Residential Terrazzo/Tile Finishers                    | Journey Level                        | \$13.87 |      | 1  |    |
| Whitman | Residential Tile Setters                               | Journey Level                        | \$15.95 |      | 1  |    |
| Whitman | Roofers  | Journey Level                        | \$35.79 | 5I   | 1R |    |
| Whitman | Roofers  | Using Irritable Bituminous Materials | \$37.79 | 5I   | 1R |    |
| Whitman | Sheet Metal Workers                                    | Journey Level (Field or Shop)        | \$55.51 | 6Z   | 1B |    |
| Whitman | Sign Makers & Installers (Electrical)                  | Journey Level                        | \$13.91 |      | 1  |    |
| Whitman | Sign Makers & Installers (Non-Electrical)              | Journey Level                        | \$13.91 |      | 1  |    |
| Whitman | Soft Floor Layers                                      | Journey Level                        | \$15.79 |      | 1  |    |
| Whitman | Solar Controls For Windows                             | Journey Level                        | \$9.32  |      | 1  |    |
| Whitman | Sprinkler Fitters (Fire Protection)                    | Journey Level                        | \$49.26 | 7J   | 1R |    |
| Whitman | Stage Rigging Mechanics (Non Structural)               | Journey Level                        | \$13.23 |      | 1  |    |
| Whitman | Stone Masons   | Journey Level                        | \$43.35 | 5A   | 1M |    |
| Whitman | Street And Parking Lot Sweeper Workers                 | Journey Level                        | \$14.00 |      | 1  |    |
| Whitman | Surveyors  | Chain Person                         | \$9.32  | Null | 1  |    |
| Whitman | Surveyors  | Instrument Person                    | \$12.05 | Null | 1  |    |
| Whitman | Surveyors  | Party Chief                          | \$15.05 | Null | 1  |    |
| Whitman | Telecommunication Technicians                          | Journey Level                        | \$17.39 |      | 1  |    |
| Whitman | Telephone Line Construction - Outside                  | Cable Splicer                        | \$36.96 | 5A   | 2B |    |
| Whitman | Telephone Line Construction - Outside                  | Hole Digger/Ground Person            | \$20.49 | 5A   | 2B |    |
| Whitman | Telephone Line Construction - Outside                  | Installer (Repairer)                 | \$35.40 | 5A   | 2B |    |
| Whitman | Telephone Line Construction - Outside                  | Special Aparatus Installer I         | \$36.96 | 5A   | 2B |    |
| Whitman | Telephone Line Construction - Outside                  | Special Apparatus Installer II       | \$36.19 | 5A   | 2B |    |
| Whitman | Telephone Line Construction - Outside                  | Telephone Equipment Operator (Heavy) | \$36.96 | 5A   | 2B |    |
| Whitman | Telephone Line Construction - Outside                  | Telephone Equipment Operator (Light) | \$34.34 | 5A   | 2B |    |
| Whitman | Telephone Line Construction - Outside                  | Telephone Lineperson                 | \$34.34 | 5A   | 2B |    |

|         |  |                                       |         |    |    |    |
|---------|--|---------------------------------------|---------|----|----|----|
| Whitman | Telephone Line Construction - Outside      | Television Groundperson               | \$19.45 | 5A | 2B |    |
| Whitman | Telephone Line Construction - Outside      | Television Lineperson/Installer       | \$25.89 | 5A | 2B |    |
| Whitman | Telephone Line Construction - Outside      | Television System Technician          | \$30.97 | 5A | 2B |    |
| Whitman | Telephone Line Construction - Outside      | Television Technician                 | \$27.77 | 5A | 2B |    |
| Whitman | Telephone Line Construction - Outside      | Tree Trimmer                          | \$34.34 | 5A | 2B |    |
| Whitman | Terrazzo Workers                           | Journey Level                         | \$33.85 | 5A | 1M |    |
| Whitman | Tile Setters                               | Journey Level                         | \$33.85 | 5A | 1M |    |
| Whitman | Tile, Marble & Terrazzo Finishers          | Journey Level                         | \$29.85 | 5A | 1M |    |
| Whitman | Traffic Control Stripers                   | Journey Level                         | \$43.11 | 7A | 1K |    |
| Whitman | Truck Drivers                              | Asphalt Mix Over 20 Yards (E.WA-690)  | \$38.74 | 5D | 1V | 8M |
| Whitman | Truck Drivers                              | Asphalt Mix To 20 Yards (E. WA - 690) | \$38.57 | 5D | 1V | 8M |
| Whitman | Truck Drivers                              | Dump Truck                            | \$19.45 |    | 1  |    |
| Whitman | Truck Drivers                              | Dump Truck And Trailer                | \$19.45 |    | 1  |    |
| Whitman | Truck Drivers                              | Other Trucks                          | \$27.84 |    | 1  |    |
| Whitman | Truck Drivers                              | Transit Mixer                         | \$17.75 |    | 1  |    |
| Whitman | Well Drillers & Irrigation Pump Installers | Irrigation Pump Installer             | \$13.92 |    | 1  |    |
| Whitman | Well Drillers & Irrigation Pump Installers | Oiler                                 | \$9.32  |    | 1  |    |
| Whitman | Well Drillers & Irrigation Pump Installers | Well Driller                          | \$18.00 |    | 1  |    |

\*\*\*\*\*

**Overtime Codes**

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

1. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
  - B. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
  - C. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
  - D. The first two (2) hours before or after a five-eight (8) hour workweek day or a four-ten (10) hour workweek day and the first eight (8) hours worked the next day after either workweek shall be paid at one and one-half times the hourly rate of wage. All additional hours worked and all worked on Sundays and holidays shall be paid at double the hourly rate of wage.
  - E. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
  - F. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
  - G. The first ten (10) hours worked on Saturdays and the first ten (10) hours worked on a fifth calendar weekday in a four-ten hour schedule, shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
  - H. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions or equipment breakdown) shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
  - I. All hours worked on Sundays and holidays shall also be paid at double the hourly rate of wage.
  - J. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over ten (10) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage.
  - K. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
  - M. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

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

1. N. All hours worked on Saturdays (except makeup days) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- O. The first ten (10) hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays, holidays and after twelve (12) hours, Monday through Friday and after ten (10) hours on Saturday shall be paid at double the hourly rate of wage.
- P. All hours worked on Saturdays (except makeup days if circumstances warrant) and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
- Q. The first two (2) hours after eight (8) regular hours Monday through Friday and up to ten (10) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays (except Christmas day) shall be paid at double the hourly rate of wage. All hours worked on Christmas day shall be paid at two and one-half times the hourly rate of wage.
- R. All hours worked on Sundays and holidays shall be paid at two times the hourly rate of wage.
- S. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays and all other overtime hours worked, except Labor Day, shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
- U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays (except Labor Day) shall be paid at two times the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
- V. All hours worked on Sundays and holidays (except Thanksgiving Day and Christmas day) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Thanksgiving Day and Christmas day shall be paid at double the hourly rate of wage.
- W. All hours worked on Saturdays and Sundays (except make-up days due to conditions beyond the control of the employer)) shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
- X. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage. When holiday falls on Saturday or Sunday, the day before Saturday, Friday, and the day after Sunday, Monday, shall be considered the holiday and all work performed shall be paid at double the hourly rate of wage.
- Y. All hours worked outside the hours of 5:00 am and 5:00 pm (or such other hours as may be agreed upon by any employer and the employee) and all hours worked in excess of eight (8) hours per day (10 hours per day for a 4 x 10 workweek) and on Saturdays and holidays (except labor day) shall be paid at one and one-half times the hourly rate of wage. (except for employees who are absent from work without prior approval on a scheduled workday during the workweek shall be paid at the straight-time rate until they have worked 8 hours in a day (10 in a 4 x 10 workweek) or 40 hours during that workweek.) All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and Labor Day shall be paid at double the hourly rate of wage.
- Z. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid the straight time rate of pay in addition to holiday pay.

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

2. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
- B. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.
  - C. All hours worked on Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at two times the hourly rate of wage.
  - F. The first eight (8) hours worked on holidays shall be paid at the straight hourly rate of wage in addition to the holiday pay. All hours worked in excess of eight (8) hours on holidays shall be paid at double the hourly rate of wage.
  - G. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.
  - H. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.
  - O. All hours worked on Sundays and holidays shall be paid at one and one-half times the hourly rate of wage.
  - R. All hours worked on Sundays and holidays and all hours worked over sixty (60) in one week shall be paid at double the hourly rate of wage.
  - U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked over 12 hours in a day or on Sundays and holidays shall be paid at double the hourly rate of wage.
  - W. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage. On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The first eight (8) hours worked on the fifth day shall be paid at one and one-half times the hourly rate of wage. All other hours worked on the fifth, sixth, and seventh days and on holidays shall be paid at double the hourly rate of wage.
3. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
- A. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at time and one-half the straight time rate. Hours worked over twelve hours (12) in a single shift and all work performed after 6:00 pm Saturday to 6:00 am Monday and holidays shall be paid at double the straight time rate of pay. Any shift starting between the hours of 6:00 pm and midnight shall receive an additional one dollar (\$1.00) per hour for all hours worked that shift. The employer shall have the sole discretion to assign overtime work to employees. Primary consideration for overtime work shall be given to employees regularly assigned to the work to be performed on overtime situations. After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

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

3. C. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays shall be paid at double the hourly rate of wage. After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
- D. All hours worked between the hours of 6:00 pm and 6:00 am, Monday through Saturday, shall be paid at a premium rate of 15% over the hourly rate of wage. All other hours worked after 6:00 am on Saturdays, shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- E. All hours worked Sundays and holidays shall be paid at double the hourly rate of wage. Each week, once 40 hours of straight time work is achieved, then any hours worked over 10 hours per day Monday through Saturday shall be paid at double the hourly wage rate.
- F. All hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.
- H. All work performed on Sundays between March 16th and October 14th and all Holidays shall be compensated for at two (2) times the regular rate of pay. Work performed on Sundays between October 15th and March 15th shall be compensated at one and one half (1-1/2) times the regular rate of pay.
- I. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. In the event the job is down due to weather conditions during a five day work week (Monday through Friday,) or a four day-ten hour work week (Tuesday through Friday,) then Saturday may be worked as a voluntary make-up day at the straight time rate. However, Saturday shall not be utilized as a make-up day when a holiday falls on Friday. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

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

- A. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage.
- B. All hours worked over twelve (12) hours per day and all hours worked on holidays shall be paid at double the hourly rate of wage.
- C. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay. On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay, except that if the job is down on Monday through Friday due to weather conditions or other conditions outside the control of the employer, the first ten (10) hours on Saturday may be worked at the straight time rate of pay. All hours worked over twelve (12) hours in a day and all hours worked on Sunday and Holidays shall be paid at two (2) times the straight time rate of pay.

**Holiday Codes**

- 5. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, and Christmas Day (7).
- B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, the day before Christmas, and Christmas Day (8).
- C. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
- D. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8).
- H. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Day after Thanksgiving Day, And Christmas (6).
- I. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).
- J. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Eve Day, And Christmas Day (7).
- K. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9).
- L. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, And Christmas Day (8).
- N. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, The Friday After Thanksgiving Day, And Christmas Day (9).
- P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday And Saturday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9). If A Holiday Falls On Sunday, The Following Monday Shall Be Considered As A Holiday.
- Q. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).
- R. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day After Thanksgiving Day, One-Half Day Before Christmas Day, And Christmas Day. (7 1/2).
- S. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, And Christmas Day (7).
- T. Paid Holidays: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, Christmas Day, And The Day Before Or After Christmas (9).
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).

**Holiday Codes Continued**

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

- 6. A. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, And Christmas Day (8).
- E. Paid Holidays: New Year's Day, Day Before Or After New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day After Thanksgiving Day, Christmas Day, And A Half-Day On Christmas Eve Day. (9 1/2).
- G. Paid Holidays: New Year's Day, Martin Luther King Jr. Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, The Friday After Thanksgiving Day, Christmas Day, And Christmas Eve Day (11).
- H. Paid Holidays: New Year's Day, New Year's Eve Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, Christmas Day, The Day After Christmas, And A Floating Holiday (10).
- I. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, And Christmas Day (7).
- T. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Last Working Day Before Christmas Day, And Christmas Day (9).
- 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. A. 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. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.
- 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.

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

7. 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.
- G. Holidays: New Year's Day, Memorial Day, Independence 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.
- H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last Work Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- M. Paid Holidays: New Year's Day, The Day after or before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, And the Day after or before Christmas Day (10). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- N. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. When Christmas falls on a Saturday, the preceding Friday shall be observed as a holiday.
- P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, 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.
- 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.

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

7. S. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, Christmas Day, The Day After Christmas, And A Floating Holiday (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- T. Paid Holidays: New Year's Day, The Day After Or Before New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, Christmas Day, and The Day After Or Before Christmas Day. (10). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

**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.

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

- 8. 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.

**WSDOT's  
Predetermined List for  
Suppliers - Manufactures - Fabricator**

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

| ITEM DESCRIPTION  | YES | NO       |
|---|-----|----------|
| 1. Metal rectangular frames, solid metal covers, herringbone grates, and bi-directional vaned grates for Catch Basin Types 1, 1L, 1P, and 2 and Concrete Inlets. See Std. Plans         |     | <b>X</b> |
| 2. Metal circular frames (rings) and covers, circular grates, and prefabricated ladders for Manhole Types 1, 2, and 3, Drywell Types 1, 2, and 3 and Catch Basin Type 2. See Std. Plans |     | <b>X</b> |
| 3. Prefabricated steel grate supports and welded grates, metal frames and dual vaned grates, and Type 1, 2, and 3 structural tubing grates for Drop Inlets. See Std. Plans.             |     | <b>X</b> |
| 4. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes smaller than 60 inch diameter.   |     | <b>X</b> |
| 5. Concrete Pipe - Plain Concrete pipe and reinforced concrete pipe Class 2 to 5 sizes larger than 60 inch diameter.  |     | <b>X</b> |
| 6. Corrugated Steel Pipe - Steel lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, 1 thru 5.                       |     | <b>X</b> |
| 7. Corrugated Aluminum Pipe - Aluminum lock seam corrugated pipe for culverts and storm sewers, sizes 30 inch to 120 inches in diameter. May also be treated, #5.                       |     | <b>X</b> |

| ITEM DESCRIPTION  | YES      | NO       |
|---|----------|----------|
| 8. Anchor Bolts & 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.   |          | <b>X</b> |
| 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).   | <b>X</b> |          |
| 10. Major Structural Steel Fabrication - Fabrication of major steel items such as trusses, beams, girders, etc., for bridges.   | <b>X</b> |          |
| 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. | <b>X</b> |          |
| 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).  |          | <b>X</b> |
| 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..   | <b>X</b> |          |
| 14. Precast Manhole Types 1, 2, and 3 with cones, adjustment sections and flat top slabs. See Std. Plans.   |          | <b>X</b> |
| 15. Precast Drywell Types 1, 2, and with cones and adjustment Sections. See Std. Plans.   |          | <b>X</b> |
| 16. Precast Catch Basin - Catch Basin type 1, 1L, 1P, and 2 With adjustment sections. See Std. Plans.   |          | <b>X</b> |

| <b>ITEM DESCRIPTION</b>   | <b>YES</b> | <b>NO</b> |
|---|------------|-----------|
| 17. Precast Concrete Inlet - with adjustment sections,<br>See Std. Plans  |            | <b>X</b>  |
| 18. Precast Drop Inlet Type 1 and 2 with metal grate supports.<br>See Std. Plans.   |            | <b>X</b>  |
| 19. Precast Grate Inlet Type 2 with extension and top units.<br>See Std. Plans  |            | <b>X</b>  |
| 20. Metal frames, vaned grates, and hoods for Combination<br>Inlets. See Std. Plans   |            | <b>X</b>  |
| 21. Precast Concrete Utility Vaults - Precast Concrete utility vaults of<br>various sizes. Used for in ground storage of utility facilities and<br>controls. See Contract Plans for size and construction<br>requirements. Shop drawings are to be provided for approval<br>prior to casting                        |            | <b>X</b>  |
| 22. Vault Risers - For use with Valve Vaults and Utilities<br>Vaults.   |            | <b>X</b>  |
| 23. Valve Vault - For use with underground utilities.<br>See Contract Plans for details.  |            | <b>X</b>  |
| 24. Precast Concrete Barrier - Precast Concrete Barrier for<br>use as new barrier or may also be used as Temporary Concrete<br>Barrier. Only new state approved barrier may be used as<br>permanent barrier.  |            | <b>X</b>  |
| 25. Reinforced Earth Wall Panels – Reinforced Earth Wall Panels in<br>size and shape as shown in the Plans. Fabrication plant has<br>annual approval for methods and materials to be used.<br>See Shop Drawing.<br>Fabrication at other locations may be approved, after facilities<br>inspection, contact HQ. Lab. | <b>X</b>   |           |
| 26. Precast Concrete Walls - Precast Concrete Walls - tilt-up wall<br>panel in size and shape as shown in Plans.<br>Fabrication plant has annual approval for methods and materials<br>to be used   | <b>X</b>   |           |

| ITEM DESCRIPTION  | YES      | NO       |
|---|----------|----------|
| 27. Precast Railroad Crossings - Concrete Crossing Structure Slabs.   | <b>X</b> |          |
| 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 | <b>X</b> |          |
| 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                       | <b>X</b> |          |
| 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                                   | <b>X</b> |          |
| 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.                 | <b>X</b> |          |
| 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                                    | <b>X</b> |          |
| 33. Monument Case and Cover<br>See Std. Plan.   |          | <b>X</b> |

| ITEM DESCRIPTION  | YES      | NO       |
|---|----------|----------|
| 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.       | <b>X</b> |          |
| 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.   | <b>X</b> |          |
| 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. | <b>X</b> |          |
| 37. Steel Sign Post - Fabricated Steel Sign Posts as detailed in Std Plans. Shop drawings for approval are to be provided prior to fabrication  |          | <b>X</b> |
| 38. Light Standard-Prestressed - Spun, prestressed, hollow concrete poles.  | <b>X</b> |          |
| 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.                                  | <b>X</b> |          |
| 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         | <b>X</b> |          |
| 41. Precast Concrete Sloped Mountable Curb (Single and DualFaced) See Std. Plans.   |          | <b>X</b> |

| ITEM DESCRIPTION   | YES                        | NO                  |
|--|----------------------------|---------------------|
| 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.<br><b>NOTE:</b> *** Fabrication inspection required. Only signs tagged "Fabrication Approved" by WSDOT Sign Fabrication Inspector to be installed | <b>X</b>                   | <b>X</b>            |
|  | Custom Message             | Std Signing Message |
| 43. Cutting & bending reinforcing steel  |                            | <b>X</b>            |
| 44. Guardrail components   | <b>X</b>                   | <b>X</b>            |
|  | Custom End Sec             | Standard Sec        |
| 45. Aggregates/Concrete mixes  | Covered by WAC 296-127-018 |                     |
| 46. Asphalt  | Covered by WAC 296-127-018 |                     |
| 47. Fiber fabrics  |                            | <b>X</b>            |
| 48. Electrical wiring/components   |                            | <b>X</b>            |
| 49. treated or untreated timber pile   |                            | <b>X</b>            |
| 50. Girder pads (elastomeric bearing)  | <b>X</b>                   |                     |
| 51. Standard Dimension lumber  |                            | <b>X</b>            |
| 52. Irrigation components  |                            | <b>X</b>            |

| ITEM DESCRIPTION                         | YES      | NO       |
|--|----------|----------|
| 53. Fencing materials                    |          | <b>X</b> |
| 54. Guide Posts                          |          | <b>X</b> |
| 55. Traffic Buttons                      |          | <b>X</b> |
| 56. Epoxy                                |          | <b>X</b> |
| 57. Cribbing                             |          | <b>X</b> |
| 58. Water distribution materials         |          | <b>X</b> |
| 59. Steel "H" piles                      |          | <b>X</b> |
| 60. Steel pipe for concrete pile casings |          | <b>X</b> |
| 61. Steel pile tips, standard            |          | <b>X</b> |
| 62. Steel pile tips, custom              | <b>X</b> |          |

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.]



# APPENDIX D



# PROPOSAL

---

## Bidder

To: Board of County Commissioners, Whitman County Courthouse, Colfax, WA  
99111

Commissioners:

The undersigned hereby certify that they have examined the location of the HATLEY BRIDGE, C.R.B.P. No. 9010-05.19(9) located in Section 3, Township 13 North, Range 44 East, W.M. and have read and thoroughly understand the plans, specifications and special provisions concerning the work described in this project.

The undersigned further understand the method by which payment will be made for said work, and hereby propose to undertake and complete the work described in this project, or as much thereof as can be completed with the monies available, in accordance with the said plans, specifications and special provisions and the following schedule of rates and prices:

### SCHEDULE OF ITEMS

NOTE: Unit prices for all items (unless filled in by Contracting Agency), all extensions, and total amount of bid shall be shown. All entries must be in legible figures (not words) and typed or entered in ink.

| ITEM NO. | DESCRIPTION                         | ESTIMATED QUANTITY | UNIT | PRICE PER UNIT | TOTAL PRICE |
|----------|-------------------------------------|--------------------|------|----------------|-------------|
| 1.       | MOBILIZATION                        | 1                  | L.S. | LUMP SUM       |             |
| 2.       | CLEARING AND GRUBBING               | 1                  | L.S. | LUMP SUM       |             |
| 3.       | REMOVING PORTION OF EXISTING BRIDGE | 1                  | L.S. | LUMP SUM       |             |
| 4.       | ROADWAY EXCAVATION INCL. HAUL       | 954                | C.Y. |                |             |
| 5.       | EMBANKMENT COMPACTION               | 184                | C.Y. |                |             |
| 6.       | LIGHT LOOSE RIPRAP                  | 85                 | TON  |                |             |
| 7.       | SHORING OR EXTRA EXCAVATION CL. A   | 1                  | L.S. | LUMP SUM       |             |
| 8.       | GRAVEL BACKFILL FOR WALL            | 142                | C.Y. |                |             |
| 9.       | SUPERSTRUCTURE                      | 1                  | L.S. | LUMP SUM       |             |
| 10.      | TIE BACK ANCHOR SYSTEM              | 1                  | L.S. | LUMP SUM       |             |
| 11.      | NEW ABUTMENT CAP                    | 1                  | L.S. | LUMP SUM       |             |
| 12.      | CRUSHED SURFACING BASE COURSE       | 688                | TON  |                |             |
| 13.      | CRUSHED SURFACING TOP COURSE        | 663                | TON  |                |             |

| ITEM NO.                             | DESCRIPTION                                    | ESTIMATED QUANTITY | UNIT | PRICE PER UNIT | TOTAL PRICE |
|--------------------------------------|--|--------------------|------|----------------|-------------|
| 14.                                  | HMA CL. 1/2 IN. PG 64-22                       | 200                | TON  |                |             |
| 15.                                  | SAWCUT EXISTING PAVEMENT                       | 56                 | L.F. |                |             |
| 16.                                  | SILT FENCE                                     | 400                | L.F. |                |             |
| 17.                                  | ESC LEAD                                       | 16                 | DAY  |                |             |
| 18.                                  | SEEDING, FERTILIZING, AND MULCHING             | 1                  | L.S. | LUMP SUM       |             |
| 19.                                  | BEAM GUARDRAIL NON-FLARED TERMINAL             | 3                  | EACH |                |             |
| 20.                                  | BEAM GUARDRAIL TYPE 1                          | 12.5               | L.F. |                |             |
| 21.                                  | BEAM GUARDRAIL TRANSITION SECTION TYPE 2       | 3                  | EACH |                |             |
| 22.                                  | BEAM GUARDRAIL ANCHOR TYPE 1                   | 1                  | EACH |                |             |
| 23.                                  | PAINT LINE                                     | 1,950              | L.F. |                |             |
| 24.                                  | PROJECT TEMPORARY TRAFFIC CONTROL              | 1                  | L.S. | LUMP SUM       |             |
| 25.                                  | WATER  | 100                | MGAL |                |             |
| 26.                                  | STRUCTURE SURVEYING                            | 1                  | L.S. | LUMP SUM       |             |
| 27.                                  | ROADWAY SURVEYING                              | 1                  | L.S. | LUMP SUM       |             |
| 28.                                  | TRIMMING AND CLEANUP                           | 1                  | L.S. | LUMP SUM       |             |
| 29.                                  | CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION | 74                 | S.Y. |                |             |
| 30.                                  | SPCC PLAN                                      | 1                  | L.S. | LUMP SUM       |             |
| 31.                                  | REMOVE EXISTING FENCE                          | 30                 | L.F. |                |             |
| 32.                                  | DETOUR CONSTRUCTION AND REMOVAL                | 1                  | L.S. | LUMP SUM       |             |
| BASIS OF AWARD: TOTAL BID ITEMS 1-32 |  |                    |      |                |             |

**Failure to return this Declaration as part of the bid proposal package will make the bid nonresponsive and ineligible for award.**

## **NON-COLLUSION DECLARATION**

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

1. That the undersigned person(s), firm, association or corporation has (have) not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with the project for which this proposal is submitted.
2. **That by signing the signature page of this proposal, I am deemed to have signed and to have agreed to the provisions of this declaration.**

## **NOTICE TO ALL BIDDERS**

To report rigging activities call:

**1-800-424-9071**

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

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

# Local Agency Certification for Federal-Aid Contracts

**The prospective participant certifies by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:**

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

This certification is material representation of the fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each failure.

The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.

# Local Agency Proposal - Signature Page

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

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

- Cash  In the Amount of \_\_\_\_\_
- Cashier's Check  \_\_\_\_\_ Dollars
- Certified Check  (\$ \_\_\_\_\_ ) Payable to the Agency
- Proposal Bond  In the Amount of 5% of the Bid

Receipt is hereby acknowledged of addendum(s) No.(s) \_\_\_\_\_ , \_\_\_\_\_ & \_\_\_\_\_

Signature of Authorized Official(s)

**Proposal Must be Signed** 

\_\_\_\_\_  
\_\_\_\_\_

Firm Name

\_\_\_\_\_

Address

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

State of Washington Contractor's License No. \_\_\_\_\_

Federal ID No. \_\_\_\_\_

**Note:**

- (1) This proposal form is not transferable and any alteration of the firm's name entered hereon without prior permission from the Whitman County will be cause for considering the proposal irregular and subsequent rejection of the bid.
- (2) Please refer to section 1-02.6 of the standard specifications, re: "Preparation of Proposal," or "Article 4" of the Instruction to Bidders for building construction jobs.



**SUBMIT THE  
ENCLOSED PROPOSAL  
BOND FORM WITH  
YOUR PROPOSAL.**

**USE OF OTHER FORMS  
MAY SUBJECT YOUR  
BID TO REJECTION.**

**NOTE: Use of other forms may limit  
the bond below an amount equal  
to five percent of the bid total.**



# Local Agency Proposal Bond

KNOW ALL MEN BY THESE PRESENTS, That we,

of \_\_\_\_\_ as principal, and the

a corporation duly organized under the laws of the state of \_\_\_\_\_, and

authorized to do business in the State of Washington, as surety, are held and firmly bound unto the State of Washington in the full and penal sum of five (5) percent of the total amount of the bid proposal of said principal for the work hereinafter described, for the payment of which, well and truly to be made, we bind our heirs, executors, administrators and assigns, and successors and assigns, firmly by these presents.

The condition of this bond is such, that whereas the principal herein is herewith submitting his or its sealed proposal for the following highway construction, to wit:

said bid and proposal, by reference thereto, being made a part hereof.

NOW, THEREFORE, If the said proposal bid by said principal be accepted, and the contract be awarded to said principal, and if said principal shall duly make and enter into and execute said contract and shall furnish bond as required by the Whitman County within a period of twenty (20) days from and after said award, exclusive of the day of such award, then this obligation shall be null and void, otherwise it shall remain and be in full force and effect.

IN TESTIMONY WHEREOF, The principal and surety have caused these presents to be signed and sealed this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_

(Principal)

\_\_\_\_\_

(Surety)

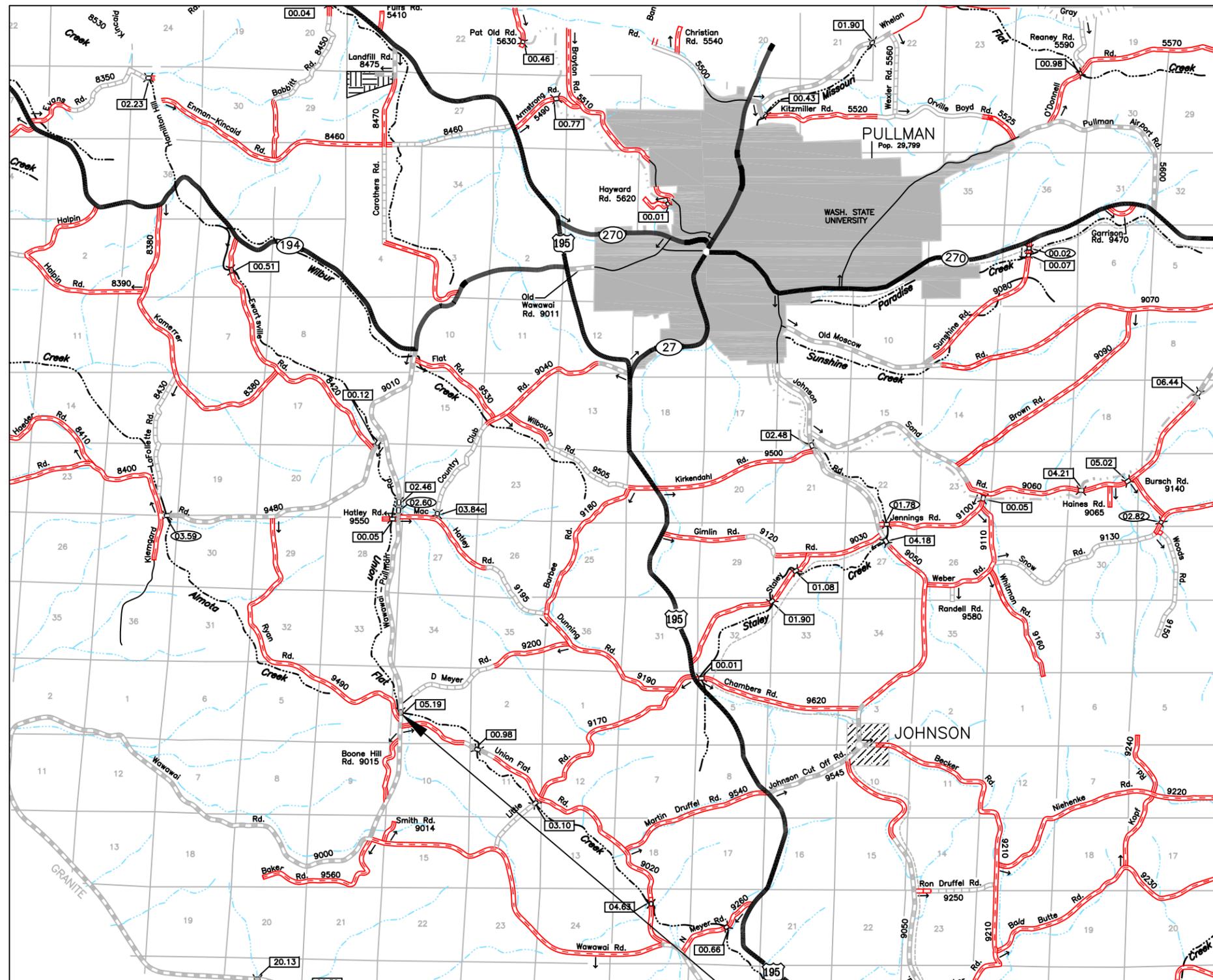
\_\_\_\_\_

(Attorney-in-fact)



# INDEX TO DRAWINGS

1. VICINITY MAP & DRAWING INDEX
2. SUMMARY OF ESTIMATED QUANTITIES
3. ROADWAY PLAN & PROFILE
4. BRIDGE LAYOUT
5. GENERAL DETAILS & BAR LIST
6. ABUTMENT DETAILS NO. 1
7. ABUTMENT DETAILS NO. 2
8. TIE BACK ANCHOR SYSTEM
9. DECK PLAN & BRIDGE SECTION
10. GIRDER DETAILS NO. 1
11. GIRDER DETAILS NO. 2
12. DIAPHRAGM DETAILS
13. BRIDGE RAILING DETAILS
14. TRAFFIC CONTROL PLAN
15. RIGHT-OF-WAY PLAN



## WHITMAN COUNTY COMMISSIONERS

- District 1 - Art Swannack, Chairman
- District 2 - Dean Kinzer
- District 3 - Michael Largent

### VICINITY MAP



HATLEY BRIDGE  
NO. 9010-05.19



APPROVED:



EXPIRES 09-22-14

| No. | Date | By | Ckd. | Appr. | Revision |
|-----|------|----|------|-------|----------|
|     |      |    |      |       |          |

Drawn By: D. CORNELIUSON Date: 05/2014  
 Designed By: M. STOREY Date: 05/2014  
 Checked By: M. STOREY Date: 05/2014

SCALE  
 HORIZONTAL: AS SHOWN  
 VERTICAL: AS SHOWN

WHITMAN COUNTY ENGINEER  
 310 N. MAIN ST.  
 COLFAX WA. 99111  
 (509) 397-6206

PLANS PREPARED UNDER THE  
 DIRECTION OF:  
 MARK STOREY, P.E.  
 COUNTY ENGINEER  
 Date: 05/2014

COUNTY ROAD BRIDGE PROJECT NO. 9010-05.19(9)  
**VICINITY MAP & DRAWING INDEX**  
 HATLEY BRIDGE REHABILITATION

| ITEM NO.                            | STD. ITEM NO. | UNIT | ITEM                                | TOTAL QUANTITY |
|-------------------------------------|---------------|------|-------------------------------------|----------------|
| <i>PREPARATION</i>                  |               |      |                                     |                |
| 1                                   | 0001          | L.S. | MOBILIZATION                        | 1              |
| 2                                   | 0035          | L.S. | CLEARING AND GRUBBING               | 1              |
| 3                                   | 0071          | L.S. | REMOVING PORTION OF EXISTING BRIDGE | 1              |
| <i>GRADING</i>                      |               |      |                                     |                |
| 4                                   | 0310          | C.Y. | ROADWAY EXCAVATION INCL. HAUL       | 954            |
| 5                                   | 0470          | C.Y. | EMBANKMENT COMPACTION               | 184            |
| <i>DRAINAGE</i>                     |               |      |                                     |                |
| 6                                   | 1073          | TON  | LIGHT LOOSE RIPRAP                  | 85             |
| <i>STRUCTURE</i>                    |               |      |                                     |                |
| 7                                   | 4013          | L.S. | SHORING OR EXTRA EXCAVATION CLASS A | 1              |
| 8                                   | 4025          | C.Y. | GRAVEL BACKFILL FOR WALL            | 142            |
| 9                                   | 4300          | L.S. | SUPERSTRUCTURE                      | 1              |
| 10                                  |               | L.S. | TIE BACK ANCHOR SYSTEM              | 1              |
| 11                                  |               | L.S. | NEW ABUTMENT CAP                    | 1              |
| <i>SURFACING</i>                    |               |      |                                     |                |
| 12                                  | 5100          | TON  | CRUSHED SURFACING BASE COURSE       | 688            |
| 13                                  | 5120          | TON  | CRUSHED SURFACING TOP COURSE        | 663            |
| <i>ASPHALT CONCRETE PAVEMENT</i>    |               |      |                                     |                |
| 14                                  | 5767          | TON  | HMA CL. 1/2 IN. PG 64-22            | 200            |
| 15                                  | --            | L.F. | SAWCUT EXISTING PAVEMENT            | 56             |
| <i>EROSION CONTROL AND PLANTING</i> |               |      |                                     |                |
| 16                                  | 6373          | L.F. | SILT FENCE                          | 400            |
| 17                                  | 6403          | DAY  | ESC LEAD                            | 16             |
| 18                                  | 6416          | L.S. | SEEDING, FERTILIZING, AND MULCHING  | 1              |

NOTE: FOR SPECIAL FEATURES SEE SPECIAL PROVISIONS.

| ITEM NO.           | STD. ITEM NO. | UNIT | ITEM   | TOTAL QUANTITY |
|--------------------|---------------|------|--|----------------|
| <i>TRAFFIC</i>     |               |      |  |                |
| 19                 | 6717          | EACH | BEAM GUARDRAIL NON-FLARED TERMINAL             | 3              |
| 20                 | 6751          | L.F. | BEAM GUARDRAIL TYPE 1                          | 12.5           |
| 21                 | 6760          | EACH | BEAM GUARDRAIL TRANSITION SECTION TYPE 2       | 3              |
| 22                 | 6760          | EACH | BEAM GUARDRAIL ANCHOR TYPE 1                   | 1              |
| 23                 | 6806          | L.F. | PAINT LINE                                     | 1950           |
| 24                 | 6971          | L.S. | PROJECT TEMPORARY TRAFFIC CONTROL              | 1              |
| <i>OTHER ITEMS</i> |               |      |  |                |
| 25                 | 7018          | MGAL | WATER  | 100            |
| 26                 | 7037          | L.S. | STRUCTURE SURVEYING                            | 1              |
| 27                 | 7038          | L.S. | ROADWAY SURVEYING                              | 1              |
| 28                 | 7490          | L.S. | TRIMMING & CLEANUP                             | 1              |
| 29                 | 7552          | S.Y. | CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION | 74             |
| 30                 | 7736          | L.S. | SPCC PLAN                                      | 1              |
| 31                 | --            | L.F. | REMOVE EXISTING FENCE                          | 30             |
| 32                 | --            | L.S. | DETOUR CONSTRUCTION AND REMOVAL                | 1              |

NOTE: FOR SPECIAL FEATURES SEE SPECIAL PROVISIONS.

APPROVED:



EXPIRES 09-22-14

| No. | Date | By | Ckd. | Appr. | Revision |
|-----|------|----|------|-------|----------|
|     |      |    |      |       |          |

|                                |                      |                           |
|--------------------------------|----------------------|---------------------------|
| Drawn By: <i>D. CORNELISON</i> | Date: <i>05/2014</i> | <b>SCALE</b>              |
| Designed By: <i>M. STOREY</i>  | Date: <i>05/2014</i> |                           |
| Checked By: <i>M. STOREY</i>   | Date: <i>05/2014</i> |                           |
|                                |                      |                           |
| HORIZONTAL: <i>AS SHOWN</i>    |                      | VERTICAL: <i>AS SHOWN</i> |
|                                |                      |                           |

WHITMAN COUNTY ENGINEER

310 N. MAIN ST.  
COLFAX WA. 99111  
(509) 397-6206

PLANS PREPARED UNDER THE  
DIRECTION OF:

MARK STOREY, P.E.  
COUNTY ENGINEER

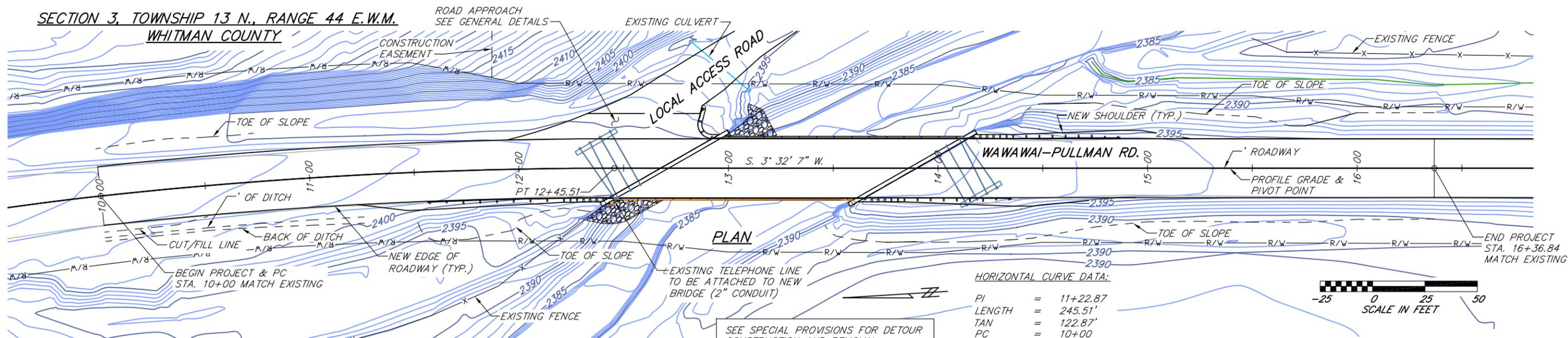
Date: *05/2014*

COUNTY ROAD BRIDGE PROJECT NO. 9010-05.19(9)  
**SUMMARY OF ESTIMATED QUANTITIES**  
HATLEY BRIDGE REHABILITATION

SHEET

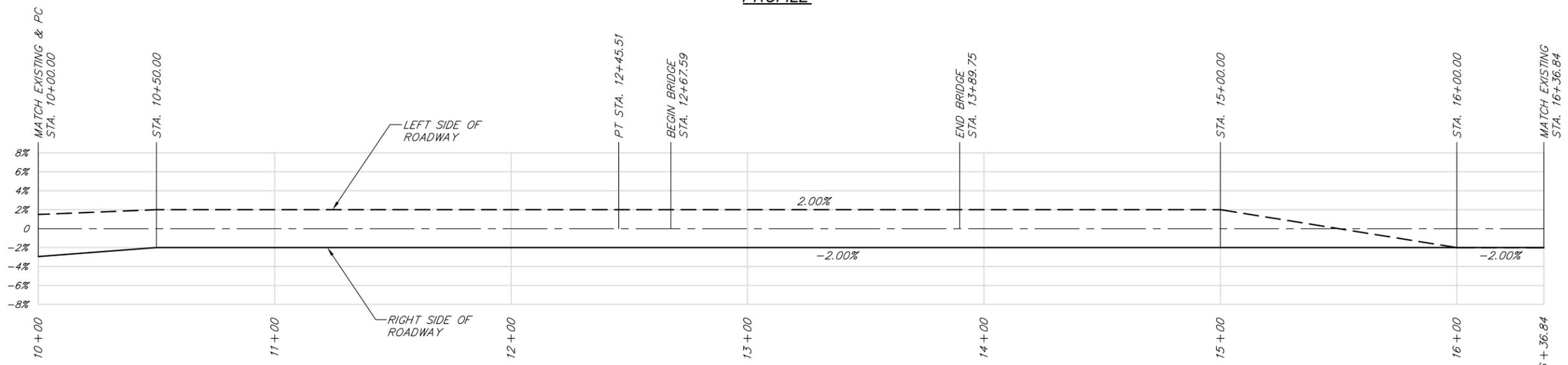
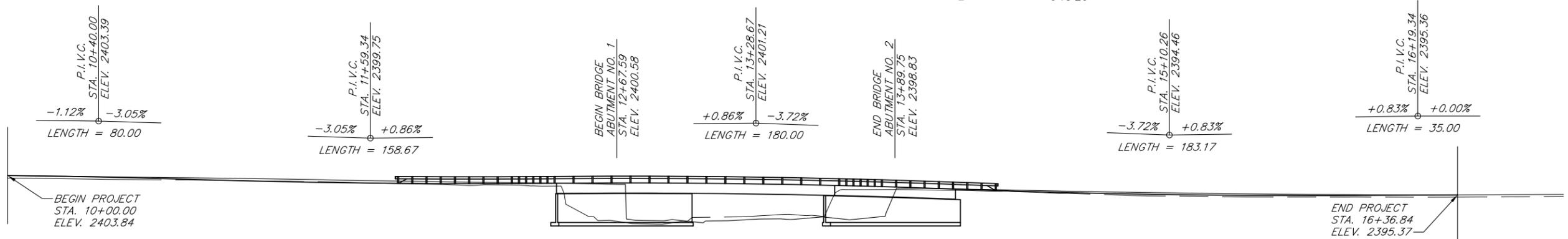
2 OF 15

SECTION 3, TOWNSHIP 13 N., RANGE 44 E.W.M.  
WHITMAN COUNTY



HORIZONTAL CURVE DATA:

|        |   |          |
|--------|---|----------|
| PI     | = | 11+22.87 |
| LENGTH | = | 245.51'  |
| TAN    | = | 122.87'  |
| PC     | = | 10+00    |
| PT     | = | 12+45.51 |
| RADIUS | = | 2278.37' |
| Δ      | = | 6°10'26" |



|     |      |    |      |       |          |
|-----|------|----|------|-------|----------|
| No. | Date | By | Ckd. | Appr. | Revision |
|     |      |    |      |       |          |

**NICHOLLS ENGINEERING**  
CIVIL AND STRUCTURAL ENGINEERING  
PO BOX 14706  
SPOKANE, WA 99214  
PH: (509) 921-6747 FAX: (509) 242-8777  
info@nichollsenineering.com

Drawn By: AVK  
Designed By: JUN  
Checked By: SMK  
Date: 1/14  
Date: 1/14  
Date: 3/14

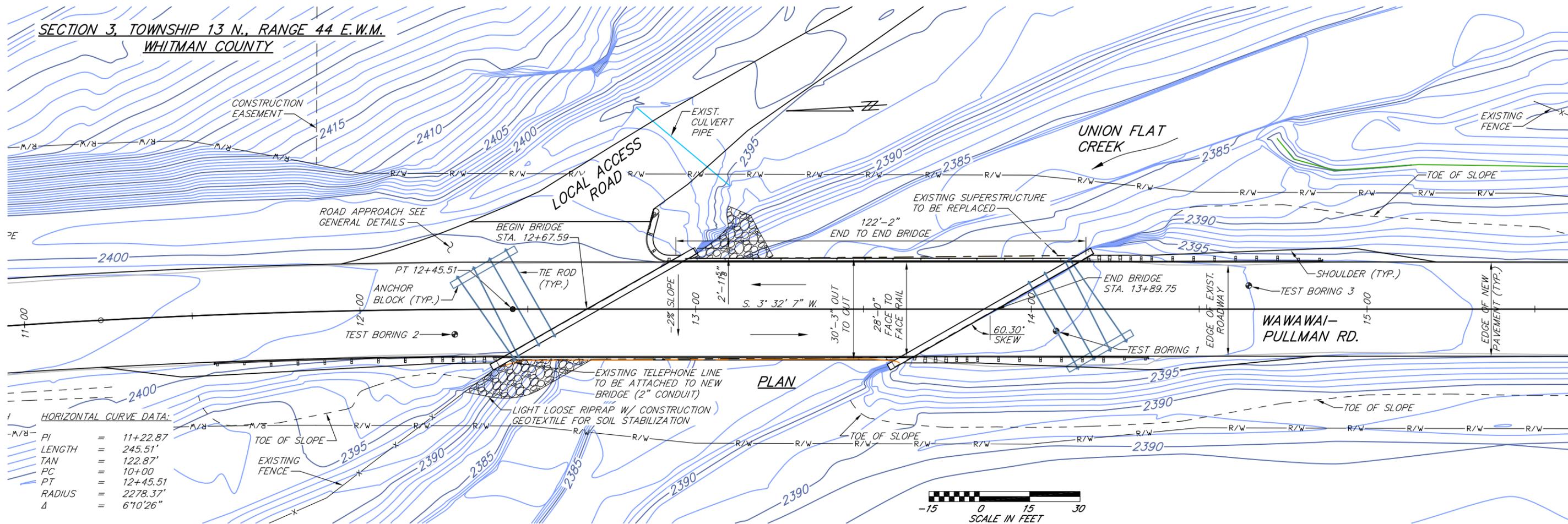
**SCALE**  
HORIZONTAL: AS SHOWN  
VERTICAL: AS SHOWN

WHITMAN COUNTY  
**OFFICE OF COUNTY ENGINEER**  
310 N. MAIN ST.  
COLFAX, WASHINGTON 99111  
PHONE (509) 397-6206 FAX (509) 397-6210

APPROVED: \_\_\_\_\_  
COUNTY ENGINEER  
Date: \_\_\_\_\_

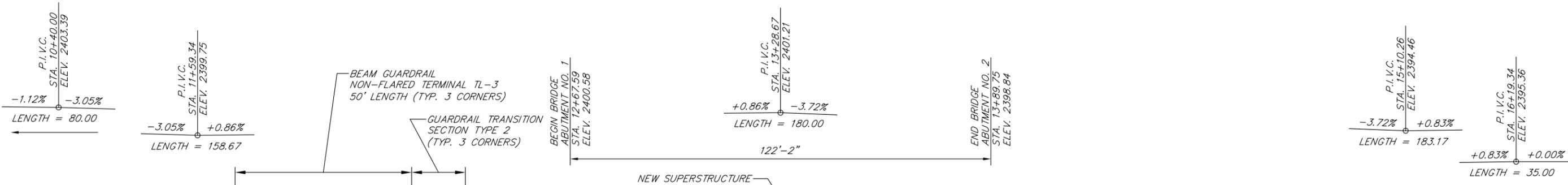
COUNTY ROAD BRIDGE PROJECT 9010-05.19(9)  
**ROADWAY PLAN & PROFILE**  
HATLEY BRIDGE REHABILITATION

SECTION 3, TOWNSHIP 13 N., RANGE 44 E.W.M.  
WHITMAN COUNTY



HORIZONTAL CURVE DATA:

|          |   |          |
|----------|---|----------|
| PI       | = | 11+22.87 |
| LENGTH   | = | 245.51'  |
| TAN      | = | 122.87'  |
| PC       | = | 10+00    |
| PT       | = | 12+45.51 |
| RADIUS   | = | 2278.37' |
| $\Delta$ | = | 6°10'26" |



**ELEVATION**  
TIE BACK ANCHOR SYSTEM NOT SHOWN FOR CLARITY



NAVD 1929

**LOADING**  
HL-93

The Bridge is designed for a total of 30 pounds per square foot for future overlay.



|     |      |    |      |       |          |
|-----|------|----|------|-------|----------|
| No. | Date | By | Ckd. | Appr. | Revision |
|     |      |    |      |       |          |

**NICHOLLS ENGINEERING**  
CIVIL AND STRUCTURAL ENGINEERING  
PO BOX 14706  
SPOKANE, WA 99214  
PH: (509) 921-6747 FAX: (509) 242-8777  
info@nichollsenineering.com

Drawn By: AVK  
Designed By: JUN  
Checked By: SMK  
Date: 12/13  
Date: 12/13  
Date: 3/14

**SCALE**  
HORIZONTAL: AS SHOWN  
VERTICAL: AS SHOWN

WHITMAN COUNTY  
**OFFICE OF COUNTY ENGINEER**  
310 N. MAIN ST.  
COLFAX, WASHINGTON 99111  
PHONE (509) 397-6206 FAX (509) 397-6210

**APPROVED:** \_\_\_\_\_  
COUNTY ENGINEER  
Date: \_\_\_\_\_

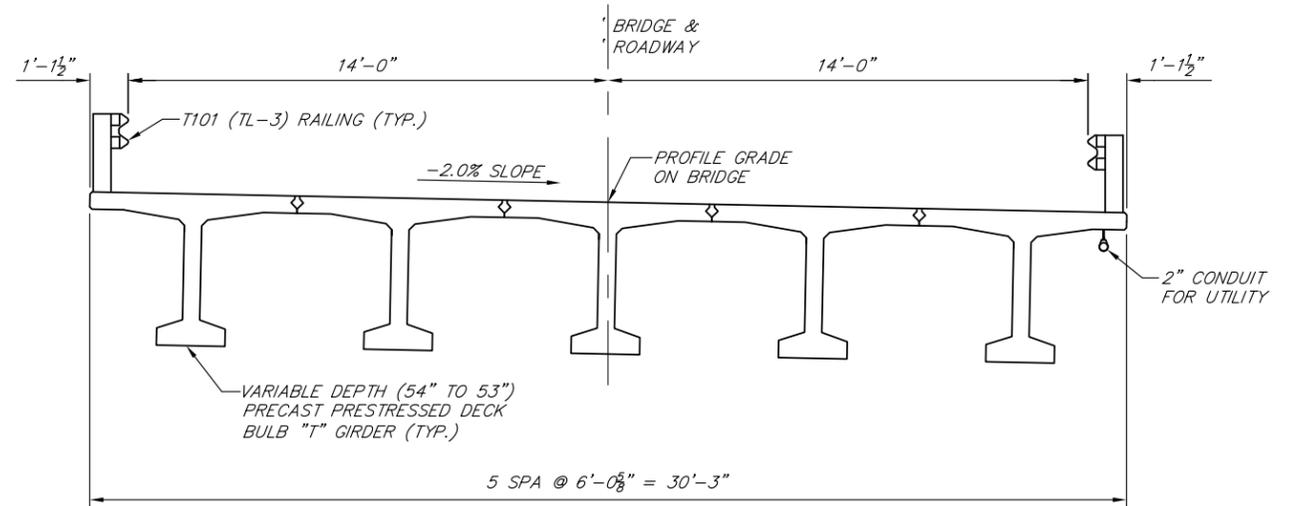
COUNTY ROAD BRIDGE PROJECT 9010-05.19(9)  
**BRIDGE LAYOUT**  
HATLEY BRIDGE REHABILITATION

SHEET  
4 of 15

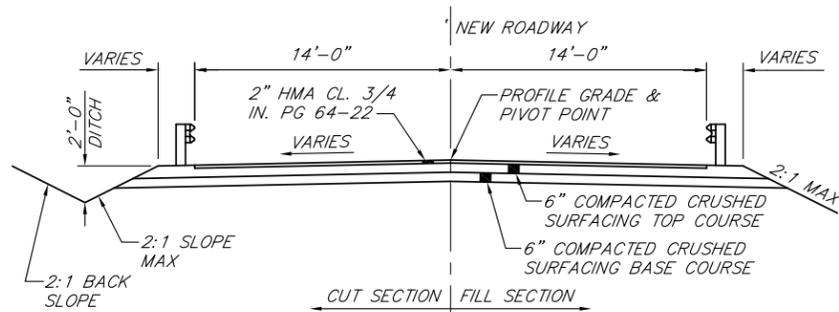
**GENERAL NOTES**

- ALL MATERIALS AND WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STATE OF WASHINGTON, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION, DATED 2014.
- THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE "AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS", DATED 2012. THE PRESTRESSED CONCRETE GIRDERS HAVE BEEN DESIGNED BY LOAD & RESISTANCE FACTOR DESIGN.
- CAST-IN-PLACE CONCRETE SHALL BE CLASS 4000 MIX.
- THE MINIMUM COMPRESSIVE STRENGTH FOR THE CONCRETE IN THE PRESTRESSED GIRDERS SHALL BE AS FOLLOWS:  

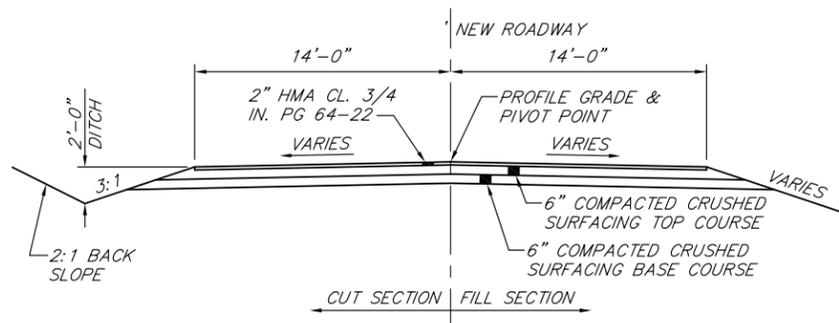
|              |           |
|--------------|-----------|
| FINAL 28 DAY | 7,000 PSI |
| RELEASE      | 6,200 PSI |
- UNLESS OTHERWISE SHOWN ON THE PLANS, CONCRETE COVER SHALL BE MEASURED FROM THE FACE OF CONCRETE TO THE FACE OF ANY REINFORCING BAR. COVER SHALL BE 2 1/2" AT THE TOP OF THE ROADWAY, 1" AT BOTTOM OF GIRDER FLANGES, 3" AT BOTTOM OF ANCHOR BLOCK, 2" AT LOCATIONS WHERE CONCRETE IS EXPOSED TO EARTH AND 1/2" AT ALL OTHER LOCATIONS.
- ALL EXISTING DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED BY CONTRACTOR IN THE FIELD.
- CONTRACTOR SHALL MONITOR THE EXISTING ABUTMENTS FOR ANY MOVEMENT CAUSED BY HIS OPERATION DURING THE PROJECT. IF ANY MOVEMENT IS NOTED, ALL WORK SHALL STOP UNTIL A SOLUTION IS PROPOSED BY THE CONTRACTOR & APPROVED BY THE ENGINEER.



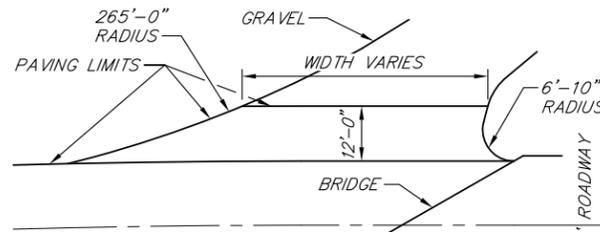
**TYPICAL BRIDGE SECTION**  
LOOKING AHEAD ON STATIONING



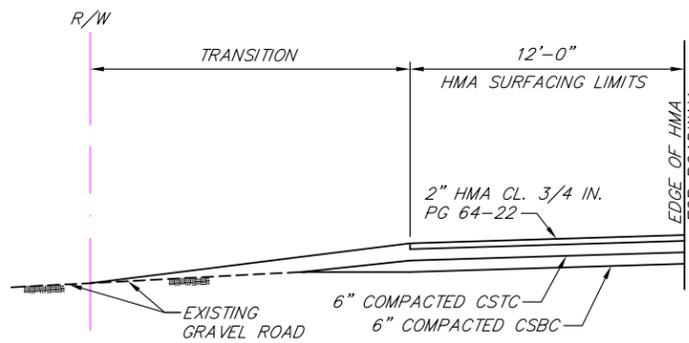
**TYPICAL ROADWAY SECTION AT BRIDGE APPROACH**  
LOOKING AHEAD ON STATIONING



**TYPICAL ROADWAY SECTION**  
LOOKING AHEAD ON STATIONING



**ROAD APPROACH**  
N.T.S.



**ROAD APPROACH SECTION**  
N.T.S.

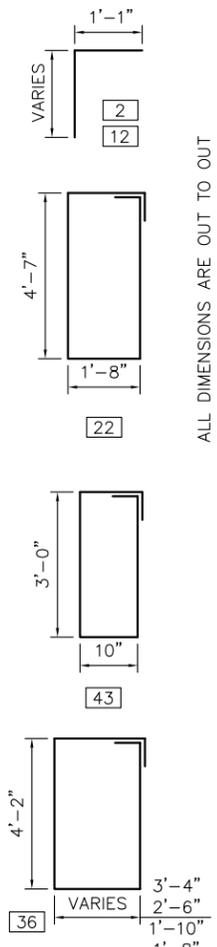
1.) TYPICAL APPROACH DIMENSIONS MAY BE MODIFIED IN THE FIELD TO MATCH EXISTING CONDITIONS.

2.) ADDITIONAL MATERIALS NEEDED TO ACCOMPLISH VERTICAL TRANSITIONS MUST BE CONSISTENT WITH THE EXISTING APPROACH MATERIALS. APPROACH EXCAVATION & COMPACTION ARE INCIDENTAL TO BID ITEMS ROADWAY EXCAVATION INCL. HAUL & EMBANKMENT COMPACTION.



| BAR LIST               |                               |            |      |     |         | BENDING DIAGRAM |
|------------------------|-------------------------------|------------|------|-----|---------|-----------------|
| MARK NO.               | LOCATION                      | WEIGHT     | SIZE | NO. | LENGTH  | REMARKS         |
| ABUTMENT CAP           |                               |            |      |     |         |                 |
| 1                      | ABUT. NO. 1 CAP HORIZ.        | 419        | 6    | 8   | 34'-10" | STR.            |
| 2                      | ABUT. NO. 1 CAP DOWELS        | 220        | 4    | 136 | 2'-5"*  | STR.            |
| 11                     | ABUT. NO. 2 CAP HORIZ.        | 419        | 6    | 8   | 34'-10" | STR.            |
| 12                     | ABUT. NO. 2 CAP DOWELS        | 227        | 4    | 136 | 2'-6"*  | STR.            |
| TIE BACK ANCHOR SYSTEM |                               |            |      |     |         |                 |
| 21                     | ANCHOR BLOCK HORIZONTAL       | 781        | 6    | 24  | 21'-8"  | STR.            |
| 22                     | ANCHOR BLOCK STIRRUPS         | 377        | 4    | 44  | 12'-10" | STR.            |
| SUPERSTRUCTURE         |                               |            |      |     |         |                 |
| 31                     | END DIA. TOP HORIZ.           | 433        | 6    | 8   | 36'-0"  | STR. EPOXY      |
| 32                     | END DIA. THRU HORIZ.          | 284        | 9    | 4   | 20'-11" | STR.            |
| 32                     | END DIA. THRU HORIZ.          | 979        | 9    | 16  | 18'-0"  | STR.            |
| 33                     | END DIA. THRU HORIZ. AT END   | 479        | 9    | 6   | 23'-6"  | STR.            |
| 34                     | END DIA. BTWN. HORIZ. AT BOT. | 28         | 6    | 2   | 9'-2"   | STR.            |
| 34                     | END DIA. BTWN. HORIZ. AT BOT. | 93         | 6    | 8   | 7'-9"   | STR.            |
| 34                     | END DIA. BTWN. HORIZ. AT BOT. | 21         | 6    | 2   | 6'-10"  | STR.            |
| 35                     | END DIA. BACK HORIZ.          | 865        | 6    | 16  | 36'-0"  | STR.            |
| 36                     | END DIA. STIRRUPS             | 942        | 4    | 92  | 15'-4"  | STR.            |
| 36                     | END DIA. STIRRUPS AT ENDS     | 37         | 4    | 4   | 13'-8"  | STR.            |
| 36                     | END DIA. STIRRUPS AT ENDS     | 33         | 4    | 4   | 12'-4"  | STR.            |
| 36                     | END DIA. STIRRUPS AT ENDS     | 32         | 4    | 4   | 12'-0"  | STR.            |
| 37                     | END DIA. BTWN. HORIZ.         | 297        | 6    | 18  | 11'-0"  | STR.            |
| 37                     | END DIA. BTWN. HORIZ.         | 75         | 6    | 6   | 8'-4"   | STR.            |
| 41                     | INTERIOR DIA. THRU HORIZ.     | 209        | 8    | 4   | 19'-7"  | STR.            |
| 41                     | INTERIOR DIA. THRU HORIZ.     | 339        | 8    | 4   | 31'-9"  | STR.            |
| 42                     | INTERIOR DIA. BTWN. HORIZ.    | 470        | 4    | 64  | 11'-0"  | STR.            |
| 43                     | INTERIOR DIA. STIRRUPS        | 599        | 4    | 112 | 8'-0"   | STR.            |
| SUPERSTRUCTURE         |                               |            |      |     |         |                 |
| UNCOATED BARS          |                               | 5,782 lbs. |      |     |         |                 |
| EPOXY COATED BARS      |                               | 433 lbs.   |      |     |         |                 |
| ABUTMENT CAP           |                               |            |      |     |         |                 |
| UNCOATED BARS          |                               | 1,285 lbs. |      |     |         |                 |
| TIE BACK ANCHOR SYSTEM |                               |            |      |     |         |                 |
| UNCOATED BARS          |                               | 1,158 lbs. |      |     |         |                 |

\* AVERAGE



ALL DIMENSIONS ARE OUT TO OUT

| No. | Date | By | Ckd. | Appr. | Revision |
|-----|------|----|------|-------|----------|
|     |      |    |      |       |          |

**NICHOLLS ENGINEERING**  
CIVIL AND STRUCTURAL ENGINEERING  
PO BOX 14706  
SPOKANE, WA 99214  
PH: (509) 921-6747 FAX: (509) 242-8777  
info@nichollsenineering.com

Drawn By: AVK  
Designed By: JUN  
Checked By: SMK  
Date: 12/13  
Date: 12/13  
Date: 3/14

**SCALE**  
HORIZONTAL: AS SHOWN  
VERTICAL: AS SHOWN

WHITMAN COUNTY  
**OFFICE OF COUNTY ENGINEER**  
310 N. MAIN ST.  
COLFAX, WASHINGTON 99111  
PHONE (509) 397-6206 FAX (509) 397-6210

APPROVED: \_\_\_\_\_  
COUNTY ENGINEER  
Date: \_\_\_\_\_

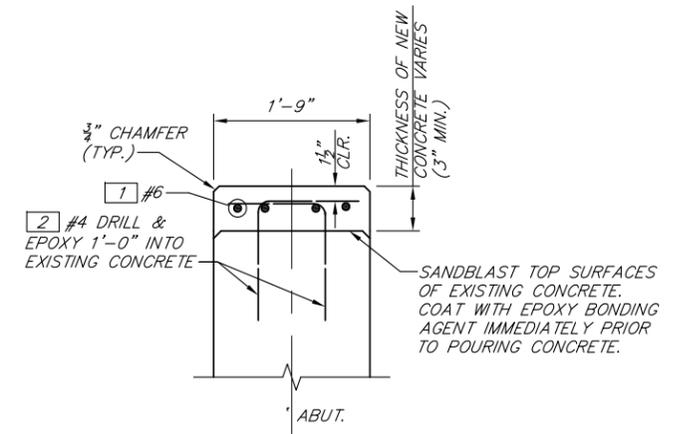
COUNTY ROAD BRIDGE PROJECT 9010-05.19(9)  
**GENERAL DETAILS & BAR LIST**  
HATLEY BRIDGE REHABILITATION

SHEET  
5 of 15

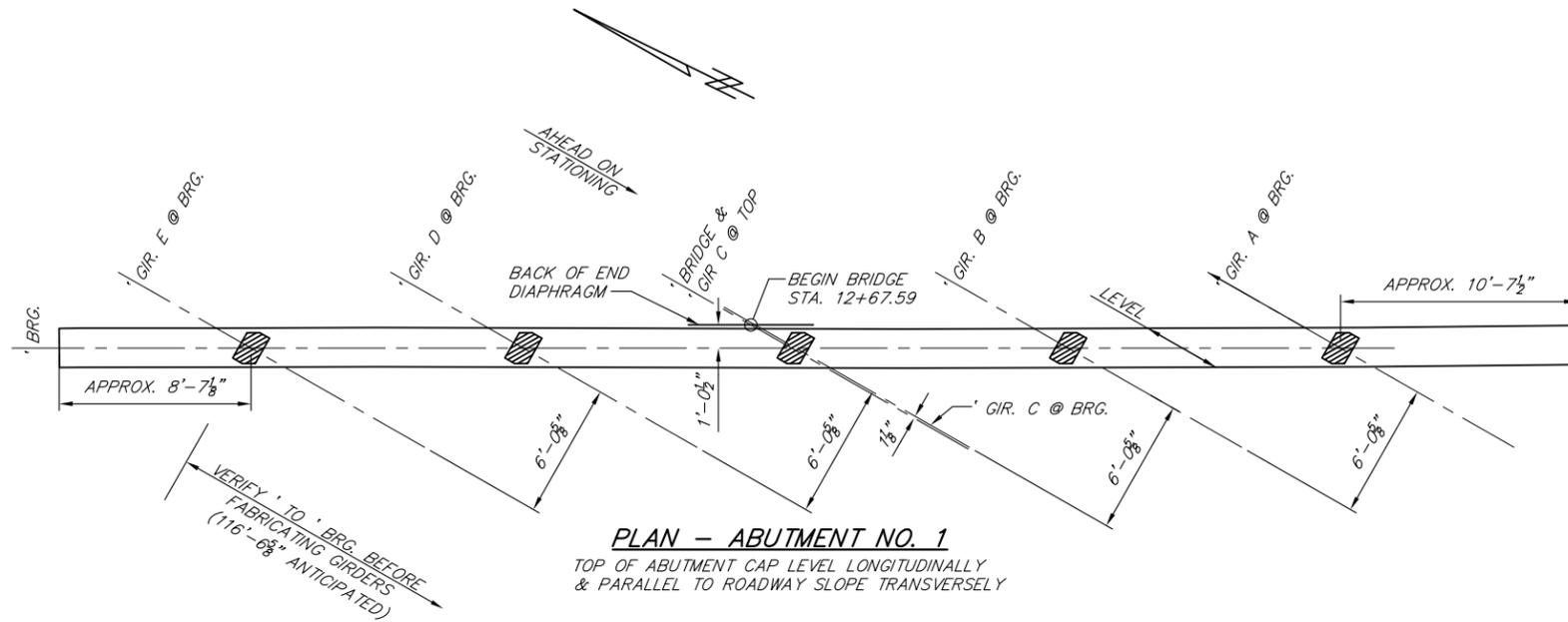
**TOP OF ABUTMENT CAP ELEVATIONS**

|             | GIR. A  | GIR. B  | GIR. C  | GIR. D  | GIR. E  |
|-------------|---------|---------|---------|---------|---------|
| ABUT. NO. 1 | 2396.20 | 2396.12 | 2396.00 | 2395.86 | 2395.69 |
| ABUT. NO. 2 | 2393.87 | 2394.11 | 2394.31 | 2394.49 | 2394.64 |

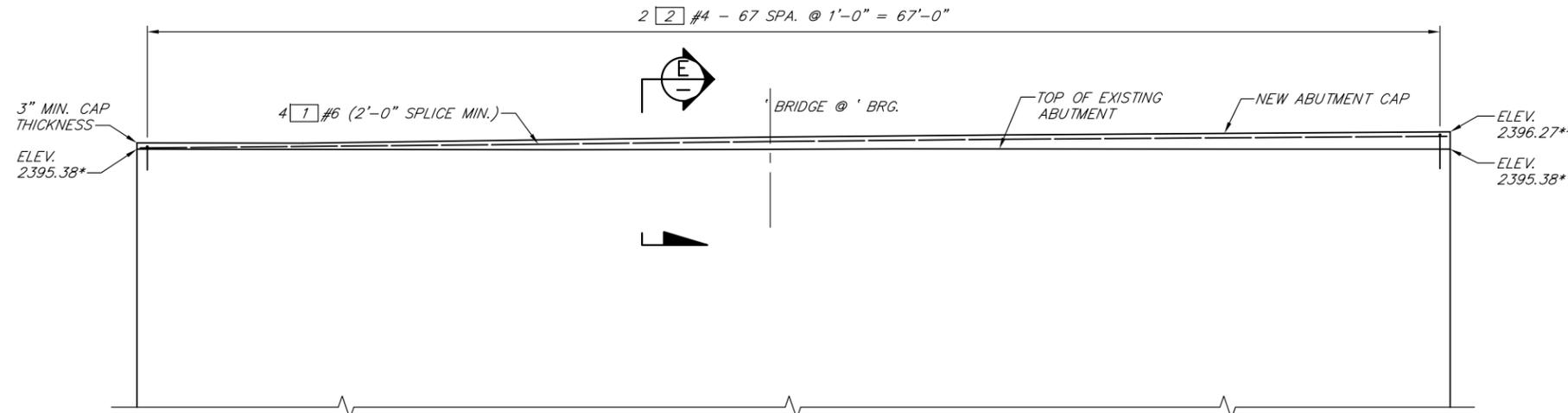
NOTE: ELEVATIONS SHOWN ARE AT ' BEARING TOP OF NEW CONCRETE



**E ABUTMENT NO. 1 CAP SECTION**



**PLAN - ABUTMENT NO. 1**  
TOP OF ABUTMENT CAP LEVEL LONGITUDINALLY & PARALLEL TO ROADWAY SLOPE TRANSVERSELY

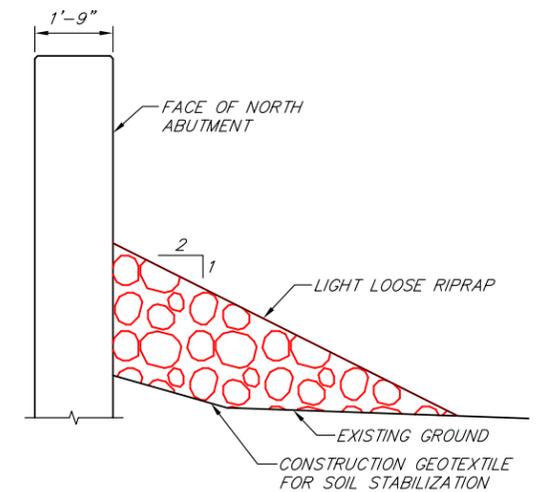


**ELEVATION - ABUTMENT NO. 1**

\* EXISTING ELEVATION (VERIFY)  
\*\* NEW ELEVATION

**NOTE**

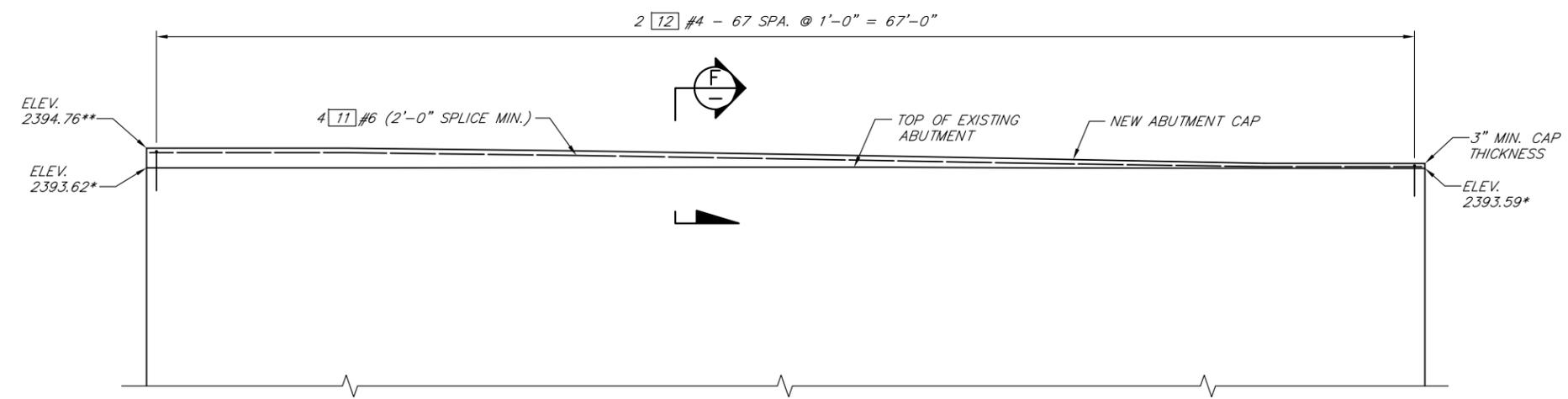
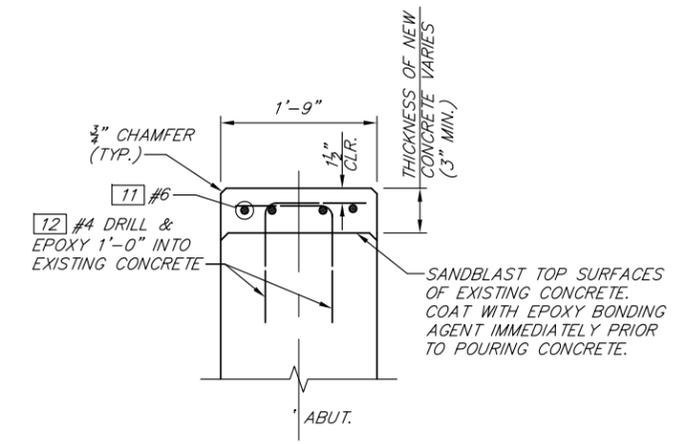
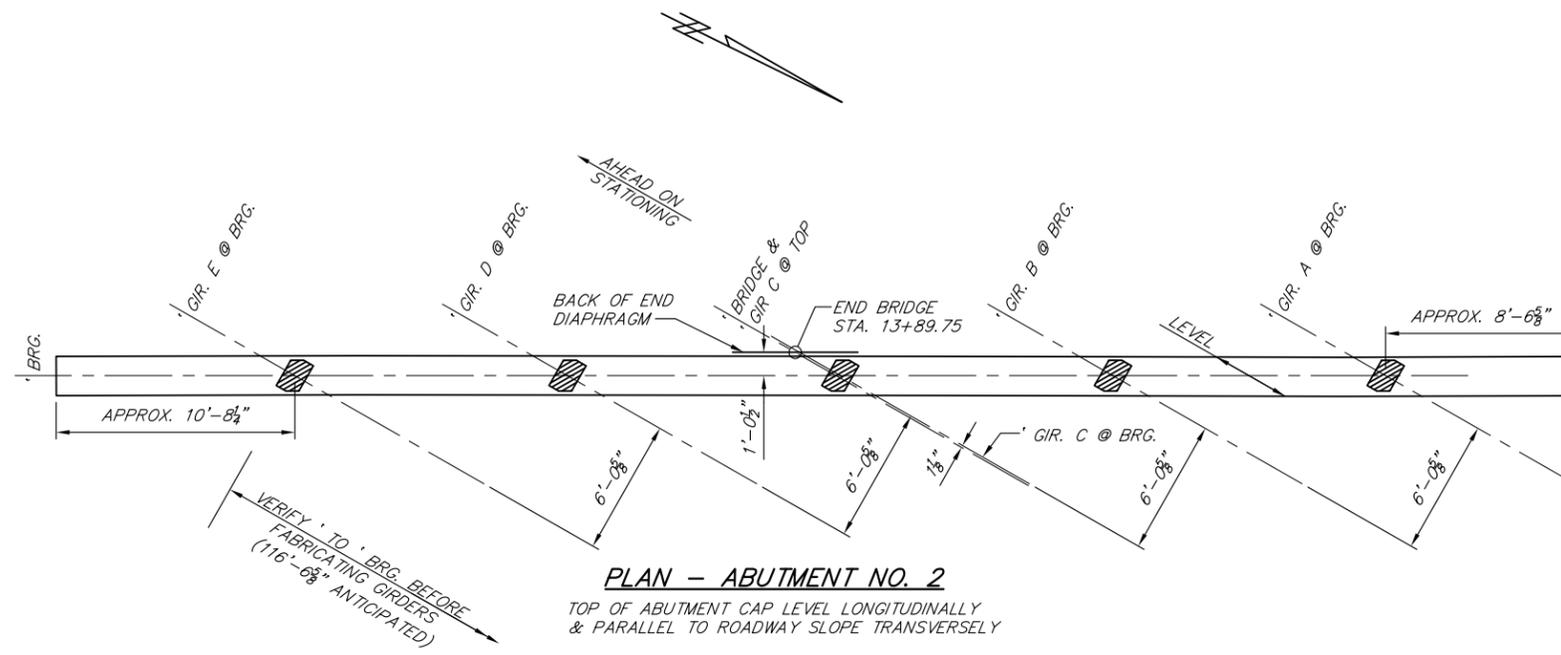
- SEE "TOP OF ABUTMENT CAP ELEVATIONS" FOR BEARING ELEVATIONS
- THE DRAWINGS SHOW THE BEARING PADS PLACED DIRECTLY ON THE POURED CONCRETE SURFACE. NO GROUT PADS ARE SHOWN. THE SMOOTHNESS AND FINISH OF THE BEARING SURFACE IS CRITICAL. THE CONTRACTOR SHALL EXERCISE DUE CARE TO ENSURE THE BEARING ELEVATIONS ARE ACCURATE.



**RIPRAP AT NORTH ABUTMENT**

ACTUAL QUANTITY OF RIPRAP TO BE DETERMINED IN FIELD.  
DRAWING NOT TO SCALE





**NOTE**  
1. SEE "TOP OF ABUTMENT CAP ELEVATIONS" FOR BEARING ELEVATIONS  
2. THE DRAWINGS SHOW THE BEARING PADS PLACED DIRECTLY ON THE Poured CONCRETE SURFACE. NO GROUT PADS ARE SHOWN. THE SMOOTHNESS AND FINISH OF THE BEARING SURFACE IS CRITICAL. THE CONTRACTOR SHALL EXERCISE DUE CARE TO ENSURE THE BEARING ELEVATIONS ARE ACCURATE.

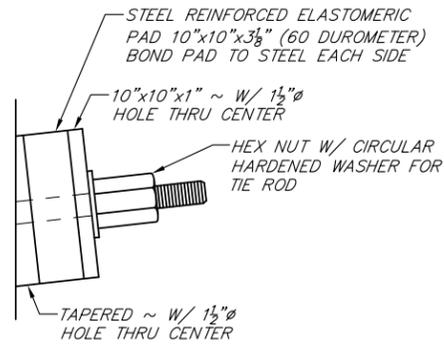
\* EXISTING ELEVATION (VERIFY)  
\*\* NEW ELEVATION



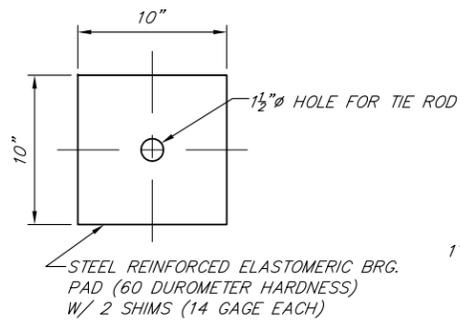
|  |  |  |  |  |   |   |                  |
|--|--|--|--|--|---|---|------------------|
| △<br>△<br>△<br>△<br>No. Date By Ckd. Appr. | <b>NICHOLLS ENGINEERING</b><br>CIVIL AND STRUCTURAL ENGINEERING<br>PO BOX 14706<br>SPOKANE, WA 99214<br>PH: (509) 921-6747 FAX: (509) 242-8777<br>info@nichollsengineering.com | Drawn By: AVK<br>Designed By: JJN<br>Checked By: SMK<br>Date: 12/13<br>Date: 12/13<br>Date: 3/14 | <b>SCALE</b><br>HORIZONTAL: AS SHOWN<br>VERTICAL: AS SHOWN | WHITMAN COUNTY<br><b>OFFICE OF COUNTY ENGINEER</b><br>310 N. MAIN ST.<br>COLFAX, WASHINGTON 99111<br>PHONE (509) 397-6206 FAX (509) 397-6210 | APPROVED: _____<br>COUNTY ENGINEER<br>Date: _____ | <b>COUNTY ROAD BRIDGE PROJECT 9010-05.19(9)</b><br><b>ABUTMENT DETAILS NO. 2</b><br><b>HATLEY BRIDGE REHABILITATION</b> | SHEET<br>7 of 15 |
|--|--|--|--|--|---|---|------------------|

**TIE-BACK NOTES**

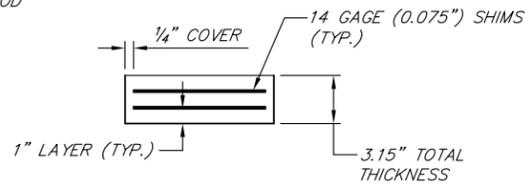
1. STEEL PLATES SHALL BE ASTM A36 GALVANIZED.
2. TIE RODS SHALL BE GRADE 75 (ASTM A615) ALL-THREAD GALVANIZED
3. TIE RODS SHALL BE TIGHTENED TO SNUG.
4. FRONT FACE OF ANCHOR BLOCK WILL REQUIRE EXTRA COMPACTION



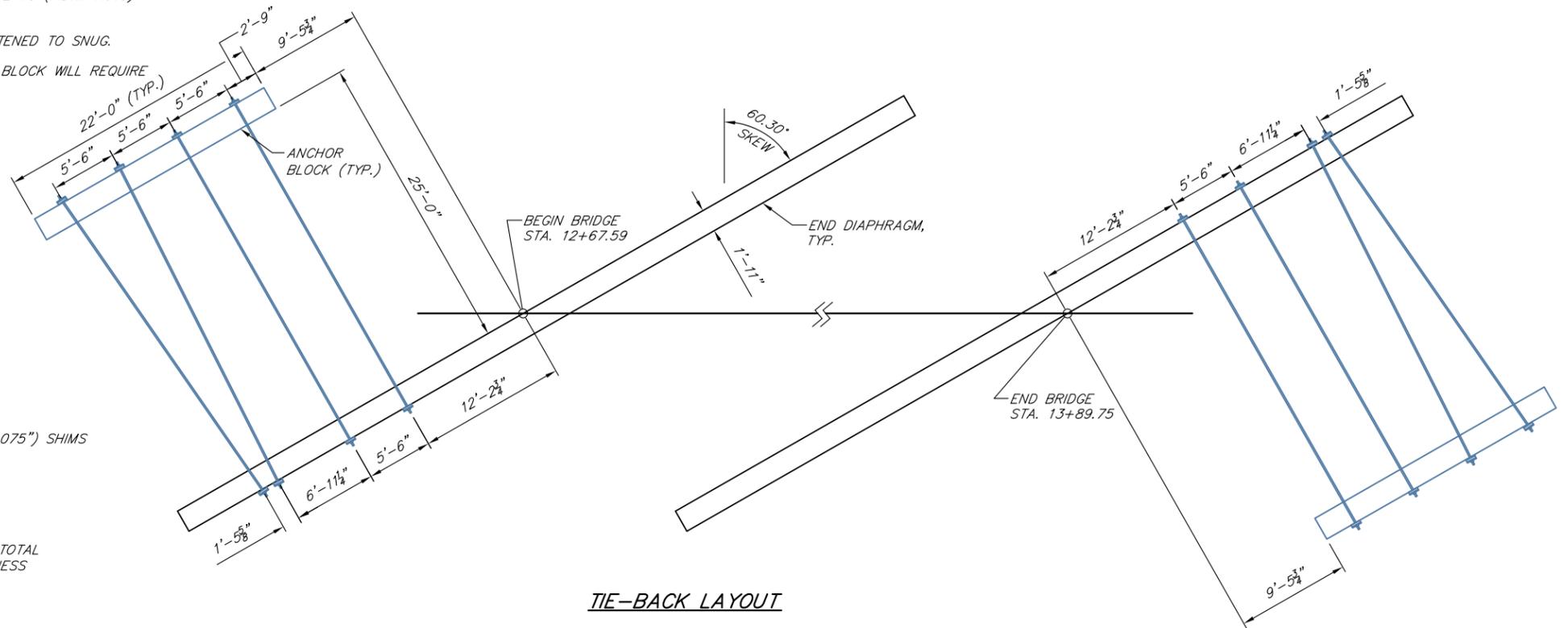
**TIE-BACK CONNECTION DETAIL**  
16 REQUIRED SEE SPECIAL PROVISIONS



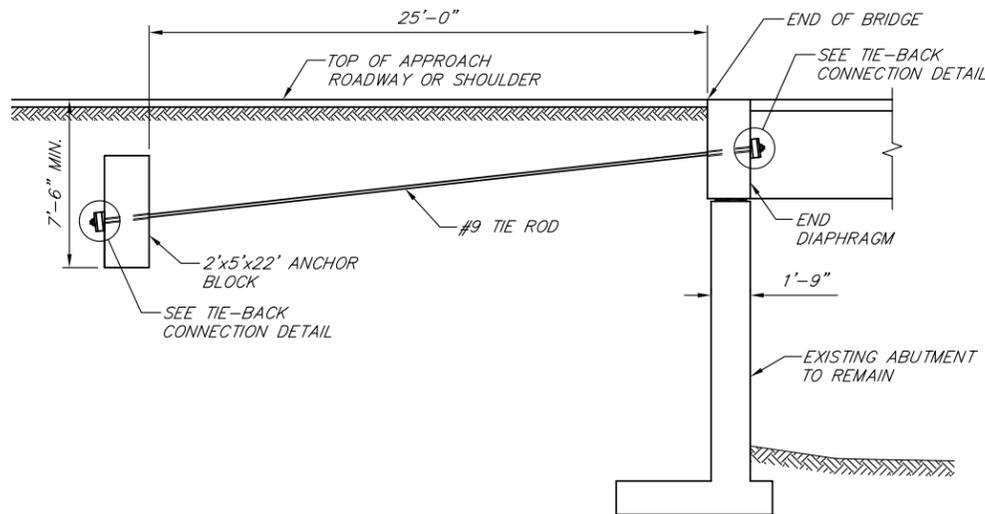
**BEARING PAD PLAN**



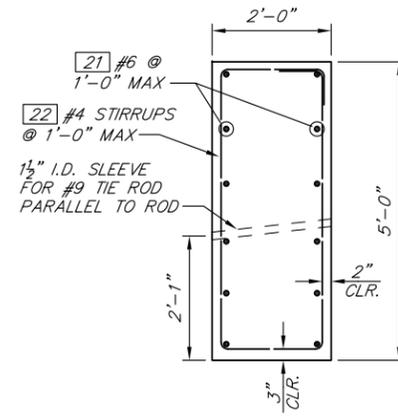
**BEARING PAD ELEVATION**  
16 TOTAL REQUIRED



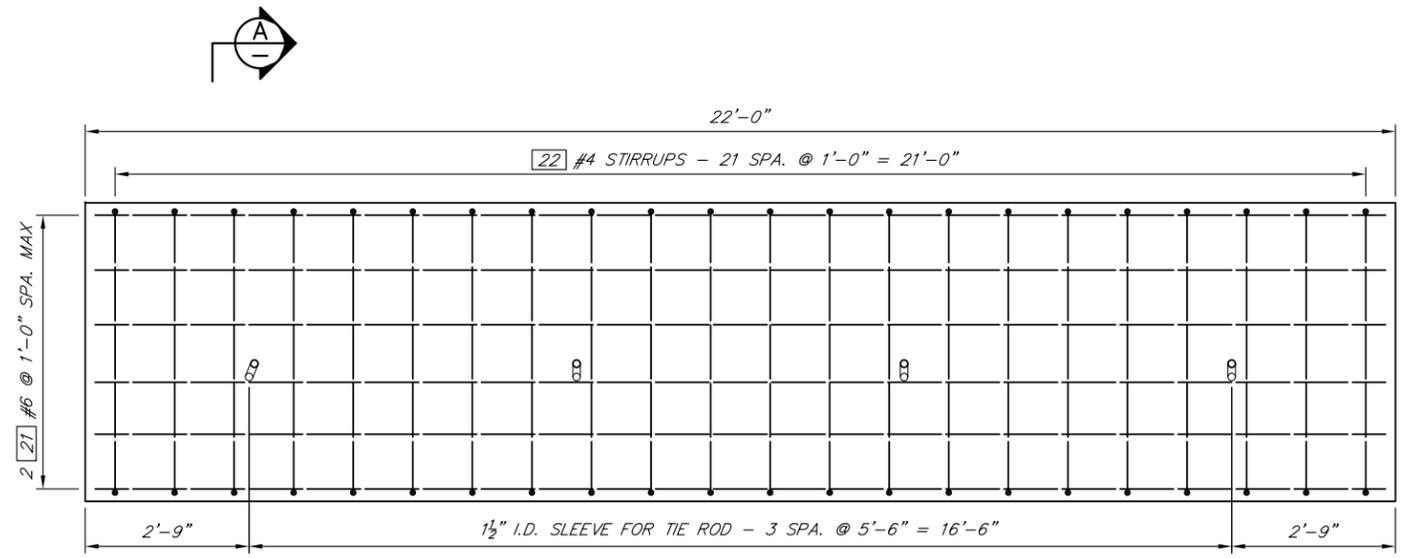
**TIE-BACK LAYOUT**



**ANCHOR & TIE-BACK SYSTEM**  
LOOKING NORMAL TO SKEW



**SECTION A**



**ANCHOR BLOCK ELEVATION**

| No. | Date | By | Ckd. | Appr. | Revision |
|-----|------|----|------|-------|----------|
|     |      |    |      |       |          |
|     |      |    |      |       |          |
|     |      |    |      |       |          |

**NICHOLLS ENGINEERING**  
CIVIL AND STRUCTURAL ENGINEERING  
PO BOX 14706  
SPOKANE, WA 99214  
PH: (509) 921-6747 FAX: (509) 242-8777  
info@nichollsengineering.com

Drawn By: AVK Date: 12/13  
Designed By: JJN Date: 12/13  
Checked By: SMK Date: 3/14

**SCALE**  
HORIZONTAL: AS SHOWN  
VERTICAL: AS SHOWN

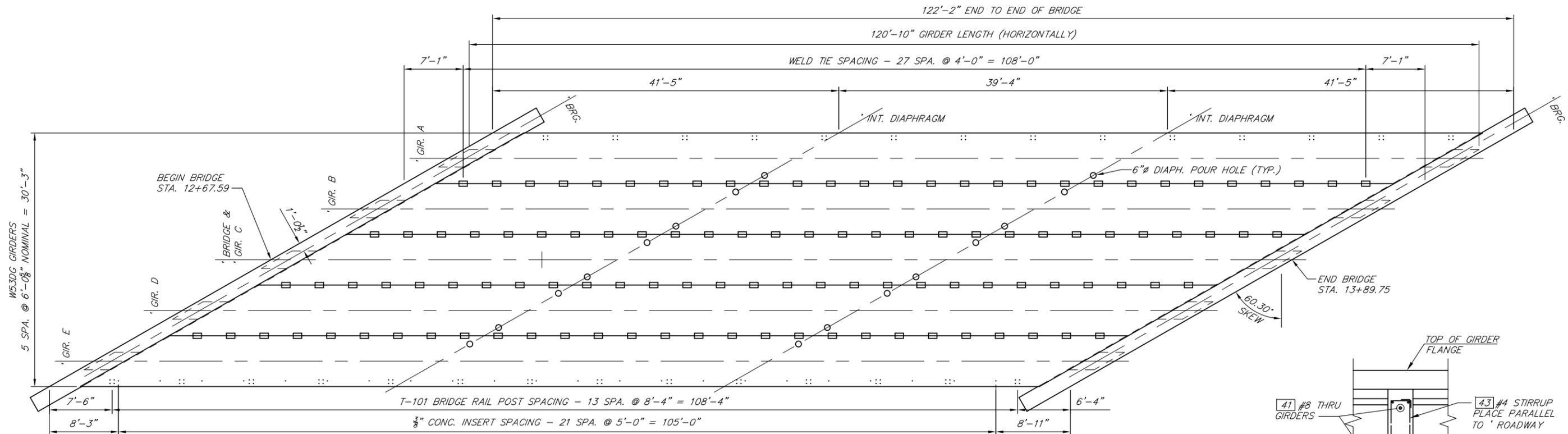
WHITMAN COUNTY  
**OFFICE OF COUNTY ENGINEER**  
310 N. MAIN ST.  
COLFAX, WASHINGTON 99111  
PHONE (509) 397-6206 FAX (509) 397-6210

**APPROVED:** \_\_\_\_\_  
COUNTY ENGINEER  
Date: \_\_\_\_\_

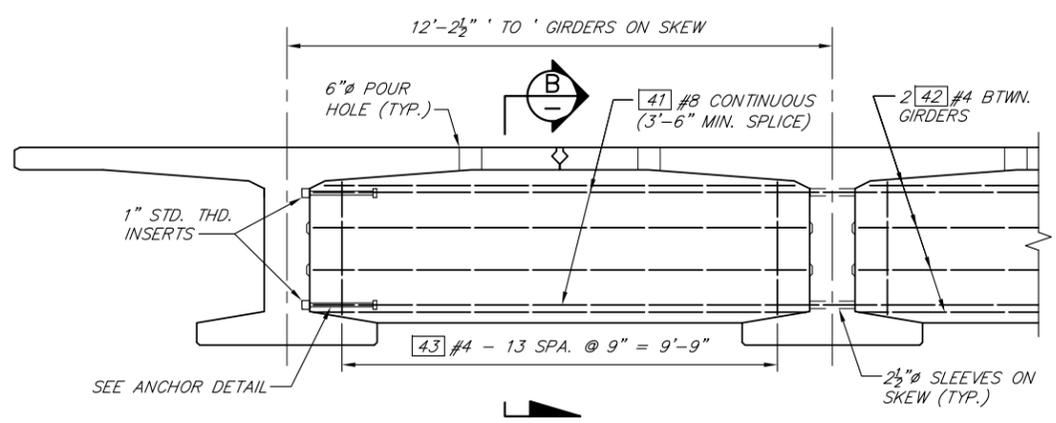
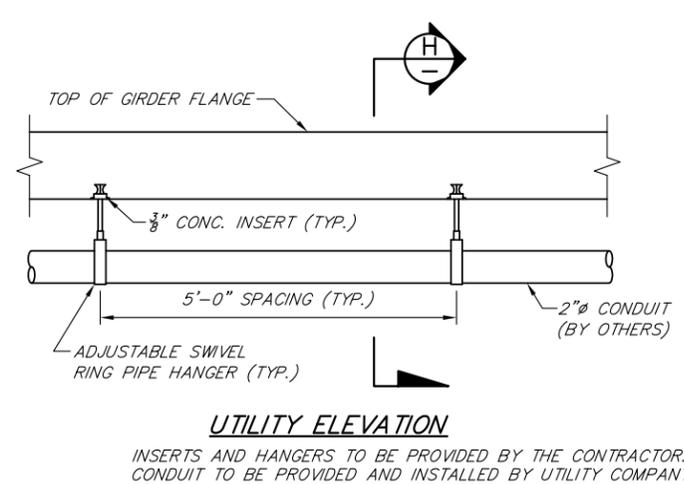
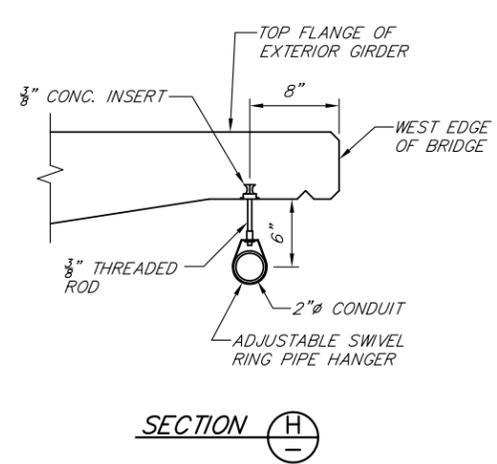
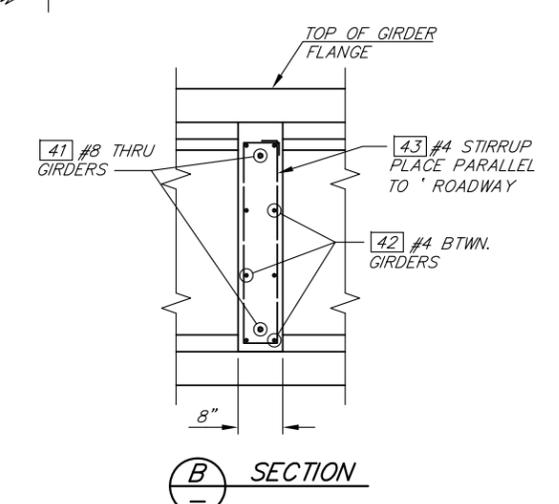
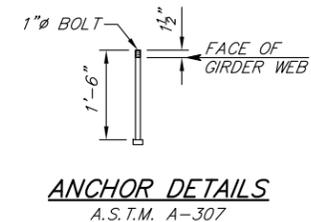
**COUNTY ROAD BRIDGE PROJECT 9010-05.19(9)**  
**TIE BACK ANCHOR SYSTEM**  
**HATLEY BRIDGE REHABILITATION**

SHEET  
8 of 15

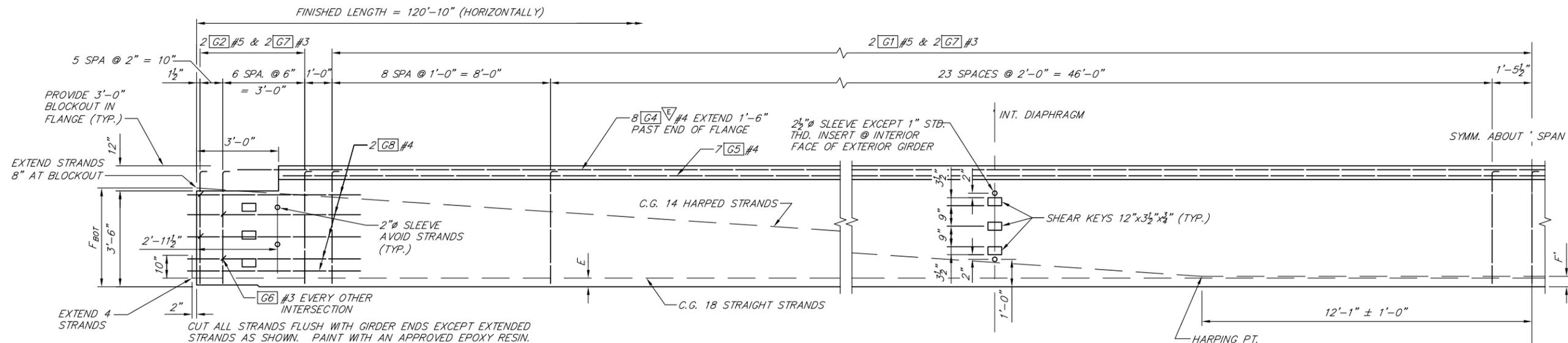




**DECK PLAN**

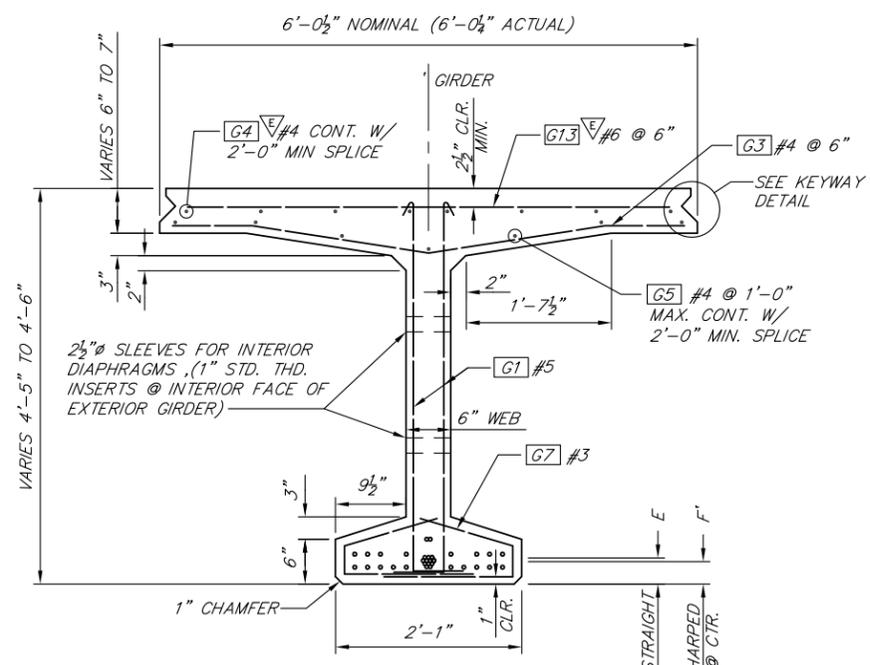


|  |      |    |      |       |  |  |  |  |   |                  |
|--|------|----|------|-------|--|--|--|--|---|------------------|
| <b>NICHOLLS ENGINEERING</b><br>CIVIL AND STRUCTURAL ENGINEERING<br>PO BOX 14706<br>SPOKANE, WA 99214<br>PH: (509) 921-6747 FAX: (509) 242-8777<br>info@nichollsengineering.com |      |    |      |       | Drawn By: AVK<br>Designed By: JLN<br>Checked By: SMK<br>Date: 12/13<br>Date: 12/13<br>Date: 3/14 | <b>SCALE</b><br>HORIZONTAL: AS SHOWN<br>VERTICAL: AS SHOWN | WHITMAN COUNTY<br><b>OFFICE OF COUNTY ENGINEER</b><br>310 N. MAIN ST.<br>COLFAX, WASHINGTON 99111<br>PHONE (509) 397-6206 FAX (509) 397-6210 | <b>APPROVED:</b> _____<br>COUNTY ENGINEER<br>Date: _____ | <b>COUNTY ROAD BRIDGE PROJECT 9010-05.19(9)</b><br><b>DECK PLAN &amp; BRIDGE SECTION</b><br><b>HATLEY BRIDGE REHABILITATION</b> | SHEET<br>9 of 15 |
| No.  | Date | By | Ckd. | Appr. | Revision   |  |  |  |   |                  |



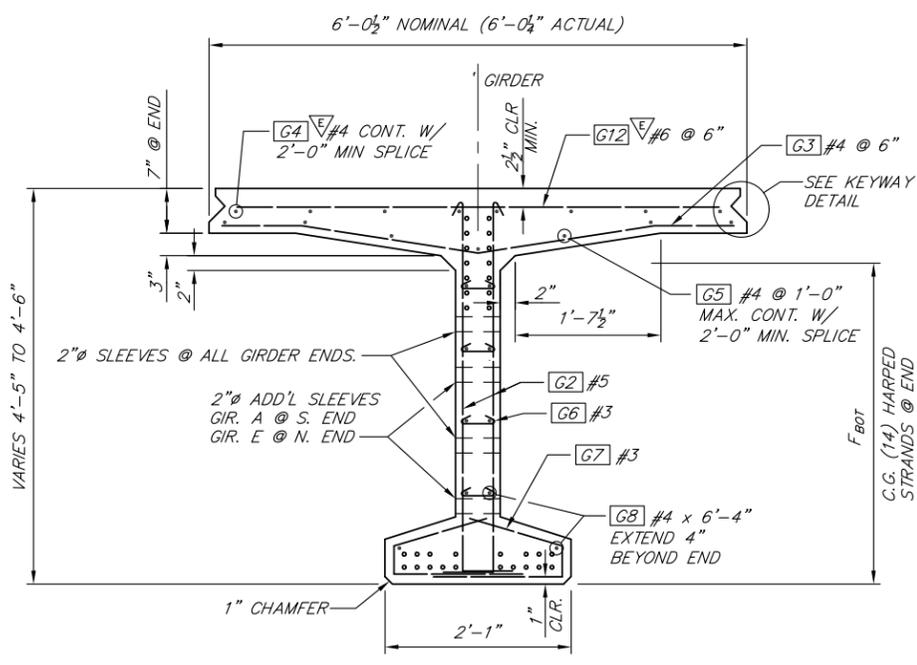
- NOTES:**
1. ALL DIMENSIONING SHOWN IS TAKEN AT ' OF GIRDER
  2. GIRDERS A & E HAVE ADDITIONAL 2" SLEEVES AT ENDS, SEE END SECTION
  3. GIRDER ENDS SHALL BE VERTICAL AFTER GIRDERS ARE SET

**GIRDER ELEVATION**



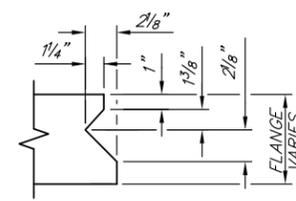
**TYPICAL GIRDER SECTION**  
EPOXY COATED BARS

OMIT KEYWAY ON EXTERIOR EDGE OF EXTERIOR GIRDERS

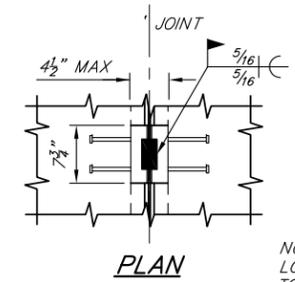


**GIRDER END SECTION**  
EPOXY COATED BARS

OMIT KEYWAY ON EXTERIOR EDGE OF EXTERIOR GIRDERS

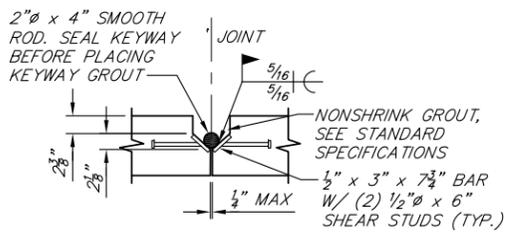


**KEYWAY DETAIL**



**PLAN**

NOTE: WELD TIE BLOCKOUT LONGER THAN STANDARD TO ACCOMMODATE GIRDER ALIGNMENT CORRECTIONS



**TYPICAL WELD TIE DETAIL**

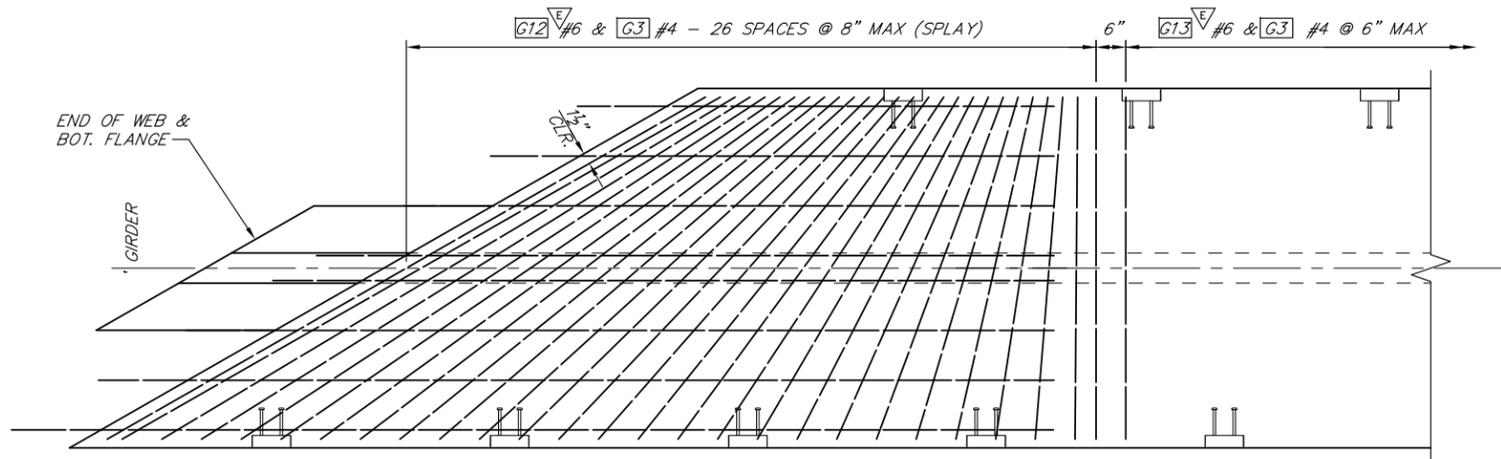
THE KEYWAYS AND WELD TIES SHALL BE LIGHTLY SAND BLASTED AT PLANT.



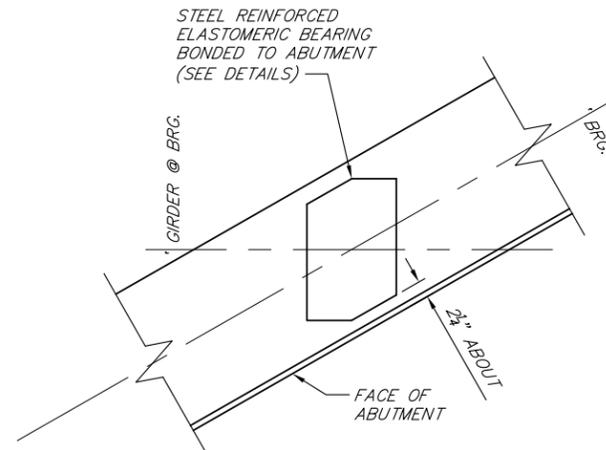
| GIRDER SCHEDULE ALL STRANDS SHALL BE 0.60"Ø |                        |               |                      |                   |                     |                       |                      |                          |         |                       |                |                      |
|---|------------------------|---------------|----------------------|-------------------|---------------------|-----------------------|----------------------|--------------------------|---------|-----------------------|----------------|----------------------|
| SPAN NUMBER                                 | SPAN LENGTH BRG. (FT.) | GIRDER NUMBER | STRENGTH OF CONCRETE |                   | NO. OF STR. STRANDS | NO. OF HARPED STRANDS | JACKING FORCE (KIPS) | LOCATION OF C.G. STRANDS |         |                       | TEMP. STRANDS  |                      |
|   |                        |               | FINAL F'c (KSI)      | RELEASE F'c (KSI) |                     |                       |                      | E (IN)                   | F' (IN) | F <sub>BOT</sub> (IN) | NO. OF STRANDS | JACKING FORCE (KIPS) |
| 1   | 118.00                 | ALL           | 7.00                 | 6.20              | 18                  | 14                    | 1406.16              | 3.14                     | 3.43    | 42.00                 | 0              | 0                    |

**GIRDER NOTES**

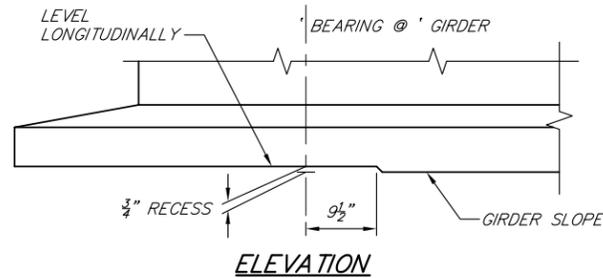
1. PLAN LENGTH SHALL BE INCREASED AS NECESSARY TO COMPENSATE FOR SHORTENING DUE TO PRESTRESS AND SHRINKAGE.
2. ALL PRESTRESSING STRANDS SHALL BE 0.6"Ø AASHTO M203 GRADE 270 LOW RELAXATION STRANDS JACKED TO 202.5 KSI.
3. CUT ALL STRANDS FLUSH WITH THE GIRDER ENDS AND PAINT WITH AN APPROVED EPOXY RESIN, EXCEPT FOR EXTENDED STRANDS AS SHOWN.
4. THE TOP SURFACE OF THE GIRDER FLANGE SHALL BE FINISHED IN ACCORDANCE WITH SECTION 6-02.3(25)H OF THE STANDARD SPECIFICATIONS.
5. LIFTING EMBEDMENTS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 6-02.3(25)L OF THE STANDARD SPECIFICATIONS. AFTER ERECTION, CUT OFF LIFTING EMBEDMENTS 1 INCH BELOW THE TOP OF THE FLANGE AND FILL WITH AN APPROVED GROUT.
6. CAUTION SHALL BE EXERCISED IN HANDLING AND PLACING GIRDERS. ALL GIRDERS SHALL BE CHECKED BY THE CONTRACTOR TO ENSURE THAT THEY ARE BRACED ADEQUATELY TO PREVENT TIPPING AND TO CONTROL LATERAL BENDING DURING SHIPPING. ONCE ERECTED, ALL GIRDERS SHALL BE BRACED Laterally TO PREVENT TIPPING UNTIL THE DIAPHRAGMS ARE CAST AND CURED.
7. FORMS FOR BEARING PAD RECESSES SHALL BE CONSTRUCTED AND FASTENED IN SUCH A MANNER AS TO NOT CAUSE DAMAGE TO THE GIRDER DURING THE STRAND RELEASE OPERATION.
8. STRUCTURAL STEEL SHAPES AND ASSEMBLIES SHALL BE ASTM A36. THEY SHALL BE PAINTED WITH A PRIMER COAT IN ACCORDANCE WITH STD. SPEC. 6-07.3(9). WELD TIES SHALL BE PAINTED WITH A FIELD PRIMER COAT OF AN ORGANIC ZINC PAINT AFTER FIELD WELDING.
9. FOR INTERIOR DIAPHRAGMS, OMIT HOLES AND PLACE INSERTS ON THE INTERIOR FACE OF EXTERIOR GIRDERS. PLACE HOLES AND INSERTS PARALLEL TO SKEW. INSERTS SHALL BE 1"Ø MEADOWBURKE MX-3 HI-TENSILE, 1"Ø x 5½" WILLIAMS F22 OPEN FERRULE INSERT, 1"Ø x 4½" DAYTON-SUPERIOR F-62 FLARED THIN SLAB FERRULE INSERT OR APPROVED EQUAL.
10. TOP 2" OF THE GIRDER FLANGE SHALL BE AIR-ENTRAINED CONCRETE.



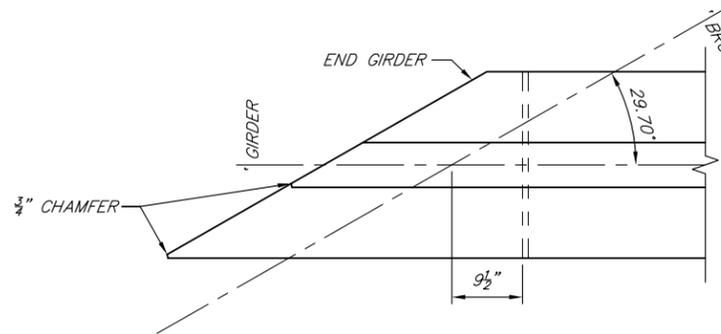
**GIRDER END PLAN**  
 INTERIOR GIRDER SHOWN  
 OMIT WELD TIES FOR EXTERIOR GIRDERS  
 OTHER REINFORCING NOT SHOWN FOR CLARITY



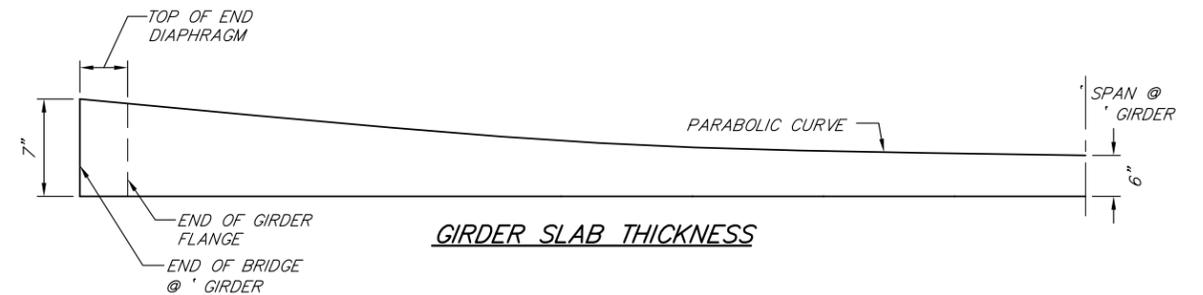
**GIRDER PAD LAYOUT**  
 BEARING PAD LOCATION TO BE FIELD VERIFIED PRIOR TO FABRICATING GIRDERS



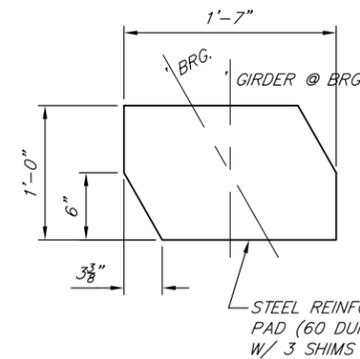
**ELEVATION**



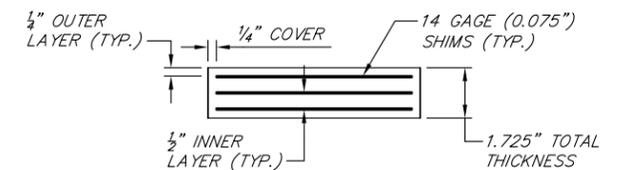
**PLAN - TYP. BEARING RECESS**



**GIRDER SLAB THICKNESS**



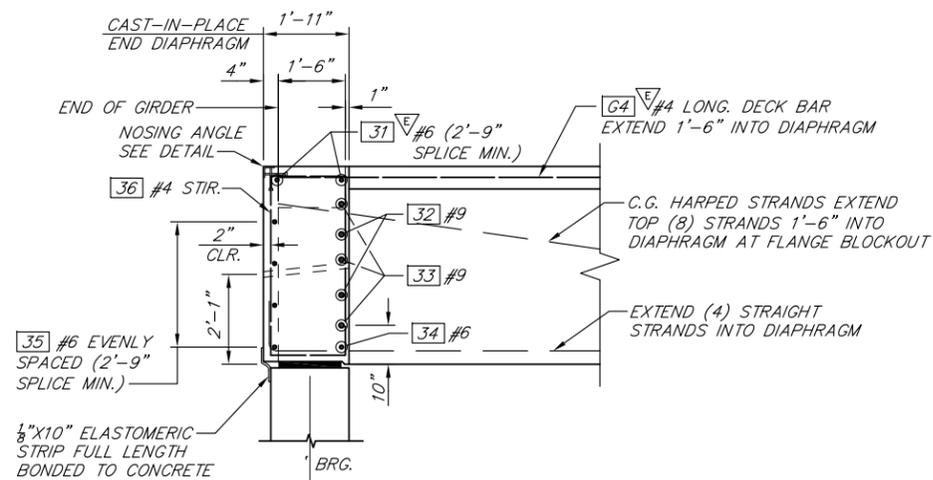
**BEARING PAD PLAN**



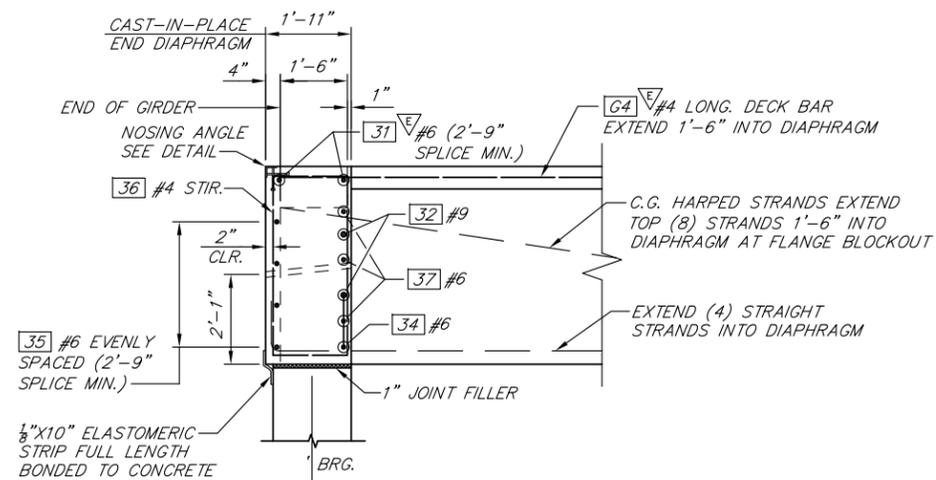
**BEARING PAD ELEVATION**



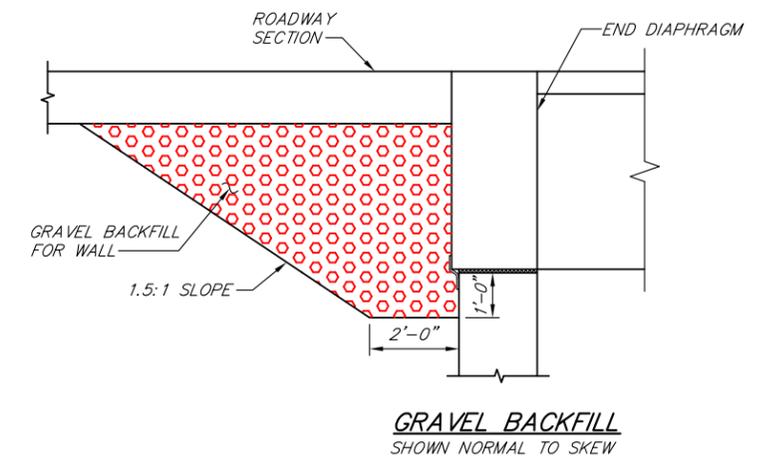
| <table border="1"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr> <th>No.</th> <th>Date</th> <th>By</th> <th>Ckd.</th> <th>Appr.</th> <th>Revision</th> </tr> </table> |      |    |      |       |          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | No. | Date | By | Ckd. | Appr. | Revision | <p><b>NICHOLLS ENGINEERING</b><br/>         CIVIL AND STRUCTURAL ENGINEERING<br/>         PO BOX 14706<br/>         SPOKANE, WA 99214<br/>         PH: (509) 921-6747 FAX: (509) 242-8777<br/>         info@nichollsengineering.com</p> | <p>Drawn By: AVK Date: 12/13<br/>         Designed By: JJN Date: 12/13<br/>         Checked By: SMK Date: 3/14</p> | <p><b>SCALE</b><br/>         HORIZONTAL: AS SHOWN<br/>         VERTICAL: AS SHOWN</p> | <p>WHITMAN COUNTY<br/> <b>OFFICE OF COUNTY ENGINEER</b><br/>         310 N. MAIN ST.<br/>         COLFAX, WASHINGTON 99111<br/>         PHONE (509) 397-6206 FAX (509) 397-6210</p> | <p>APPROVED: _____<br/>         COUNTY ENGINEER<br/>         Date: _____</p> | <p><b>COUNTY ROAD BRIDGE PROJECT 9010-05.19(9)</b><br/> <b>GIRDER DETAILS NO. 2</b><br/> <b>HATLEY BRIDGE REHABILITATION</b></p> | <p>SHEET<br/>         11 of 15</p> |
|--|------|----|------|-------|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----|------|----|------|-------|----------|---|--|---|---|--|--|------------------------------------|
|  |      |    |      |       |          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |    |      |       |          |   |  |   |   |  |  |                                    |
|  |      |    |      |       |          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |    |      |       |          |   |  |   |   |  |  |                                    |
|  |      |    |      |       |          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |    |      |       |          |   |  |   |   |  |  |                                    |
|  |      |    |      |       |          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |    |      |       |          |   |  |   |   |  |  |                                    |
| No.  | Date | By | Ckd. | Appr. | Revision |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |     |      |    |      |       |          |   |  |   |   |  |  |                                    |



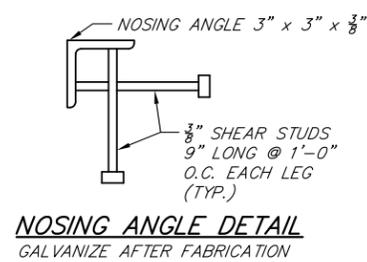
**C** END DIAPHRAGM  
SHOWN NORMAL TO SKEW



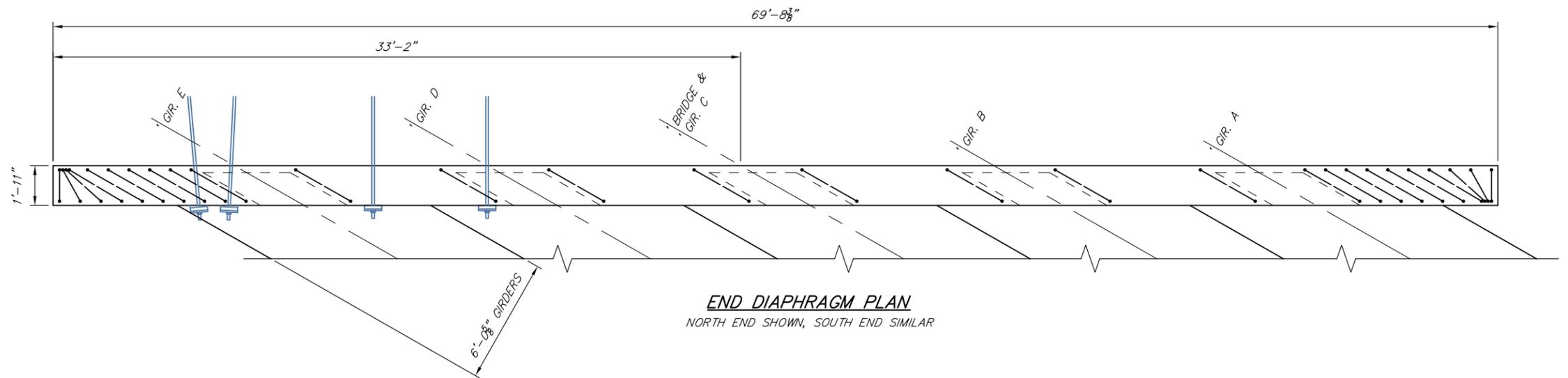
**D** END DIAPHRAGM  
SHOWN NORMAL TO SKEW



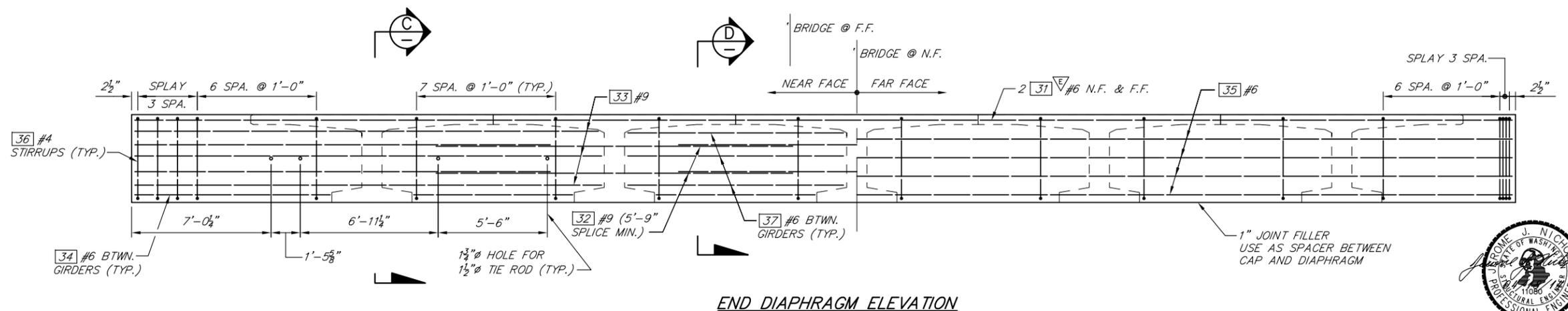
GRAVEL BACKFILL  
SHOWN NORMAL TO SKEW



NOSING ANGLE DETAIL  
GALVANIZE AFTER FABRICATION



END DIAPHRAGM PLAN  
NORTH END SHOWN, SOUTH END SIMILAR



END DIAPHRAGM ELEVATION



| No. | Date | By | Ckd. | Appr. | Revision |
|-----|------|----|------|-------|----------|
|     |      |    |      |       |          |

**NICHOLLS ENGINEERING**  
CIVIL AND STRUCTURAL ENGINEERING  
PO BOX 14706  
SPOKANE, WA 99214  
PH: (509) 921-6747 FAX: (509) 242-8777  
info@nichollsengineering.com

Drawn By: AVK Date: 12/13  
Designed By: JJN Date: 12/13  
Checked By: SMK Date: 3/14

**SCALE**  
HORIZONTAL: AS SHOWN  
VERTICAL: AS SHOWN

WHITMAN COUNTY  
**OFFICE OF COUNTY ENGINEER**  
310 N. MAIN ST.  
COLFAX, WASHINGTON 99111  
PHONE (509) 397-6206 FAX (509) 397-6210

APPROVED: \_\_\_\_\_  
COUNTY ENGINEER  
Date: \_\_\_\_\_

COUNTY ROAD BRIDGE PROJECT 9010-05.19(9)  
**DIAPHRAGM DETAILS**  
HATLEY BRIDGE REHABILITATION

SHEET  
12 of 15

**RAILING NOTES:**

THIS RAIL HAS BEEN SUCCESSFULLY EVALUATED BY FULL-SCALE CRASH TESTS TO MEET NCHRP REPORT 230 SL-2 CRITERIA.

SECTION LENGTHS OF TS 4 X 3 MEMBERS SHALL BE ATTACHED CONTINUOUSLY TO A MINIMUM OF THREE POSTS (EXCEPT AT ABUTMENTS WITH EXPANSION JOINTS).

FACE OF RAIL AND POSTS SHALL BE VERTICAL TRANSVERSELY UNLESS OTHERWISE APPROVED BY THE ENGINEER. POSTS SHALL BE PERPENDICULAR TO ADJACENT ROADWAY GRADE. GROUT MAY BE USED UNDER BASE PLATES IF NECESSARY.

ALL W-BEAM, TUBING, POSTS, BOLTS, NUTS, WASHERS, ANCHORAGE PLATES AND BOTTOM PLATES ARE CONSIDERED AS PARTS OF THE RAIL FOR PAYMENT.

ALL STEEL COMPONENTS SHALL BE GALVANIZED UNLESS OTHERWISE SHOWN IN PLANS.

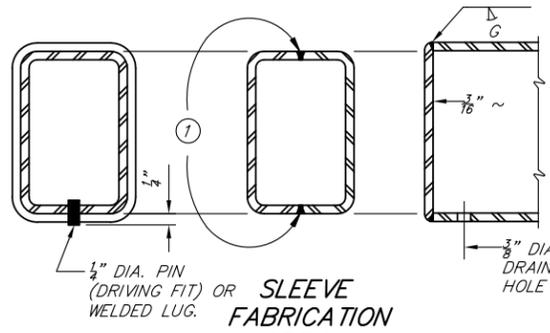
AT EXPANSION SLOTS IN W-BEAM RAIL, TIGHTEN BOLTS SNUGLY.

ANCHOR BOLTS SHALL BE 3/4" DIA. ASTM A325 BOLTS WITH ONE HEX NUT AND ONE 2" O.D. WASHER (0.153" MIN. THICK) PLUS ONE 1 1/2" O.D. HARDENED WASHER (0.122" MIN. THICK) AT EACH BOLT. NUTS SHALL CONFORM TO A563 REQUIREMENTS. THREADS FOR BOLTS AND NUTS SHALL HAVE CLASS 2A AND 2B FIT TOLERANCES IN ACCORDANCE WITH ANSI B1.1.

**TUBE & SLEEVE MEMBERS**

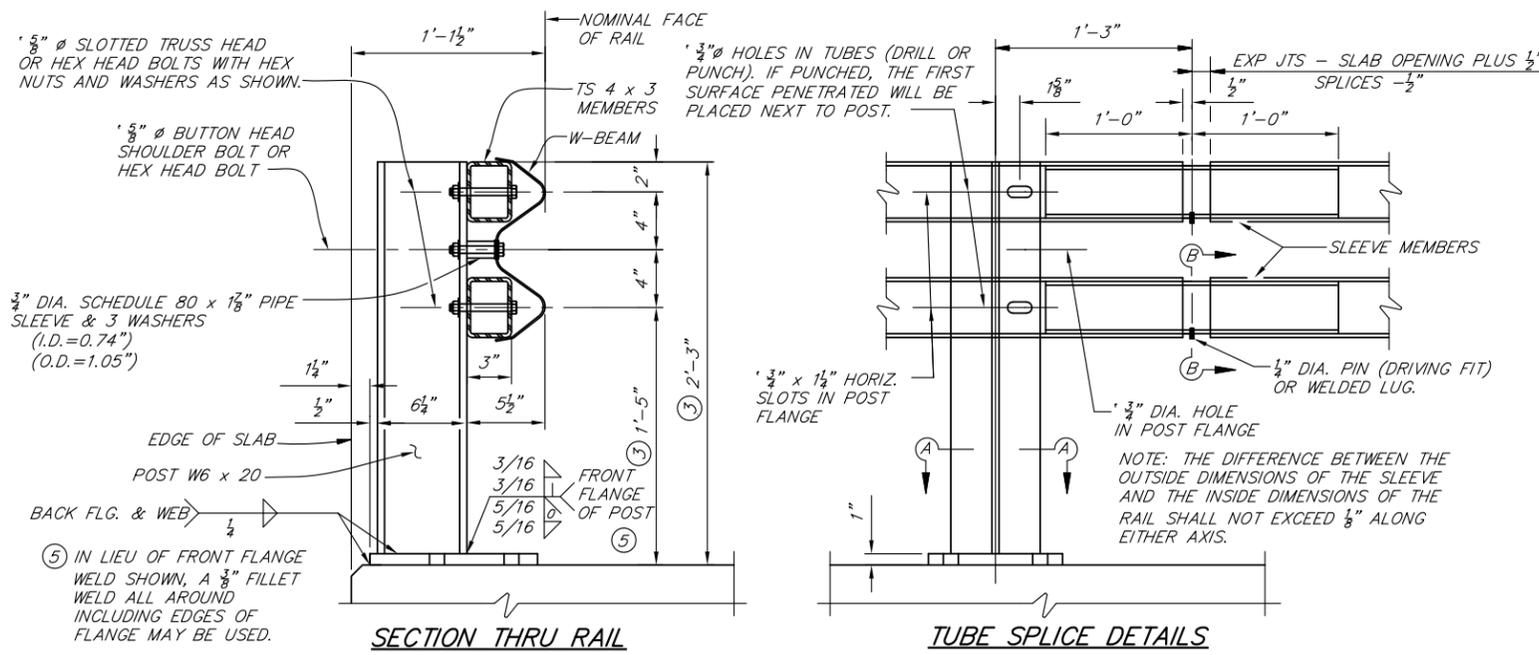
| RAIL MEMBER          | SLEEVE THICKNESS |
|----------------------|------------------|
| A 500 GR. C          | .188"            |
| A 500 GR. B          | .250"            |
| A 500 GR. A OR A 501 | .313"            |

NOTE: OTHER SECTIONS OF EQUAL OR GREATER STRENGTH ARE ACCEPTABLE FOR SLEEVES



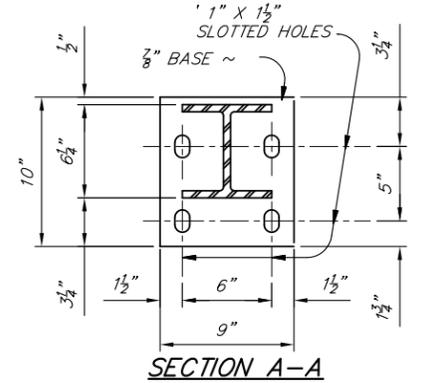
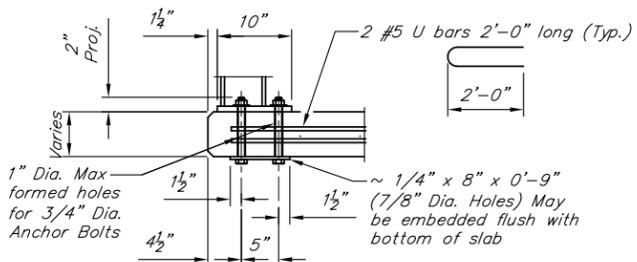
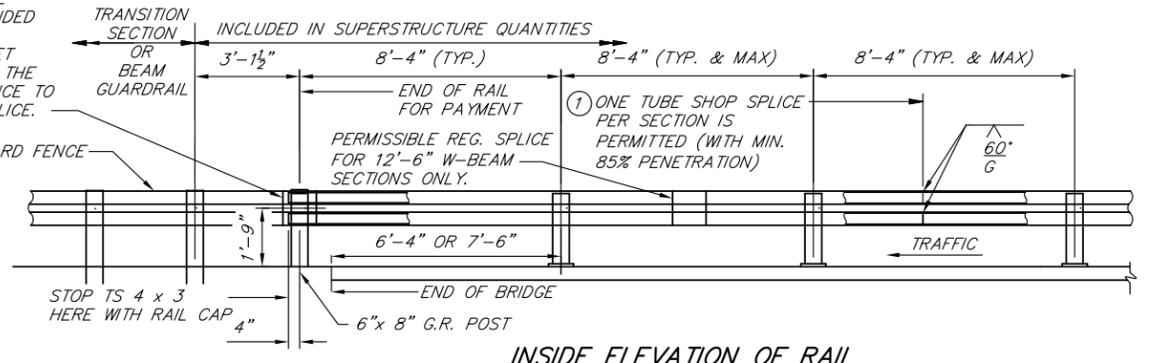
**SECTION B-B SLEEVE FABRICATION OPTION RAIL CAP**

NOTE: DO NOT PROVIDE A TUBE SPLICE IN FIRST SECTION



NOTE: METAL BEAM GUARD FENCE MUST BE ATTACHED TO THE BRIDGE RAIL AND EXTENDED ALONG THE EMBANKMENT UNLESS SHOWN OTHERWISE ON THE PLANS. SEE PLAN SHEET FOR DETAILS AND LENGTH FOR PAYMENT. THE SPLICE JOINING THE APPROACH GUARD FENCE TO THE BRIDGE RAIL SHALL BE A REGULAR SPLICE.

- ③ INCREASE 2" FOR STRUCTURES WITH OVERLAY.
- ① THE WELD MAY BE SQUARE GROOVE OR SINGLE VEE GROOVE. GRIND SMOOTH



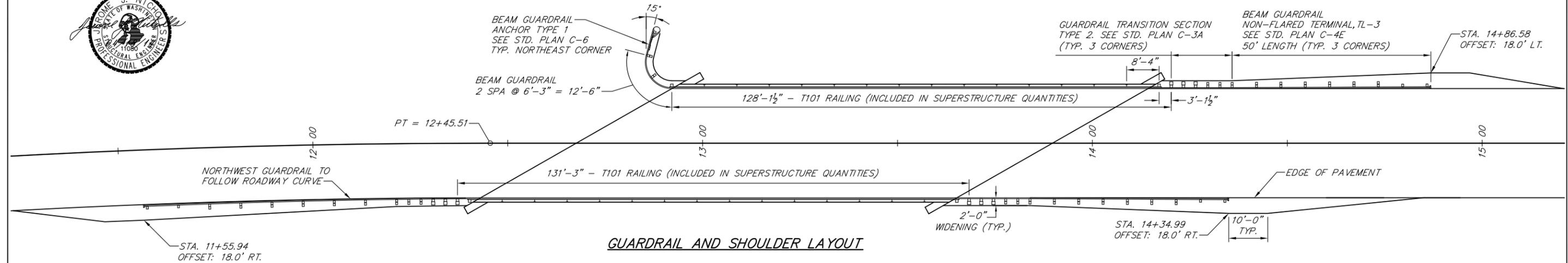
BEAM GUARDRAIL ANCHOR TYPE 1 SEE STD. PLAN C-6 TYP. NORTHEAST CORNER

BEAM GUARDRAIL 2 SPA @ 6'-3" = 12'-6"

GUARDRAIL TRANSITION SECTION TYPE 2. SEE STD. PLAN C-3A (TYP. 3 CORNERS)

BEAM GUARDRAIL NON-FLARED TERMINAL, TL-3 SEE STD. PLAN C-4E 50' LENGTH (TYP. 3 CORNERS)

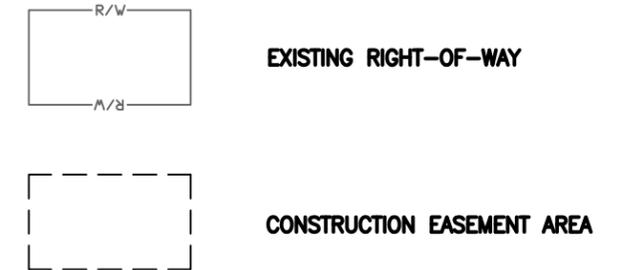
STA. 14+86.58 OFFSET: 18.0' LT.





| PARCEL INFORMATION |   |              |              |                 |              |               |
|--------------------|---|--------------|--------------|-----------------|--------------|---------------|
| PARCEL NO.         | PARCEL OWNER  | BEFORE AREA  | NEW R/W AREA | RETURN R/W AREA | AFTER AREA   | EASEMENT AREA |
| 1-001              | O'NEIL FAMILY PARTNERSHIP<br>KRIS MURRAY HENDERSON<br>JANET MANSON<br>JOHN MANSON | 147.00 ACRES | 0.00 ACRES   | 0.00 ACRES      | 147.00 ACRES | 1.48 ACRES    |

N.W. 1/4, SECTION 3, T. 13 N., R. 44 E., W.M.

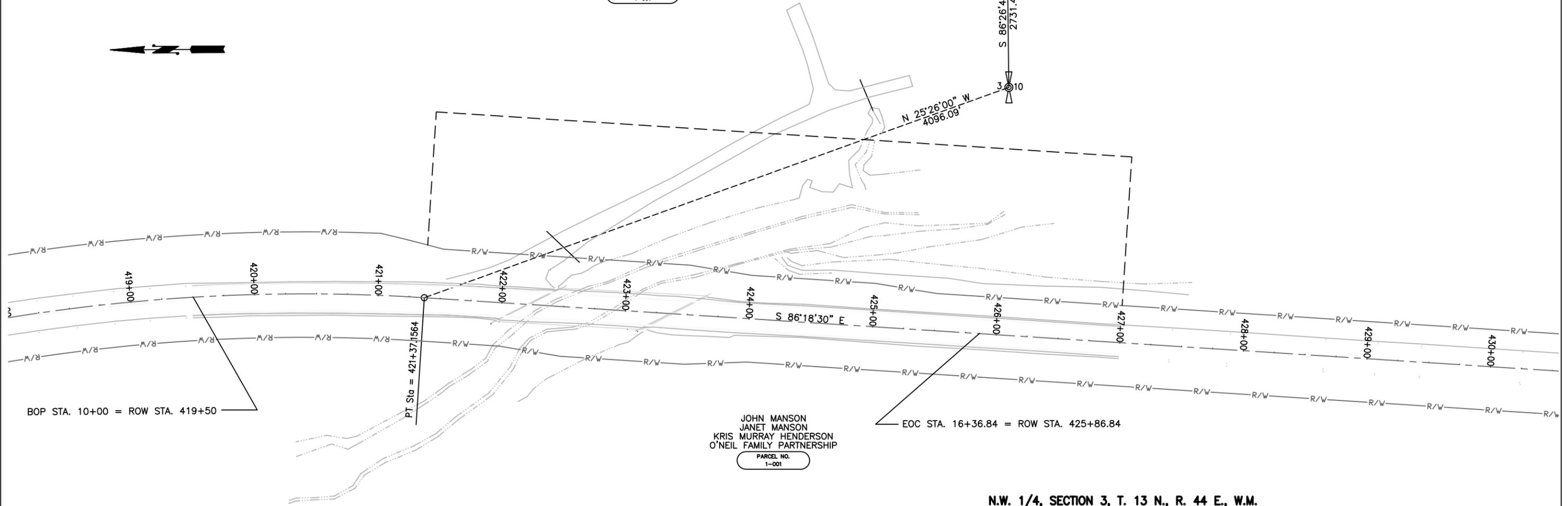


JOHN MANSON  
JANET MANSON  
KRIS MURRAY HENDERSON  
O'NEIL FAMILY PARTNERSHIP  
PARCEL NO.  
1-001



S 86°26'43" W  
2731.47'

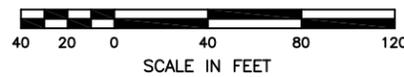
N 25°26'00" W  
4096.09'



JOHN MANSON  
JANET MANSON  
KRIS MURRAY HENDERSON  
O'NEIL FAMILY PARTNERSHIP  
PARCEL NO.  
1-001

N.W. 1/4, SECTION 3, T. 13 N., R. 44 E., W.M.

NOTES:  
EXISTING RIGHT-OF-WAY STATIONING AND OFFSETS REFERENCED FROM C.R.P. 9010-5  
DATED 4/14/1971 AND FILED IN THE WHITMAN COUNTY ENGINEERS OFFICE



BASIS OF BEARING IS GPS WGS84 WASHINGTON STATE PLANE SOUTH.  
SAID BEARING BEING S 86°26'43" W BETWEEN THE SE & E QUARTER  
CORNERS OF SECTION 3, T. 13 N., R. 44 E., W.M.  
SAID BEARING WAS ESTABLISHED WITH A "HERE POSITION" USING TRIMBLE GPS EQUIPMENT.

| CE OFFSET LEFT | R/W OFFSET LEFT | CENTERLINE STATION | R/W OFFSET RIGHT | CE OFFSET RIGHT |
|----------------|-----------------|--------------------|------------------|-----------------|
| --             | PI 50.00'       | POC 421+00.00      | PI 30.00'        | --              |
| PI 42.57'      | --              | PT 421+37.16       | PT 30.00'        | --              |
| PI 150.00'     | --              | PT 421+37.16       | PT 30.00'        | --              |
| POT 150.00'    | PI 40.00'       | POT 421+50.00      | POT 30.00'       | --              |
| POT 150.00'    | PI 40.00'       | POT 423+50.00      | PI 40.00'        | --              |
| POT 150.00'    | PI 35.00'       | POT 424+00.00      | PI 35.00'        | --              |
| POT 150.00'    | PI 35.00'       | POT 425+00.00      | POT 35.00'       | --              |
| POT 150.00'    | PI 30.00'       | POT 425+50.00      | POT 35.00'       | --              |
| PI 150.00'     | POT 30.00'      | POT 427+00.00      | POT 35.00'       | --              |
| PI 30.00'      | POT 30.00'      | POT 427+00.00      | POT 35.00'       | --              |
| --             | POT 30.00'      | POT 428+00.00      | POT 35.00'       | --              |

APPROVED:

EXPIRES 09-22-14