

## 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 CONSTRUCTION OF:**

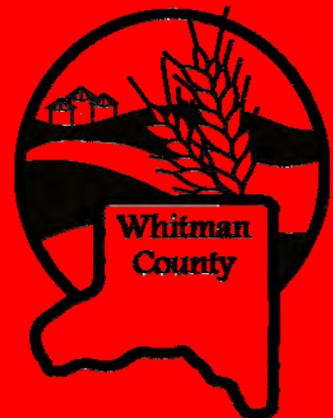
## **ALMOTA ROAD**

**C.R.P. No. 8000-10**

**FEDERAL AID No.: STPR-I382(006)  
CONTRACT No.: TA 6218**

**WHITMAN COUNTY  
DEPARTMENT OF  
PUBLIC WORKS**

**COLFAX, WASHINGTON**





WHITMAN COUNTY  
*Department of Public Works*

Mailing Address:  
P.O. Box 430  
Colfax, WA 99111-0430

Administration/Engineering  
Road Maintenance  
Equipment Rental & Revolving  
Solid Waste Division  
Planning Division  
Building & Development

PHONE: (509) 397-6206  
Fax: (509) 397-6210

N. 310 Main  
2nd Floor Public Service Bldg.  
Colfax, WA 99111

**ALMOTA ROAD  
C.R.P. No. 8000-10**

NOTICE TO ALL PLAN HOLDERS

Attached are the plans and specifications for the above referenced project. Questions may be addressed to the Whitman County Engineering Department at the Whitman County Engineer's Office, North 310 Main, Second Floor of the Public Service Building, Colfax, Washington.

PLAN FEE: \$40.00 (Non-Refundable)

APPROVED:

Date

1/12/23

Dean Cornelison  
County Engineer



Expires 8/16/23



**TABLE OF CONTENTS**  
ALMOTA ROAD  
C.R.P. No. 8000-10

<b>SPECIAL PROVISIONS</b>	<u>PAGE</u>
INTRODUCTION TO THE SPECIAL PROVISIONS	1
<b>DIVISION 1</b>	
<b>GENERAL REQUIREMENTS</b>	
<b>DESCRIPTION OF WORK</b>	
DESCRIPTION OF WORK	1
<b>DEFINITIONS AND TERMS</b>	
DEFINITIONS	2
<b>BID PROCEDURES AND CONDITIONS</b>	
PRE-BID SHOWING	4
QUALIFICATIONS OF BIDDER	4
PLANS AND SPECIFICATIONS	4
PROPOSAL FORMS	4
PREPARATION OF PROPOSAL	5
BID DEPOSIT	5
DELIVERY OF PROPOSAL	6
WITHDRAWING, REVISING, OR SUPPLEMENTING PROPOSAL	7
PUBLIC OPENING OF PROPOSALS	8
IRREGULAR PROPOSALS	8
DISQUALIFICATION OF BIDDERS	9
PRE AWARD INFORMATION	10
<b>AWARD AND EXECUTION OF CONTRACT</b>	
CONTRACT BOND	10
JUDICIAL REVIEW	11

<b>SCOPE OF THE WORK</b>	<u>PAGE</u>
COORDINATION OF CONTRACT DOCUMENTS, PLANS, SPECIAL PROVISIONS, SPECIFICATIONS, AND ADDENDA	12
CHANGES	12
<b>CONTROL OF WORK</b>	
CONFORMITY WITH AND DEVIATIONS FROM PLANS AND STAKES	12
REMOVAL OF DEFECTIVE AND UNAUTHORIZED WORK	16
FINAL INSPECTION	16
SUPERINTENDENTS, LABOR AND EQUIPMENT OF CONTRACTOR	18
METHOD OF SERVING NOTICES	18
WATER AND POWER	18
<b>CONTROL OF MATERIAL</b>	
BUY AMERICA	19
RECYCLED MATERIALS	21
<b>LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC</b>	
LAWS TO BE OBSERVED	22
STATE SALES TAX	22
ENVIRONMENTAL REGULATIONS	24
PERMITS AND LICENSES	25
LOAD LIMITS	26
WAGES	26
REQUIRED DOCUMENTS	26
REQUIREMENTS FOR NONDISCRIMINATION	26
FEDERAL AGENCY INSPECTION	51
UTILITIES AND SIMILAR FACILITIES	51
PUBLIC LIABILITY AND PROPERTY DAMAGE INSURANCE	52
RIGHTS OF WAY	55

<b>PROSECUTION AND PROGRESS</b>	<u>PAGE</u>
PRELIMINARY MATTERS	56
PRECONSTRUCTION CONFERENCE	57
HOURS OF WORK	57
SUBCONTRACTING	58
NOTICE TO PROCEED AND PROSECUTION OF THE WORK	59
TIME FOR COMPLETION	59
LIQUIDATED DAMAGES	60
<b>MEASUREMENT AND PAYMENT</b>	
SCALES	61
WEIGHING EQUIPMENT	62
PAYMENTS	62
TIME LIMITATION AND JURISDICTION	64
ARBITRATION GENERAL	65
VENUE FOR LITIGATION	65
<b>TEMPORARY TRAFFIC CONTROL</b>	
TRAFFIC CONTROL MANAGEMENT	65
MEASUREMENT	66
PAYMENT	67
<b>DIVISION 2 EARTHWORK</b>	
<b>CLEARING, GRUBBING, AND ROADSIDE CLEANUP</b>	
DESCRIPTION	67
<b>REMOVAL OF STRUCTURES AND OBSTRUCTIONS</b>	
CONSTRUCTION REQUIREMENTS	67
<b>ROADWAY EXCAVATION AND EMBANKMENT</b>	
CONSTRUCTION REQUIREMENTS	68

	<u>PAGE</u>
MEASUREMENT	69
PAYMENT	70
<b>STRUCTURE EXCAVATION</b>	
CONSTRUCTION REQUIREMENTS	70
MEASUREMENT	71
<b>DIVISION 4 BASES</b>	
<b>BALLAST AND CRUSHED SURFACING</b>	
MATERIALS	71
CONSTRUCTION REQUIREMENTS	72
MEASUREMENT	72
PAYMENT	72
<b>DIVISION 5 SURFACE TREATMENTS AND PAVEMENTS</b>	
<b>HOT MIX ASPHALT</b>	
HOT MIX ASPHALT	73
MATERIALS	100
CONSTRUCTION REQUIREMENTS	100
<b>DIVISION 6 STRUCTURES</b>	
<b>GEOSYNTHETIC RETAINING WALLS</b>	
DESCRIPTION	100
CONSTRUCTION REQUIREMENTS	101
PAYMENT	101
<b>DIVISION 7 DRAINAGE STRUCTURES, STORM SEWERS SANITARY SEWERS, WATER MAINS, AND CONDUITS</b>	

	<u>PAGE</u>
<b>CULVERTS</b>	
CONSTRUCTION REQUIREMENTS	101
PAYMENT	102
<b>STORM SEWERS</b>	
CONSTRUCTION REQUIREMENTS	102
<b>DIVISION 8 MISCELLANEOUS CONSTRUCTION</b>	
<b>ROADSIDE RESTORATION</b>	
CONSTRUCTION REQUIREMENTS	102
<b>GUIDE POSTS</b>	
MATERIALS	104
<b>GUARDRAIL</b>	
CONSTRUCTION REQUIREMENTS	104
MEASUREMENT	104
PAYMENT	105
<b>CHAIN LINK FENCE AND WIRE FENCE</b>	
MATERIALS	105
MEASUREMENT	105
PAYMENT	105
<b>STANDARD PLANS</b>	
STANDARD PLANS	106
<b>APPENDIX A</b>	
STANDARD PLAN DRAWINGS	
<b>APPENDIX B</b>	
CONSTRUCTION STORMWATER GENERAL PERMIT	
CONSTRUCTION STORMWATER GENERAL PERMIT TRANSFER OF COVERAGE	
HYDRAULIC PROJECT APPROVAL	

NATIONWIDE PERMIT No. 3  
TESC PLAN  
FHWA-1273  
TITLE VI-APPENDIX A  
TITLE VI-APPENDIX E

## **APPENDIX C**

FEDERAL WAGE RATES  
STATE WAGE RATES  
SUPPLEMENTAL TO WAGE RATES

## **APPENDIX D**

PROPOSAL  
PROPOSAL BOND

# SPECIAL PROVISIONS

## INTRODUCTION TO THE SPECIAL PROVISIONS

DECEMBER 10, 2020 (APWA GSP) INTRO

The work on this project shall be accomplished in accordance with the *Standard Specifications for Road, Bridge and Municipal Construction*, 2023 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 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

### DESCRIPTION OF WORK

MARCH 13, 1995 (WSDOT GSP) DESWORK1.FR1

This contract provides for the improvement of approximately 2.14 miles of Almota Road, County Road No. 8000, from milepost 5.82 to milepost 7.96 by grading, draining, surfacing, HMA paving, guardrail, pavement markings, traffic control and other work, all in accordance with the Contract Plans and Provisions and the Standard Specifications.

## DEFINITIONS AND TERMS

(APWA GSP) 1-01.GR1

### DEFINITIONS

JANUARY 19, 2022 (APWA GSP) 1-01.3

Delete the heading **Completion Dates** and the three paragraphs that follow it of Section 1-01.3, and replace them with the following:

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 Section 1-01.3 with the following:

All references in the Standard Specifications or WSDOT General Special Provisions, to the terms "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 the terms “State” or “state” shall be revised to read “Contracting Agency” unless the reference is to an administrative agency of the State of Washington, a State statute or regulation, or the context reasonably indicates otherwise.

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 Contracting Agency form(s) by which final payment is authorized, and final completion and acceptance granted.

**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 **Thursday, March 30, 2023**. All interested bidders are invited to meet at the County Engineer's Office, North 310 Main Street, 2nd Floor, Colfax, Washington at **9:00 a.m.** Pacific Daylight Savings 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

JULY 31, 2017 (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 UDBE/DBE/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**

DECEMBER 10, 2020 (APWA GSP) 1-02.6.OPTB

Supplement the second paragraph of Section 1-02.6 with the following:

4. If a minimum bid amount has been established for any item, the unit or lump sum price must equal or exceed the minimum amount stated.
5. Any correction to a bid made by interlineation, alteration, or erasure, shall be initialed by the signer of the bid.

Delete the last two paragraphs of Section 1-02.6 and replace them with the following:

The Bidder shall submit with their Bid a completed Contractor Certification Wage Law Compliance form, provided by the Contracting Agency. Failure to return this certification as part of the Bid Proposal package will make this Bid Nonresponsive and ineligible for Award. A Contractor Certification of Wage Law Compliance form is included in the Proposal Forms.

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

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

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

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

## **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**

JANUARY 19, 2022 (APWA GSP) 1-02.9.OPTA

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.

To be considered responsive on a FHWA-funded project, the Bidder may be required to submit the following items, as required by Section 1-02.6:

- DBE Utilization Certification (WSDOT 272-056)
- DBE Written Confirmation Document (WSDOT 422-031) from each DBE firm listed on the Bidder's completed DBE Utilization Certification
- Good Faith Effort (GFE) Documentation
- DBE Bid Item Breakdown (WSDOT 272-054)
- DBE Trucking Credit Form (WSDOT 272-058)

### **DBE Utilization Certification**

The DBE Utilization Certification shall be received at the same location and no later than the time required for delivery of the Proposal. The Contracting Agency will not open or consider any Proposal when the DBE Utilization Certification is received after the time specified for receipt of Proposals or received in a location other than that specified for receipt of Proposals. The DBE Utilization Certification may be submitted in the same envelope as the Bid deposit.

**DBE Written Confirmation and/or GFE Documentation**

The DBE Written Confirmation Documents and/or GFE Documents are not required to be submitted with the Proposal. The DBE Written Confirmation Document(s) and/or GFE (if any) shall be received either with the Bid Proposal or as a Supplement to the Bid. The documents shall be received no later than 48 hours (not including Saturdays, Sundays and Holidays) after the time for delivery of the Proposal. To be considered responsive, Bidders shall submit Written Confirmation Documentation from each DBE firm listed on the Bidder's completed DBE Utilization Certification and/or the GFE as required by Section 1-02.6.

**DBE Bid Item Breakdown and DBE Trucking Credit Form**

The DBE Bid Item Breakdown and the DBE Trucking Credit Forms (if applicable) shall be received either with the Bid Proposal or as a Supplement to the Bid. The documents shall be received no later than 48 hours (not including Saturdays, Sundays and Holidays) after the time for delivery of the Proposal. To be considered responsive, Bidders shall submit a completed DBE Bid Item Breakdown and a DBE Trucking Credit Form for each DBE Trucking firm listed on the DBE Utilization Certification, however, minor errors and corrections to DBE Bid Item Breakdown or DBE Trucking Credit Forms will be returned for correction for a period up to five calendar days (not including Saturdays, Sundays and Holidays) after the time for delivery of the Proposal. A DBE Bid Item Breakdown or DBE Trucking Credit Forms that are still incorrect after the correction period will be determined to be non-responsive.

Proposals that are received as required will be publicly opened and read as specified in Section 1-02.12. 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. The Contracting Agency will not open or consider any "Supplemental Information" (DBE confirmations, or GFE documentation) that is received after the time specified above, or received in a location other than that specified in the Call for Bids.

If an emergency or unanticipated event interrupts normal work processes of the Contracting Agency so that Proposals cannot be received at the office designated for receipt of bids as specified in Section 1-02.12 the time specified for receipt of the Proposal will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which the normal work processes of the Contracting Agency resume.

**WITHDRAWING, REVISING, OR SUPPLEMENTING PROPOSAL**

JULY 23, 2015 (APWA GSP) 1-02.10

Delete Section 1-02.10 and replace it with the following:

After submitting a physical Bid Proposal to the Contracting Agency, the Bidder may withdraw, revise, or supplement it if:

1. The Bidder submits a written request signed by an authorized person and physically delivers it to the place designated for receipt of Bid Proposals, and
2. The Contracting Agency receives the request before the time set for receipt of Bid Proposals, and

3. The revised or supplemented Bid Proposal (if any) is received by the Contracting Agency before the time set for receipt of Bid Proposals.

If the Bidder's request to withdraw, revise, or supplement its Bid Proposal is received before the time set for receipt of Bid Proposals, the Contracting Agency will return the unopened Proposal package to the Bidder. The Bidder must then submit the revised or supplemented package in its entirety. If the Bidder does not submit a revised or supplemented package, then its bid shall be considered withdrawn.

Late revised or supplemented Bid Proposals or late withdrawal requests will be date recorded by the Contracting Agency and returned unopened. Mailed, emailed, or faxed requests to withdraw, revise, or supplement a Bid Proposal are not acceptable.

## **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 **9:00 a.m. Pacific Daylight Savings Time, on Monday, April 10, 2023** at which time all bids will be opened and publicly read.

## **IRREGULAR PROPOSALS**

DECEMBER 30, 2022 (APWA GSP) 1-02.13

Delete Section 1-02.13 and replace it with the following:

Delete this section and replace it with the following:

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 (WSDOT Form 271-015), if applicable, as required in Section 1-02.6;

- h. The Bidder fails to submit or properly complete a Disadvantaged Business Enterprise Certification (WSDOT Form 272-056), if applicable, as required in Section 1-02.6;
  - i. The Bidder fails to submit Written Confirmations (WSDOT Form 422-031) from each DBE firm listed on the Bidder's completed DBE Utilization Certification that they are in agreement with the bidder's 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 Bidder fails to submit a DBE Bid Item Breakdown (WSDOT Form 272-054), if applicable, as required in Section 1-02.6, or if the documentation that is submitted fails to meet the requirements of the Special Provisions;
  - l. The Bidder fails to submit DBE Trucking Credit Forms (WSDOT Form 272-058), if applicable, as required in Section 1-02.6, or if the documentation that is submitted fails to meet the requirements of the Special Provisions;
  - m. The Bid Proposal does not constitute a definite and unqualified offer to meet the material terms of the Bid invitation; or
  - n. More than one Proposal is submitted for the same project from a Bidder under the same or different names.
2. A Proposal may be considered irregular and may be rejected if:
- a. The Proposal does not include a unit price for every Bid item;
  - b. Any of the unit prices are excessively unbalanced (either above or below the amount of a reasonable Bid) to the potential detriment of the Contracting Agency;
  - c. Receipt of Addenda is not acknowledged;
  - d. A member of a joint venture or partnership and the joint venture or partnership submit Proposals for the same project (in such an instance, both Bids may be rejected); or
  - e. If Proposal form entries are not made in ink.

## **DISQUALIFICATION OF BIDDERS**

MAY 17, 2018 (APWA GSP) 1-02.14.OPTA

Delete Section 1-02.14 and replace it with the following:

A Bidder will be deemed not responsible if the Bidder does not meet the mandatory bidder responsibility criteria in RCW 39.04.350(1), as amended.

The Contracting Agency will verify that the Bidder meets the mandatory bidder responsibility criteria in RCW 39.04.350(1). To assess bidder responsibility, the Contracting Agency reserves the right to request documentation as needed from the Bidder and third parties concerning the Bidder's compliance with the mandatory bidder responsibility criteria.

If the Contracting Agency determines the Bidder does not meet the mandatory bidder responsibility criteria in RCW 39.04.350(1) and is therefore not a responsible Bidder, the Contracting Agency shall notify the Bidder in writing, with the reasons for its determination. If the Bidder disagrees with this determination, it may appeal the determination within two (2) business days of the Contracting Agency's determination by presenting its appeal and any additional information to the Contracting Agency. The Contracting Agency will consider the appeal and any additional information before issuing its final determination. If the final determination affirms that the Bidder is not responsible, the Contracting Agency will not execute a contract with any other Bidder until at least two business days after the Bidder determined to be not responsible has received the Contracting Agency's final determination.

### **PRE AWARD INFORMATION**

DECEMBER 30, 2022 (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**

JULY 23, 2015 (APWA GSP) 1-03.4

Delete the first paragraph of Section 1-03.4 and replace it with the following:

The successful bidder shall provide executed payment and performance bond(s) for the full contract amount. The bond may be a combined payment and performance bond; or be separate payment and performance bonds. In the case of separate payment and performance bonds, each shall be for the full contract amount. The bond(s) shall:

1. Be on Contracting Agency-furnished form(s);
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. Guarantee that the Contractor will perform and comply with all obligations, duties, and conditions under the Contract, including but not limited to the duty and obligation to indemnify, defend, and protect the Contracting Agency against all losses and claims related directly or indirectly from any failure:
  - a. Of the Contractor (or any of the employees, subcontractors, or lower tier subcontractors of the Contractor) to faithfully perform and comply with all contract obligations, conditions, and duties, or
  - b. Of the Contractor (or the subcontractors or lower tier subcontractors of the Contractor) to pay all laborers, mechanics, subcontractors, lower tier subcontractors, material person, or any other person who provides supplies or provisions for carrying out the work;
4. Be conditioned upon the payment of taxes, increases, and penalties incurred on the project under titles 50, 51, and 82 RCW; and
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(s) must be signed by the president or vice president, unless accompanied by written proof of the authority of the individual signing the bond(s) to bind the corporation (i.e., corporate resolution, power of attorney, or a letter to such effect signed by the president or vice president).

## **JUDICIAL REVIEW**

DECEMBER 30, 2022 (APWA GSP) 1-03.7

Revise Section 1-03.7 to read:

All decisions made by the Contracting Agency regarding the Award and execution of the Contract or Bid rejection shall be conclusive subject to the scope of judicial review permitted under Washington Law. Such review, if any, shall be timely filed in the Superior Court of the county where the Contracting Agency headquarters is located, provided that where an action is asserted against a county, RCW 36.01.050 shall control venue and jurisdiction.

## **SCOPE OF THE WORK**

(WSDOT GSP) 1-04.GR1

### **COORDINATION OF CONTRACT DOCUMENTS, PLANS, SPECIAL PROVISIONS, SPECIFICATIONS, AND ADDENDA**

DECEMBER 30, 2022 (APWA GSP) 1-04.2

Revise the second paragraph of Section 1-04.2 to read:

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

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

### **CHANGES**

JANUARY 19, 2022 (APWA GSP) 1-04.4

The first two sentences of the last paragraph of Section 1-04.4 are deleted.

## **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 – Roadway**

SEPTEMBER 1, 2019 (WC 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 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 Contractor's 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. If Global Positioning Satellite (GPS) Machine Controls are used to provide clearing limits control, then stake placement may be reduced to at all angle points and at intermediate points not more than 100 feet apart.
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 stake placement may be reduced to centerline increments not more than 100 feet apart.
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 reduced to the following intervals. Subgrade and surfacing stakes shall be set at horizontal intervals not greater than 100 feet in tangent sections, 50 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.

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. The Contractor shall collect additional topographic survey data as needed in order to match into existing roadways such that the transition from the new pavement to the existing pavement is smooth and that the pavement and ditches drain properly. If changes to the profiles or roadway sections shown in the contract plans are needed to achieve proper smoothness and drainage where matching into existing features, 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 0.04 feet below grade	±0.01 feet	±0.5 feet (parallel to alignment) ±0.1 feet (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 (parallel to alignment) ±0.1 feet (normal to alignment)
Roadway paving pins for surfacing or paving	±0.01 feet	±0.2 feet (parallel to alignment) ±0.1 feet (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.

JULY 23, 2015 (APWA GSP) 1-05.4.OPT1

Supplement Section 1-05.4 with the following:

**Roadway and Utility Surveys**

The Engineer shall furnish to the Contractor one time only all principal lines, grades, and measurements the Engineer deems necessary for completion of the work. These shall generally consist of one initial set of:

1. Slope stakes for establishing grading;

2. Curb grade stakes;
3. Centerline finish grade stakes for pavement sections wider than 25 feet; and
4. Offset points to establish line and grade for underground utilities such as water, sewers, and storm drains.

On alley construction projects with minor grade changes, the Engineer shall provide only offset hubs on one side of the alley to establish the alignment and grade.

## **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 warranties 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**

DECEMBER 30, 2022 (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.

## **CONTROL OF MATERIAL**

(WSDOT GSP) 1-06.GR1

### **BUY AMERICA**

(WSDOT GSP) 1-06.INST1.GR1

Section 1-06 is supplemented with the following:

#### **Build America/Buy America**

(WSDOT GSP) 1-06.OPT2.GR1

OCTOBER 5, 2022 (WSDOT GSP) 1-06.OPT2(A).GR1

#### **General Requirements**

In accordance with Division G, Title IX - Build America, Buy America Act (BABA), of Public Law 117-58 (Infrastructure Investment and Jobs Act), the following materials must be American-made:

1. All steel and iron used in the project are produced in the United States. This means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States.
2. All manufactured products used in the project are produced in the United States. This means the manufactured product was manufactured in the United States, and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation.
3. All construction materials are manufactured in the United States. This means that all manufacturing processes for the construction material occurred in the United States.

An article, material, or supply will be classified in one of three categories: 1) Steel and Iron, 2) Manufactured Product or 3) Construction Material. Only a single category will apply to an item and be subject to the requirements of the BABA requirements of that category. Some contract items are composed of multiple parts that may fall into different categories. Individual components will be categorized as a construction material, manufactured product, or steel and iron based on their composition when they arrive at the staging area or work site.

#### **Definitions**

1. Construction material: Defined as any article, material, or supply brought to the construction site for incorporation into the final product. Construction materials include an article, material, or supply that is or consists primarily of:
  - a. Non-ferrous metals;
  - b. Plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables);
  - c. Glass (including optic glass);
  - d. Lumber; or

e. Drywall.

Construction Materials do not include items of primarily iron or steel; manufactured products; cement and cementitious materials; aggregates such as stone, sand, or gravel; or aggregate binding agents or additives.

2. **Manufactured Product:** A Manufactured product includes any item produced as a result of the manufacturing process. Items that consist of two or more of the listed construction materials that have been combined together through a manufacturing process, and items that include at least one of the listed materials combined with a material that is not listed through a manufacturing process, should be treated as manufactured products, rather than as construction materials.
3. **Manufactured in the United States:** A construction material will be considered as manufactured in the United States if all manufacturing processes have occurred in the United States.
4. **Structural Steel:** Defined as all structural steel products included in the project.
5. **United States:** To further define the coverage, a domestic product is a manufactured steel construction 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.

### **Steel and Iron Requirements**

Major quantities of steel and iron construction materials that are permanently incorporated into the project shall consist of American-made materials only. BABA requirements do not apply to temporary steel or iron 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.

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 BABA requirements. Additionally, products manufactured domestically from foreign source steel billets or iron ingots do not conform to the BABA 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, BABA requirements do not apply to raw materials (iron ore and alloys), scrap (recycled steel or iron), and pig iron ore 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 WSDOT Form 350-109 provided by the Engineer, or such other form the Contractor chooses, provided it contains the same information as WSDOT Form 350-109.

### **Manufactured Products**

Due to a nationwide waiver, BABA requirements do not apply to manufactured products.

### **Construction Material Requirements**

A Contractor provided certification of materials origin will be required before each progress estimate or payment. The Contractor will not receive payment until the certification is received by the Engineer. The Contractor shall certify that all construction materials installed during the current progress estimate period meets the Build America, Buy America Act. The certification shall be on WSDOT Form 350-110 provided by the Engineer, or such other form the Contractor chooses, provided it contains the same information as WSDOT Form 350-110.

## **RECYCLED MATERIALS**

JANUARY 4, 2016 (APWA GSP) 1-06.6

Delete Section 1-06.6, including its subsections, and replace it with the following:

The Contractor shall make their best effort to utilize recycled materials in the construction of the project. Approval of such material use shall be as detailed elsewhere in the Standard Specifications.

Prior to Physical Completion, the Contractor shall report the quantity of recycled materials that were utilized in the construction of the project for each of the items listed in Section 9-03.21. The report shall include hot mix asphalt, recycled concrete aggregate, recycled glass, steel furnace slag and other recycled materials (e.g. utilization of on-site material and aggregates from concrete returned to the supplier). The Contractor's report shall be provided on DOT form 350-075 Recycled Materials Reporting.

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

(WSDOT GSP) 1-07.GR1

### **LAWS TO BE OBSERVED**

(WSDOT GSP) 1-07.1.GR1

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**

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.OPT1.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:

APRIL 1, 2019 (WSDOT GSP) 1-07.5.OPT1(C).FR1

No Contractor staging areas are allowed within 50 feet of any waters of the State including wetlands and wetland buffers.

### **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.

### **State Department of Fish And Wildlife**

(WSDOT GSP) 1-07.5(2).GR1

(WSDOT GSP) 1-07.5(2).INST1.GR1

Section 1-07.5(2) is supplemented with the following:

APRIL 2, 2018 (WSDOT GSP) 1-07.5(2).OPT1.GR1

The following Provisions summarize the requirements, in addition to those required elsewhere in the Contract, imposed upon the Contracting Agency by the Washington State Department of Fish and Wildlife. Throughout the work, the Contractor shall comply with the following requirements:

APRIL 2, 2018 (WSDOT GSP) 1-07.5(2).OPT1(A).FR1

The Contractor may begin Work below the Ordinary High Water Line on June 15, 2023 and must complete all the Work by November 30, 2023.

### **Payment**

APRIL 2, 2018 (WSDOT GSP) 1-07.5(2).OPT2.GR1

All costs to comply with this special provision 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.

### **U.S. Army Corps of Engineers**

(WSDOT GSP) 1-07.5(5).GR1

(WSDOT GSP) 1-07.5(5).INST1.GR1

Section 1-07.5(5) is supplemented with the following:

APRIL 2, 2018 (WSDOT GSP) 1-07.5(5).OPT1.GR1

The following Provisions summarize the requirements, in addition to those required elsewhere in the Contract, imposed upon the Contracting Agency by the U.S. Army Corps of Engineers. Throughout the work, the Contractor shall comply with the following requirements:

FEBRUARY 25, 2013 (WSDOT GSP) 1-07.5(5).OPT1(C).GR1

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(5).OPT1(D).GR1

Heavy equipment working in wetlands or mudflats must be placed on mats or other measures taken to minimize soil disturbance as approved by the Engineer.

### Payment

APRIL 2, 2018 (WSDOT GSP) 1-07.5(5).OPT2.GR1

All costs to comply with this special provision 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:

JANUARY 2, 2018 (WSDOT GSP) 1-07.6.OPT1.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. Copies of these permits, including a copy of the Transfer of Coverage form, when applicable, are required to be onsite at all times.

Contact with the permitting agencies, concerning the below-listed permit(s), shall be made through the Engineer with the exception of when the Construction Stormwater General Permit coverage is transferred to the Contractor, direct communication with the Department of Ecology is allowed. The Contractor shall be responsible for obtaining Ecology's approval for any Work requiring additional approvals (e.g. Request for Chemical Treatment Form). 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.

NAME OF DOCUMENT	PERMITTING AGENCY	PERMIT REFERENCE NO.	ISSUED	EXPIRES
Nationwide Permit 3 Terms and Conditions	US Army Corps of Engineers Seattle District	NWP No. 3	02/25/2022	03/14/2026
NPDES Construction Stormwater General Permit	Department of Ecology	WAR312119	03/13/2023	12/31/2025
Hydraulic Project Approval	Department of Fish & Wildlife	2023-1-24+01	03/09/2023	11/30/2023

## **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 9, 2023 (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. WA20230001.

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

## **REQUIRED DOCUMENTS**

DECEMBER 30, 2022 (APWA GSP) 1-07.9(5)

Section 1-07.9(5)A is revised to read as follows:

All Statements of Intent to Pay Prevailing Wages, Affidavits of Wages Paid and Certified Payrolls, including a signed Statement of Compliance for Federal-aid projects, shall be submitted to the Engineer and to the State L&I online Prevailing Wage Intent & Affidavit (PWIA) system.

## **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:

OCTOBER 3, 2022 (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	
WA Adams; WA Asotin; WA Columbia; WA Ferry; WA Garfield; WA Lincoln, WA Pend Oreille; WA Stevens; WA Whitman.	3.0
Richland, WA	
SMSA Counties:	
Richland Kennewick, WA	5.4
WA Benton; WA Franklin.	
Non-SMSA Counties	
WA Walla Walla.	3.6
Yakima, WA:	
SMSA Counties:	
Yakima, WA	9.7
WA Yakima.	
Non-SMSA Counties	
WA Chelan; WA Douglas; WA Grant; WA Kittitas; WA Okanogan.	7.2
Seattle, WA:	
SMSA Counties:	
Seattle Everett, WA	7.2
WA King; WA Snohomish.	
Tacoma, WA	6.2
WA Pierce.	
Non-SMSA Counties	
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.	6.1
Portland, OR:	
SMSA Counties:	
Portland, OR-WA	4.5
WA Clark.	
Non-SMSA Counties	
WA Cowlitz; WA Klickitat; WA Skamania; WA Wahkiakum.	3.8

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

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 therefor, 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>

NOVEMBER 2, 2022 (WSDOT GSP) 1-07.11.OPT4.FR1

## **Special Training Provisions**

### **General Requirements**

The Contractor's equal employment opportunity, affirmative action program shall include the requirements set forth below. The Contractor shall provide on-the-job training aimed at developing trainees to journey-level status in the trades involved. The number of training hours shall be 400. Trainees shall not be assigned less than 400 hours per individual per Contract. The Contractor may elect to accomplish training as part of the work of a subcontractor, however, the Prime Contractor shall retain the responsibility for complying with these Special Provisions (achieving the training goal). When the Contractor's training plan includes trainees for subcontractors or lower-tier subcontractors, this special provision shall be included in the subcontract.

### **Trainee Approval**

The Contractor shall make every effort to employ/enroll minority and women trainees to the extent such persons are available within a reasonable recruitment area. This training provision is not intended and shall not be used to discriminate against any applicant for training, whether that person is a minority, woman or otherwise. A non-minority male trainee or apprentice may be approved provided the following requirements are met:

1. The Contractor is otherwise in compliance with the contract's Equal Employment Opportunity (EEO) and On-the-Job Training (OJT) requirements and provides documentation of the efforts taken to fill the specific training position with either minorities or females

2. or, if not otherwise in compliance, furnishes evidence of his/her systematic and direct recruitment efforts in regard to the position in question and in promoting the enrollment and/or employment of minorities and females in the craft which the proposed trainee is to be trained
3. and the Contractor has made a good faith effort towards recruiting of minorities and women. As a minimum good faith efforts shall consist of the following:
  - a. Distribution of written notices of available employment opportunities with the Contractor and enrollment opportunities with its unions. Distribution should include but not be limited to; minority and female recruitment sources, WSDOT's OJT Support Services Coordinator, and minority and female community organizations.
  - b. Records documenting the Contractor's efforts and the outcome of those efforts, to employ minority and female applicants and/or refer them to unions.
  - c. Records reflecting the Contractor's efforts in participating in developing minority and female on-the-job training opportunities, including upgrading programs and apprenticeship opportunities.
  - d. Distribution of written notices to unions and training programs disseminating the Contractor's EEO policy and requesting cooperation in achieving EEO and OJT obligations (and their written responses). For assistance in locating trainee candidates, the Contractor may call WSDOT's OJT Support Services Coordinator at (360) 705-7090 or email [ojtssinfo@wsdot.wa.gov](mailto:ojtssinfo@wsdot.wa.gov).

No employee shall be employed as a trainee in any classification in which the employee has successfully completed a training course leading to journey-level worker status or in which the employee has been employed as a journey-level worker. The Contractor's records shall document the methods for determining the trainee's status and findings in each case. When feasible, 25 percent of apprentices or trainees in each occupation shall be in their first year of apprenticeship or training.

For the purpose of this specification, acceptable training programs are those employing trainees/apprentices registered with the following:

1. Washington State Department of Labor & Industries — State Apprenticeship Training Council (SATC) approved apprenticeship agreement:
  - a. Pursuant to RCW 49.04.060, an apprenticeship agreement shall be;
    - i. an individual written agreement between an employer and apprentice
    - ii. a written agreement between (an employer or an association of employers) and an organization of employees describing conditions of employment for apprentices
    - iii. a written statement describing conditions of employment for apprentices in a plant where there is no bona fide employee organization.

All such agreements shall conform to the basic standards and other provisions of RCW Chapter 49.04.

2. Apprentices must be registered with U.S. Department of Labor — Apprenticeship Training, Employer, and Labor Services (ATELS) approved program.

Or

3. Non-ATELS/SATC programs that have been submitted to the Contracting Agency for approval by the FHWA for the specific project.

### **Obligation to Provide Information**

Upon starting a new trainee, the Contractor shall furnish the trainee a copy of the approved program the Contractor will follow in providing the training. Upon completion of the training, the Contractor shall provide the Contracting Agency with a certification showing the type and length of training satisfactorily completed by each trainee.

### **Training Program Approval**

The Training Program shall meet the following requirements:

1. The Training Program (DOT Form 272-049) must be submitted to the Engineer for approval **prior to commencing contract work** and shall be resubmitted when modifications to the program occur.
2. The minimum length and type of training for each classification will be as established in the training program as approved by the Contracting Agency.
3. The Training Program shall contain the trades proposed for training, the number of trainees, the hours assigned to the trade and the estimated beginning work date for each trainee.
4. Unless otherwise specified, Training Programs will be approved if the proposed number of training hours equals the training hours required by contract and the trainees are not assigned less than 400 hours each.
5. After approval of the training program, information concerning each individual trainee and good faith effort documentation shall be submitted (on DOT Form 272-050).
6. Flagging programs will not be approved. Other programs that include flagging training will only be approved if the flagging portion is limited to an orientation of not more than 20 hours.
7. It is the intention of these provisions that training is to be provided in the construction crafts rather than clerk-typists or secretarial-type positions. Training is permissible in lower-level management positions such as office engineers, estimators, timekeepers, etc., where the training is oriented toward construction applications. Some off-site training is permissible as long as the training is an integral part of an approved training program.
8. It is normally expected that a trainee will begin training on the project as soon as feasible after start of work, utilizing the skill involved and remain on the project as long as training opportunities exist in the work classification or the trainee reaches journey-level status. It is not required that all trainees be on board for the entire

length of the contract. The number trained shall be determined on the basis of the total number enrolled on the contract for a significant period.

9. Wage Progressions: Trainees will be paid at least the applicable ratios or wage progressions shown in the apprenticeship standards published by the Washington State Department of Labor and Industries. In the event that no training program has been established by the Department of Labor and Industries, the trainee shall be paid in accordance with the provisions of RCW 39.12.021, which reads as follows:

Apprentice workers employed upon public works projects for whom an apprenticeship agreement has been registered and approved with the State Apprenticeship Council pursuant to RCW 49.04, must be paid at least the prevailing hourly rate for an apprentice of that trade. Any worker for whom an apprenticeship agreement has not been registered and approved by the State Apprenticeship Council shall be considered to be a fully qualified journey-level worker, and, therefore, shall be paid at the prevailing hourly rate for journey-level worker.

### **Compliance**

In the event that the Contractor is unable to accomplish the required training hours but can demonstrate a good faith effort to meet the requirements as specified, then the Contracting Agency will adjust the training goals accordingly.

### **Noncompliance and Sanctions**

When a contractor violates EEO provisions of the contract, the Contracting Agency may impose damages in accordance with WSDOT's Equal Opportunity Compliance Program and the FHWA 1273. These damages consist of additional administrative costs including, but not limited to, the inspection, supervision, engineering, compliance, and legal staff time and expenses necessary for investigating, reporting, and correcting violations, as well as loss of federal funding, if any. Damages attributable to a contractor's violations of the EEO provisions may be deducted from progress payments due the Contractor. Before any money is withheld, the Contractor will be provided with a notice of the basis of the violations, the amount to be withheld and provided an opportunity to respond. The monetary value of the sanction will be calculated on a case-by-case basis and based on the damages incurred by the Contracting Agency.

The Contracting Agency's decision to recover damages for an EEO violation does not limit its ability to suspend or revoke the contractor's pre-qualification status or seek other remedies as allowed by federal or state law. In appropriate circumstances, the Contracting Agency may also refer the Contractor to other state or federal authorities for additional sanctions.

### **Requirements for Non ATELS/SATC Approved Training Programs**

Contractors who are not affiliated with a program approved by ATELS or SATC may have their training program approved (by FHWA) provided that the program is submitted for approval on DOT Form 272-049, and the following standards are addressed and incorporated in the Contractor's program:

1. The program establishes minimum qualifications for persons entering the training program.
2. The program shall outline the work processes in which the trainee will receive

supervised work experience and training on-the-job and the allocation of the approximate time to be spent in each major process. The program shall include the method for recording and reporting the training completed shall be stated.

3. The program shall include a numeric ratio of trainees to journey-level worker consistent with proper supervision, training, safety, and continuity of employment. The ratio language shall be specific and clear as to application in terms of job site and workforce during normal operations (normally considered to fall between 1:10 and 1:4).
4. The terms of training shall be stated in hours. The number of hours required for completion to journey-level worker status shall be comparable to the apprenticeship hours established for that craft by the SATC. The following are examples of programs that are currently approved:

CRAFT	HOURS
Laborer	4,000
Ironworker	6,000
Carpenter	5,200-8,000
Construction Electrician	8,000
Operating Engineer	6,000-8,000
Cement Mason	5,400
Teamster	2,100

5. The method to be used for recording and reporting the training completed shall be stated.

### **Measurement**

The Contractor may request that the total number of "training" hours for the contract be increased subject to approval by the Contracting Agency. This reimbursement will be made even though the Contractor receives additional training program funds from other sources, provided such other sources do not prohibit other reimbursement. Reimbursement to the Contractor for off-site training as indicated previously may only be made when the Contractor does one or more of the following and the trainees are concurrently employed on a Federal-aid project:

1. contributes to the cost of the training,
2. provides the instruction to the trainee,
3. pays the trainee's wages during the off- site training period.

Reimbursement will be made upon receipt of a certified invoice that shows the related payroll number, the name of trainee, total hours trained under the program, previously paid hours under the contract, hours due this estimate, and dollar amount due this estimate. The certified invoice shall show a statement indicating the Contractor's effort to enroll minorities and women when a new enrollment occurs. If a trainee is participating in a SATC/ATELS approved apprenticeship program, a copy of the certificate showing apprenticeship registration must accompany the first invoice on which the individual appears. Reimbursement for training occurring prior to approval of the training program will be allowed if the Contractor verbally notifies the Engineer of this occurrence at the time the

apprentice/trainee commences work. A trainee/apprentice, regardless of craft, must have worked on the contract for at least 20 hours to be eligible for reimbursement.

Training hours that are not in compliance with the approved training plan will not be measured.

### **Payment**

The Contractor will be reimbursed under the item "Training" per hour for each hour of approved training provided under the Contract.

OCTOBER 1, 2020 (APWA GSP) 1-07.11.OPTB

### **Disadvantaged Business Enterprise Participation**

The Disadvantaged Business Enterprise (DBE) requirements of 49 CFR Part 26 and USDOT's official interpretations (i.e., Questions & Answers) apply to this Contract. Demonstrating compliance with these Specifications is a Condition of Award (COA) of this Contract. Failure to comply with the requirements of this Specification may result in your Bid being found to be nonresponsive resulting in rejection or other sanctions as provided by Contract.

### **DBE Abbreviations and Definitions**

**Broker** – A business firm that provides a bona fide service, such as professional, technical, consultant or managerial services and assistance in the procurement of essential personnel, facilities, equipment, materials, or supplies required for the performance of the Contract; or, persons/companies who arrange or expedite transactions.

**Certified Business Description** – Specific descriptions of work the DBE is certified to perform, as identified in the Certified Firm Directory, under the Vendor Information page.

**Certified Firm Directory** – A database of all Minority, Women, and Disadvantaged Business Enterprises currently certified by Washington State. The on-line Directory is available to Bidders for their use in identifying and soliciting interest from DBE firms. The database is located under the Firm Certification section of the Diversity Management and Compliance System web page at: <https://omwbe.diversitycompliance.com>.

**Commercially Useful Function (CUF)** – 49 CFR 26.55(c)(1) defines commercially useful function as: *"A DBE performs a commercially useful function when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the DBE must also be responsible, with respect to materials and supplies used on the contract, for negotiating price, determining quality and quantity, ordering the material, and installing (where applicable) and paying for the material itself. To determine whether a DBE is performing a commercially useful function, you must evaluate the amount of work subcontracted, industry practices, whether the amount the firm is to be paid under the contract is commensurate with the work it is actually performing and the DBE credit claimed for its performance of the work, and other relevant factors."*

**Disadvantaged Business Enterprise (DBE)** – A business firm certified by the Washington State Office of Minority and Women's Business Enterprises, as meeting the criteria outlined in 49 CFR 26 regarding DBE certification.

**Force Account Work** – Work measured and paid in accordance with Section 1-09.6.

**Good Faith Efforts** – Efforts to achieve the DBE COA Goal or other requirements of this part which, by their scope, intensity, and appropriateness to the objective, can reasonably be expected to fulfill the program requirement.

**Manufacturer (DBE)** – A DBE 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 DBE Manufacturer shall produce finished goods or products from raw or unfinished material or purchase and substantially alters goods and materials to make them suitable for construction use before reselling them.

**Reasonable Fee (DBE)** – For purposes of Brokers or service providers a reasonable fee shall not exceed 5% of the total cost of the goods or services brokered.

**Regular Dealer (DBE)** – A DBE firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials or supplies required for the performance of a Contract are bought, kept in stock, and regularly sold to the public in the usual course of business. To be a Regular Dealer, the DBE firm must be an established regular business that engages in as its principal business and in its own name the purchase and sale of the products in question. A Regular Dealer in such items as steel, cement, gravel, stone, and petroleum products need not own, operate or maintain a place of business if it both owns and operates distribution equipment for the products. Any supplementing of regular dealers' own distribution equipment shall be by long-term formal lease agreements and not on an ad-hoc basis. Brokers, packagers, manufacturers' representatives, or other persons who arrange or expedite transactions shall not be regarded as Regular Dealers within the meaning of this definition.

**DBE Commitment** – The scope of work and dollar amount the Bidder indicates they will be subcontracting to be applied towards the DBE Condition of Award Goal as shown on the DBE Utilization Certification Form for each DBE Subcontractor. This DBE Commitment amount will be incorporated into the Contract and shall be considered a Contract requirement. The Contractor shall utilize the COA DBEs to perform the work and supply the materials for which they are committed. Any changes to the DBE Commitment require the Engineer's prior written approval.

**DBE Condition of Award (COA) Goal** – An assigned numerical amount specified as a percentage of the Contract. Initially, this is the minimum amount that the Bidder must commit to by submission of the Utilization Certification Form and/or by Good Faith Effort (GFE).

#### **DBE COA Goal**

The Contracting Agency has established a DBE COA Goal for this Contract in the amount of 11% (Eleven Percent).

#### **Crediting DBE Participation**

Subcontractors proposed as COA must be certified prior to the due date for bids on the Contract. All non-COA DBE Subcontractors shall be certified before the subcontract on which they are participating is executed.

DBE participation is only credited upon payment to the DBE.

The following are some definitions of what may be counted as DBE participation.

**DBE Prime Contractor**

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 and is certified to perform.

**DBE Subcontractor**

Only take credit for that portion of the total dollar value of the subcontract that is equal to the distinct, clearly defined portion of the Work that the DBE performs with its own forces and is certified to perform. The value of work performed by the DBE includes the cost of supplies and materials purchased by the DBE and equipment leased by the DBE, for its work on the contract. Supplies, materials or equipment obtained by a DBE that are not utilized or incorporated in the contract work by the DBE will not be eligible for DBE credit.

The supplies, materials, and equipment purchased or leased from the Contractor or its affiliate, including any Contractor's resources available to DBE subcontractors at no cost, shall not be credited.

DBE credit will not be given in instances where the equipment lease includes the operator. The DBE is expected to operate the equipment used in the performance of its work under the contract with its own forces. Situations where equipment is leased and used by the DBE, but payment is deducted from the Contractor's payment to the DBE is not allowed.

When the subcontractor is part of a DBE Commitment, the following apply:

1. If a DBE subcontracts a portion of the Work of its contract to another firm, the value of the subcontracted Work may be counted toward the DBE COA Goal only if the Lower-Tier Subcontractor is also a DBE.
2. Work subcontracted to a Lower-Tier Subcontractor that is a DBE, may be counted toward the DBE COA Goal.
3. Work subcontracted to a non-DBE does not count towards the DBE COA Goal.

**DBE Subcontract and Lower Tier Subcontract Documents**

There must be a subcontract agreement that complies with 49 CFR Part 26 and fully describes the distinct elements of Work committed to be performed by the DBE.

**DBE Service Provider**

The value of fees or commissions charged by a DBE firm behaving in a manner of a Broker, or another service provider for providing a bona fide service, such as professional, technical, consultant, managerial services, or for providing bonds or insurance specifically required for the performance of the contract will only be credited as DBE participation, if the fee/commission is determined by the Contracting Agency to be reasonable and the firm has performed a CUF.

**Force Account Work**

When the Bidder elects to utilize force account Work to meet the DBE COA Goal, as demonstrated by listing this force account Work on the DBE Utilization Certification Form, for the purposes of meeting the DBE COA Goal, only 50% of the Proposal amount shall be credited toward the Bidder's Commitment to meet the DBE COA Goal.

One hundred percent of the actual amounts paid to the DBE for the force account Work shall be credited towards the DBE COA Goal or DBE participation.

### **Temporary Traffic Control**

If the DBE firm only provides "Flagging", the DBE firm must provide a Traffic Control Supervisor (TCS) and flagger, which are under the direct control of the DBE. The DBE firm shall also provide all flagging equipment for its employees (e.g. paddles, hard hats, and vests).

If the DBE firm provides "Traffic Control Services", the DBE firm must provide a TCS, flaggers, and traffic control items (e.g., cones, barrels, signs, etc.) and be in total control of all items in implementing the traffic control for the project.

### **Trucking**

DBE trucking firm participation may only be credited as DBE participation for the value of the hauling services, not for the materials being hauled unless the trucking firm is also certified as a supplier of those materials. In situations where the DBE's work is priced per ton, the value of the hauling service must be calculated separately from the value of the materials in order to determine DBE credit for hauling

The DBE trucking firm must own and operate at least one licensed, insured and operational truck on the contract. The truck must be of the type that is necessary to perform the hauling duties required under the contract. The DBE receives credit 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.

The DBE may lease additional trucks from another DBE firm. The DBE who leases additional trucks from another DBE firm receives credit for the value of the transportation services the lessee DBE provides on the Contract.

The trucking Work subcontracted to any non-DBE trucking firm will not receive credit for Work done on the project.

The DBE may lease trucks from a truck leasing company (recognized truck rental center), but can only receive credit towards DBE participation if the DBE uses its own employees as drivers.

### **DBE Manufacturer and DBE Regular Dealer**

One hundred percent (100%) of the cost of the manufactured product obtained from a DBE manufacturer may count towards the DBE COA Goal.

Sixty percent (60%) of the cost of materials or supplies purchased from a DBE Regular Dealer may be credited towards the DBE Goal. If the role of the DBE Regular Dealer is determined to be that of a Broker, then DBE credit shall be limited to the fee or commission it receives for its services. Regular Dealer status and the amount of credit is determined on a Contract-by-Contract basis.

DBE firms proposed to be used as a Regular Dealer must be approved before being listed as a COA/used on a project. The WSDOT Approved Regular Dealer list published on WSDOT's Office of Equal Opportunity (OEO) web site must include the specific project for which approval is being requested. For purposes of the DBE COA Goal

participation, the Regular Dealer must submit the Regular Dealer Status Request form a minimum of five calendar days prior to bid opening.

Purchase of materials or supplies from a DBE which is neither a manufacturer nor a regular dealer, (i.e. Broker) only the fees or commissions charged for assistance in the procurement of the materials and supplies, or fees or transportation charges for the delivery of materials or supplies required on the job site, may count towards the DBE COA Goal provided the fees are not excessive as compared with fees customarily allowed for similar services. Documentation will be required to support the fee/commission charged by the DBE. The cost of the materials and supplies themselves cannot be counted toward the DBE COA Goal.

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

### **Disadvantaged Business Enterprise Utilization**

To be eligible for award of the Contract, the Bidder shall properly complete and submit a Disadvantaged Business Enterprise (DBE) Utilization Certification with the Bidder's sealed Bid Proposal, as specified in Section 1-02.9 Delivery of Proposal. The Bidder's DBE Utilization Certification must clearly demonstrate how the Bidder intends to meet the DBE COA Goal. A DBE Utilization Certification (WSDOT Form 272-056) is included in the Proposal package for this purpose as well as instructions on how to properly fill out the form.

The Bidder is advised that the items listed below when listed in the Utilization Certification must have their amounts reduced to the percentages shown and those reduced amounts will be the amount applied towards meeting the DBE COA Goal.

- Force account at 50%
- Regular dealer at 60%

In the event of arithmetic errors in completing the DBE Utilization Certification, the amount listed to be applied towards the DBE COA Goal for each DBE shall govern and the DBE total amount shall be adjusted accordingly.

Note: The Contracting Agency shall consider as non-responsive and shall reject any Bid Proposal submitted that does not contain a DBE Utilization Certification Form that accurately demonstrates how the Bidder intends to meet the DBE COA Goal.

### **Disadvantaged Business Enterprise Written Confirmation Document(s)**

The Bidder shall submit a Disadvantaged Business Enterprise (DBE) Written Confirmation Document (completed and signed by the DBE) for each DBE firm listed in the Bidder's completed DBE Utilization Certification submitted with the Bid. Failure to do so will result in the associated participation being disallowed, which may cause the Bid to be determined to be nonresponsive resulting in Bid rejection.

The Confirmation Documents provide confirmation from the DBEs that they are participating in the Contract as provided in the Bidder's Commitment. The Confirmation Documents must be consistent with the Utilization Certification.

A DBE Written Confirmation Document (WSDOT Form 422-031) is included in the Proposal package for this purpose.

The form(s) shall be received as specified in the special provisions for Section 1-02.9 Delivery of Proposal.

It is prohibited for the Bidder to require a DBE to submit a Written Confirmation Document with any part of the form left blank. Should the Contracting Agency determine that an incomplete Written Confirmation Document was signed by a DBE, the validity of the document comes into question. The associated DBE participation may not receive credit.

### **Selection of Successful Bidder/Good Faith Efforts (GFE)**

The successful Bidder shall be selected on the basis of having submitted the lowest responsive Bid, which demonstrates a good faith effort to achieve the DBE COA Goal. The Contracting Agency, at any time during the selection process, may request a breakdown of the bid items and amounts that are counted towards the overall contract goal for any of the DBEs listed on the DBE Utilization Certification.

Achieving the DBE COA Goal may be accomplished in one of two ways:

1. By meeting the DBE COA Goal  
Submission of the DBE Utilization Certification, supporting DBE Written Confirmation Document(s) showing the Bidder has obtained enough DBE participation to meet or exceed the DBE COA Goal, the DBE Bid Item Breakdown and the DBE Trucking Credit Form, if applicable.
2. By documentation that the Bidder made adequate GFE to meet the DBE COA Goal  
The Bidder may demonstrate a GFE in whole or part through GFE documentation ONLY IN THE EVENT a Bidder's efforts to solicit sufficient DBE participation have been unsuccessful. The Bidder must supply GFE documentation in addition to the DBE Utilization Certification, supporting DBE Written Confirmation Document(s), the DBE Bid Item Breakdown form and the DBE Trucking Credit Form, if applicable.

Note: In the case where a Bidder is awarded the contract based on demonstrating adequate GFE, the advertised DBE COA Goal will not be reduced. The Bidder shall demonstrate a GFE during the life of the Contract to attain the advertised DBE COA Goal.

GFE documentation, the DBE Bid Item Breakdown form, and the DBE Trucking Credit Form, if applicable, shall be submitted as specified in Section 1-02.9.

The Contracting Agency will review the GFE documentation and will determine if the Bidder made an adequate good faith effort.

### **Good Faith Effort (GFE) Documentation**

GFE is evaluated when:

1. Determining award of a Contract that has COA goal,
2. When a COA DBE is terminated and substitution is required, and

3. Prior to Physical Completion when determining whether the Contractor has satisfied its DBE commitments.

49 CFR Part 26, Appendix A is intended as general guidance and does not, in itself, demonstrate adequate good faith efforts. The following is a list of types of actions, which would be considered as part of the Bidder's GFE to achieve DBE participation. It is not intended to be a mandatory checklist, nor is it intended to be exclusive or exhaustive. Other factors or types of efforts may be relevant in appropriate cases.

1. Soliciting through all reasonable and available means (e.g. attendance at pre-bid meetings, advertising and/or written notices) the interest of all certified DBEs who have the capability to perform the Work of the Contract. The Bidder must solicit this interest within sufficient time to allow the DBEs to respond to the solicitation. The Bidder must determine with certainty if the DBEs are interested by taking appropriate steps to follow up initial solicitations.
2. Selecting portions of the Work to be performed by DBEs in order to increase the likelihood that the DBE COA Goal will be achieved. This includes, where appropriate, breaking out contract Work items into economically feasible units to facilitate DBE participation, even when the Bidder might otherwise prefer to perform these Work items with its own forces.
3. Providing interested DBEs with adequate information about the Plans, Specifications, and requirements of the Contract in a timely manner to assist them in responding to a solicitation.
  - a. Negotiating in good faith with interested DBEs. It is the Bidder's responsibility to make a portion of the Work available to DBE subcontractors and suppliers and to select those portions of the Work or material needs consistent with the available DBE subcontractors and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of DBEs that were considered; a description of the information provided regarding the Plans and Specifications for the Work selected for subcontracting; and evidence as to why additional agreements could not be reached for DBEs to perform the Work.
  - b. A Bidder using good business judgment would consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and would take a firm's price and capabilities as well as the DBE COA Goal into consideration. However, the fact that there may be some additional costs involved in finding and using DBEs is not in itself sufficient reason for a Bidder's failure to meet the DBE COA Goal, as long as such costs are reasonable. Also, the ability or desire of a Bidder to perform the Work of a Contract with its own organization does not relieve the Bidder of the responsibility to make Good Faith Efforts. Bidders are not, however, required to accept higher quotes from DBEs if the price difference is excessive or unreasonable.
4. Not rejecting DBEs as being unqualified without sound reasons based on a thorough investigation of their capabilities. The Bidder's standing within its industry, membership in specific groups, organizations, or associations and political or social affiliations (for example union vs. non-union employee status) are not legitimate

causes for the rejection or non-solicitation of bids in the Bidder's efforts to meet the DBE COA Goal.

5. Making efforts to assist interested DBEs in obtaining bonding, lines of credit, or insurance as required by the recipient or Bidder.
6. Making efforts to assist interested DBEs in obtaining necessary equipment, supplies, materials, or related assistance or services.
7. Effectively using the services of available minority/women community organizations; minority/women contractors' groups; local, State, and Federal minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBEs.
8. Documentation of GFE must include copies of each DBE and non-DBE subcontractor quotes submitted to the Bidder when a non-DBE subcontractor is selected over a DBE for Work on the Contract. (ref. updated DBE regulations – 26.53(b)(2)(vi) & App. A)

#### **Administrative Reconsideration of GFE Documentation**

A Bidder has the right to request reconsideration if the GFE documentation submitted with their Bid was determined to be inadequate.

- The Bidder must request within 48 hours of notification of being nonresponsive or forfeit the right to reconsideration.
- The reconsideration decision on the adequacy of the Bidder's GFE documentation shall be made by an official who did not take part in the original determination.
- Only original GFE documentation submitted as a supplement to the Bid shall be considered. The Bidder shall not introduce new documentation at the reconsideration hearing.
- The Bidder shall have the opportunity to meet in person with the official for the purpose of setting forth the Bidder's position as to why the GFE documentation demonstrates a sufficient effort.
- The reconsideration official shall provide the Bidder with a written decision on reconsideration within five working days of the hearing explaining the basis for their finding.

#### **DBE Bid Item Breakdown**

The Bidder shall submit a DBE Bid Item Breakdown Form (WSDOT Form 272-054) as specified in the Special Provisions for Section 1-02.9, Delivery of Proposal.

#### **DBE Trucking Credit Form**

The Bidder shall submit a DBE Trucking Credit Form (WSDOT Form 272-058), as specified in the Special Provisions for Section 1-02.9, Delivery of Proposal.

Note: The DBE Trucking Credit Form is only required for a DBE Firm listed on the DBE Utilization Certification as a subcontractor for "Trucking" or "Hauling" and are performing a part of a bid item. For example, if the item of Work is Structure

Excavation including Haul, and another firm is doing the excavation and the DBE Trucking firm is doing the haul, the form is required. For a DBE subcontractor that is responsible for an entire item of work that may require some use of trucks, the form is not required.

### **Procedures between Award and Execution**

After Award and prior to Execution, the Contractor shall provide the additional information described below. Failure to comply shall result in the forfeiture of the Bidder's Proposal bond or deposit.

1. A list of all firms who submitted a bid or quote in attempt to participate in this project whether they were successful or not. Include the business name and mailing address.

Note: The firms identified by the Contractor may be contacted by the Contracting Agency to solicit general information as follows: age of the firm and average of its gross annual receipts over the past three years.

### **Procedures after Execution**

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

The Contractor may only take credit for the payments made for Work performed by a DBE that is determined to be performing a CUF. Payment must be commensurate with the work actually performed by the DBE. This applies to all DBEs performing Work on a project, whether or not the DBEs are COA, if the Contractor wants to receive credit for their participation. The Engineer will conduct CUF reviews to ascertain whether DBEs are performing a CUF. A DBE performs a CUF when it is carrying out its responsibilities of its contract by actually performing, managing, and supervising the Work involved. The DBE must be responsible for negotiating price; determining quality and quantity; ordering the material, installing (where applicable); and paying for the material itself. If a DBE does not perform "all" of these functions on a furnish-and-install contract, it has not performed a CUF and the cost of materials cannot be counted toward DBE COA Goal. Leasing of equipment from a leasing company is allowed. However, leasing/purchasing equipment from the Contractor is not allowed. Lease agreements shall be provided prior to the Subcontractor beginning Work. Any use of the Contractor's equipment by a DBE may not be credited as countable participation.

The 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 the funds are passed in order to obtain the appearance of DBE participation.

In order for a DBE traffic control company to be considered to be performing a CUF, the DBE must be in control of its work inclusive of supervision. The DBE shall employ a Traffic Control Supervisor who is directly involved in the management and supervision of the traffic control employees and services.

The following are some of the factors that the Engineer will use in determining whether a DBE trucking company is performing a CUF:

- The DBE shall be responsible for the management and supervision of the entire trucking operation for which it is responsible on the contract. The owner demonstrates business related knowledge, shows up on site and is determined to be actively running the business.

- The DBE itself shall own and operate at least one fully licensed, insured, and operational truck used on the Contract. The drivers of the trucks owned and leased by the DBE must be exclusively employed by the DBE and reflected on the DBE's payroll.
- Lease agreements for trucks shall indicate that the DBE has exclusive use of and control over the truck(s). 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 absolute priority for use of the leased truck.
- Leased trucks shall display the name and identification number of the DBE.

### **UDBE/DBE/FSBE Truck Unit Listing Log**

In addition to the subcontracting requirements of Section 1-08.1, each DBE trucking firm shall submit supplemental information consisting of a completed Primary UDBE/DBE/FSBE Truck Unit Listing Log (WSDOT Form 350-077), copy of vehicle registrations, and all Rental/Lease agreements (if applicable). The supplemental information shall be submitted to the Engineer prior to any trucking services being performed for DBE credit. Incomplete or incorrect supplemental information will be returned for correction. The corrected Primary UDBE/DBE/FSBE Truck Unit Listing Log and any Updated Primary UDBE/DBE/FSBE Truck Unit Listing Logs shall be submitted and accepted by the Engineer no later than ten calendar days of utilizing applicable trucks. Failure to submit or update the DBE Truck Unit Listing Log may result in trucks not being credited as DBE participation.

Each DBE trucking firm shall complete a Daily UDBE/DBE/FSBE Trucking Unit Listing Log for each day that the DBE performs trucking services for DBE credit. The Daily UDBE/DBE/FSBE Trucking Unit Listing Log forms shall be submitted to the Engineer by Friday of the week after the work was performed.

### **Joint Checking**

A joint check is a check between a Subcontractor and the Contractor to the supplier of materials/supplies. The check is issued by the Contractor as payer to the Subcontractor and the material supplier jointly for items to be incorporated into the project. The DBE must release the check to the supplier, while the Contractor acts solely as the guarantor.

A joint check agreement must be approved by the Engineer and requested by the DBE involved using the DBE Joint Check Request Form (form # 272-053) prior to its use. The form must accompany the DBE Joint Check Agreement between the parties involved, including the conditions of the arrangement and expected use of the joint checks.

The approval to use joint checks and the use will be closely monitored by the Engineer. To receive DBE credit for performing a CUF with respect to obtaining materials and supplies, a DBE must "be responsible for negotiating price, determining quality and quantity, ordering the material, installing and paying for the material itself." The Contractor shall submit DBE Joint Check Request Form to the Engineer and be in receipt of written approval prior to using a joint check.

Material costs paid by the Contractor directly to the material supplier are not allowed. If proper procedures are not followed or the Engineer determines that the arrangement results in lack of independence for the DBE involved, no DBE credit will be given for the DBE's participation as it relates to the material cost.

**Prompt Payment**

Prompt payment to all subcontractors shall be in accordance with Section 1-08.1. Prompt payment requirements apply to progress payments as well as return of retainage.

**Subcontracts**

Prior to a DBE performing Work on the Contract, an executed subcontract between the DBE and the Contractor shall be submitted to the Engineer. The executed subcontracts shall be submitted by email to the following email address:

ERegionOEO@wsdot.wa.gov

The prime contractor shall notify the Engineer in writing within five calendar days of subcontract submittal.

**Reporting**

The Contractor and all subcontractors/suppliers/service providers that utilize DBEs to perform work on the project, shall maintain appropriate records that will enable the Engineer to verify DBE participation throughout the life of the project.

Refer to Section 1-08.1 for additional reporting requirements associated with this contract.

**Changes in COA Work Committed to DBE**

The Contractor shall utilize the COA DBEs to perform the work and supply the materials for which each is committed unless prior written approval by the Engineer is received by the Contractor. The Contractor shall not be entitled to any payment for work or material completed by the Contractor or subcontractors that was committed to be completed by the COA DBEs in the DBE Utilization Certification form.

**Owner Initiated Changes**

In instances where the Engineer makes changes that result in changes to Work that was committed to a COA DBE the Contractor may be directed to substitute for the Work.

**Contractor Initiated Changes**

The Contractor cannot change the scope or reduce the amount of work committed to a COA DBE without good cause. Reducing DBE Commitment is viewed as partial DBE termination, and therefore subject to the termination procedures below.

**Original Quantity Underruns**

In the event that Work committed to a DBE firm as part of the COA underruns the original planned quantities the Contractor may be required to substitute other remaining Work to another DBE.

**Contractor Proposed DBE Substitutions**

Requests to substitute a COA DBE must be for good cause (see DBE termination process below), and requires prior written approval of the Engineer. After receiving a termination with good cause approval, the Contractor may only replace a DBE with another certified DBE. When any changes between Contract Award and Execution result in a substitution of COA DBE, the substitute DBE shall have been certified prior to the bid opening on the Contract.

### **DBE Termination**

Termination of a COA DBE (or an approved substitute DBE) is only allowed in whole or in part for good cause and with prior written approval of the Engineer. If the Contractor terminates a COA DBE without the prior written approval of the Engineer, the Contractor shall not be entitled to payment for work or material committed to, but not performed/supplied by the COA DBE. In addition, sanctions may apply as described elsewhere in this specification.

Prior to requesting approval to terminate a COA DBE, the Contractor shall give notice in writing to the DBE with a copy to the Engineer of its intent to request to terminate DBE Work and the reasons for doing so. The DBE shall have five (5) days to respond to the Contractor's notice. The DBE's response shall either support the termination or advise the Engineer and the Contractor of the reasons it objects to the termination of its subcontract.

If the request for termination is approved, the Contractor is required to substitute with another DBE to perform at least the same amount of work as the DBE that was terminated (or provide documentation of GFE). A plan to replace the COA DBE Commitment amount shall be submitted to the Engineer within 2 days of the approval of termination. The plan to replace the Commitment shall provide the same detail as that required in the DBE Utilization Certification.

The Contractor must have good cause to terminate a COA DBE.

Good cause typically includes situations where the DBE Subcontractor is unable or unwilling to perform the work of its subcontract. Good cause may exist if:

- The DBE fails or refuses to execute a written contract.
- The DBE fails or refuses to perform the Work of its subcontract in a way consistent with normal industry standards.
- The DBE fails or refuses to meet the Contractor's reasonable nondiscriminatory bond requirements.
- The DBE becomes bankrupt, insolvent, or exhibits credit unworthiness.
- The DBE is ineligible to work on public works projects because of suspension and debarment proceedings pursuant to federal law or applicable State law.
- The DBE is ineligible to receive DBE credit for the type of work involved.
- The DBE voluntarily withdraws from the project and provides written notice of its withdrawal.
- The DBE's work is deemed unsatisfactory by the Engineer and not in compliance with the Contract.
- The DBE's owner dies or becomes disabled with the result that the DBE is unable to complete its Work on the Contract.

Good cause does not exist if:

- The Contractor seeks to terminate a COA DBE so that the Contractor can self-perform the Work.
- The Contractor seeks to terminate a COA DBE so the Contractor can substitute another DBE contractor or non-DBE contractor after Contract Award.
- The failure or refusal of the COA DBE to perform its Work on the subcontract results from the bad faith or discriminatory action of the Contractor (e.g., the failure of the Contractor to make timely payments or the unnecessary placing of obstacles in the path of the DBE's Work).

### **Decertification**

When a DBE is "decertified" from the DBE program during the course of the Contract, the participation of that DBE shall continue to count as DBE participation as long as the subcontract with the DBE was executed prior to the decertification notice. The Contractor is obligated to substitute when a DBE does not have an executed subcontract agreement at the time of decertification.

### **Consequences of Non-Compliance**

#### **Breach of Contract**

Each contract with a Contractor (and each subcontract the Contractor signs with a Subcontractor) must include the following assurance clause:

The Contractor, subrecipient, 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 recipient deems appropriate, which may include, but is not limited to:

- (1) Withholding monthly progress payments;
- (2) Assessing sanctions;
- (3) Liquidated damages; and/or
- (4) Disqualifying the Contractor from future bidding as non-responsible.

#### **Notice**

If the Contractor or any Subcontractor, Consultant, Regular Dealer, or service provider is deemed to be in non-compliance, the Contractor will be informed in writing, by certified mail by the Engineer that sanctions will be imposed for failure to meet the DBE COA Commitment and/or submit documentation of good faith efforts. The notice will state the specific sanctions to be imposed which may include impacting a Contractor or other entity's ability to participate in future contracts.

#### **Sanctions**

If it is determined that the Contractor's failure to meet all or part of the DBE COA Commitment is due to the Contractor's inadequate good faith efforts throughout the life of the Contract, including failure to submit timely, required Good Faith Efforts information and documentation, the Contractor may be required to pay DBE penalty equal to the amount of the unmet Commitment, in addition to the sanctions outlined in Section 1-07.11(5).

## **Payment**

Compensation for all costs involved with complying with the conditions of this Specification and any other associated DBE requirements is included in payment for the associated Contract items of Work, except otherwise provided in the Specifications.

## **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 25, 2022 (WSDOT GSP) 1-07.12.OPT1.GR1

The Required Contract Provisions Federal Aid Construction Contracts (FHWA 1273) Revised July 5, 2022 and the amendments thereto 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, as amended, are less restrictive than Washington State Law, then the Washington State Law shall prevail. The provisions of FHWA 1273, as amended, included in this Contract require that the Contractor insert the FHWA 1273 and amendments thereto in each subcontract, together with the wage rates which are part of the FHWA 1273, as amended. Also, a clause shall be included in each subcontract requiring the subcontractors to insert the FHWA 1273 and amendments 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 Engineer, the Contractor will be provided with extra copies of the FHWA 1273, the amendments thereto, 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:

None known

OCTOBER 3, 2022 (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:

**Inland Power & Light**  
10110 W. Hallett Road  
Spokane, WA 99224  
800-747-7151

**CenturyLink**  
904 N. Columbus  
Spokane, WA 99202  
800-244-1111  
[relocations@lumen.com](mailto:relocations@lumen.com)

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

DECEMBER 30, 2022 (APWA GSP) 1-07.18

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

### **1-07.18 Insurance**

#### **1-07.18(1) General Requirements**

- A. The Contractor shall procure and maintain the insurance described in all subsections of section 1-07.18 of these Special Provisions, from insurers with a current A. M. Best rating of not less than A-: VII and licensed to do business in the State of Washington. The Contracting Agency reserves the right to approve or reject the insurance provided, based on the insurer's financial condition.
- B. The Contractor shall keep this insurance in force without interruption from the commencement of the Contractor's Work through the term of the Contract and for thirty (30) days after the Physical Completion date, unless otherwise indicated 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 Completion Date 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 Contractor's Automobile Liability, Commercial General Liability and Excess or Umbrella Liability insurance policies shall be primary and non-contributory insurance as

respects the Contracting Agency's insurance, self-insurance, or self-insured pool coverage. Any insurance, self-insurance, or self-insured pool coverage maintained by the Contracting Agency shall be excess of the Contractor's insurance and shall not contribute with it.

- E. 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.
- F. The Contractor shall not begin work under the Contract until the required insurance has been obtained and approved by the Contracting Agency
- G. 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.
- H. 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 Workers Compensation, and of Professional Liability and Builder's Risk (if required by this Contract) shall name the following listed entities as additional insured(s) using the forms or endorsements required herein:

- 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, 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(4) describes limits lower than those maintained by the Contractor.

For Commercial General Liability insurance coverage, the required additional insured endorsements shall be at least as broad as ISO forms CG 20 10 10 01 for ongoing operations and CG 20 37 10 01 for completed operations.

**1-07.18(3) Subcontractors**

The Contractor shall cause each subcontractor of every tier to provide insurance coverage that complies with all applicable requirements of the Contractor-provided insurance as set forth herein, except the Contractor shall have sole responsibility for determining the limits of coverage required to be obtained by subcontractors.

The Contractor shall ensure that all subcontractors of every tier add all entities listed in 1-07.18(2) as additional insureds, and provide proof of such on the policies as required by that section as detailed in 1-07.18(2) using an endorsement as least as broad as ISO CG 20 10 10 01 for ongoing operations and CG 20 37 10 01 for completed operations.

Upon request by the Contracting Agency, the Contractor shall forward to the Contracting Agency evidence of insurance and copies of the additional insured endorsements of each subcontractor of every tier as required in 1-07.18(4) Verification of Coverage.

#### **1-07.18(4) Verification of Coverage**

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. Failure of Contracting Agency to demand such verification of coverage with these insurance requirements or failure of Contracting Agency to identify a deficiency from the insurance documentation provided shall not be construed as a waiver of Contractor's obligation to maintain such insurance.

Verification of coverage shall include:

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.
3. Any other amendatory endorsements to show the coverage required herein.
4. A notation of coverage enhancements on the Certificate of Insurance shall not satisfy these requirements – actual endorsements must be submitted.

Upon request by the Contracting Agency, the Contractor shall forward to the Contracting Agency a full and certified copy of the insurance policy(s). If Builders Risk insurance is required on this Project, a full and certified copy of that policy is required when the Contractor delivers the signed Contract for the work.

#### **1-07.18(5) Coverages and Limits**

The insurance shall provide the minimum coverages and limits set forth below. Contractor's maintenance of insurance, its scope of coverage, and limits as required herein shall not be construed to limit the liability of the Contractor to the coverage provided by such insurance, or otherwise limit the Contracting Agency's recourse to any remedy available at law or in equity.

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 or self-insured retention shall be the responsibility of the Contractor. In the event an additional insured incurs a liability subject to any policy's deductibles or self-insured retention, said deductibles or self-insured retention shall be the responsibility of the Contractor.

#### **1-07.18(5)A Commercial General Liability**

Commercial General Liability insurance shall be written on coverage forms at least as broad as ISO occurrence form CG 00 01, including but not limited to liability arising from premises, operations, stop gap liability, independent contractors, products-completed operations, personal and advertising injury, and liability assumed under an insured contract. There shall be no exclusion for liability arising from explosion, collapse or underground property damage.

The Commercial General Liability insurance shall be endorsed to provide a per project general aggregate limit, using ISO form CG 25 03 05 09 or an equivalent endorsement.

Contractor shall maintain Commercial General Liability Insurance arising out of the Contractor's completed operations for at least three years following Substantial Completion of the Work.

Such policy must provide the following minimum limits:

\$1,000,000	Each Occurrence
\$2,000,000	General Aggregate
\$2,000,000	Products & Completed Operations Aggregate
\$1,000,000	Personal & Advertising Injury each offence
\$1,000,000	Stop Gap / Employers' Liability each accident

#### **1-07.18(5)B Automobile Liability**

Automobile Liability shall cover owned, non-owned, hired, and leased vehicles; and shall be written on a coverage form at least as broad as ISO form CA 00 01. If the work involves the transport of pollutants, the automobile liability policy shall include MCS 90 and CA 99 48 endorsements.

Such policy must provide the following minimum limit:

\$1,000,000	Combined single limit each accident
-------------	-------------------------------------

#### **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.

#### **Insurance Provider Requirements**

(WSDOT GSP) 1-07.18(1).GR1

(WSDOT GSP) 1-07.18(1).INST1.GR1

Section 1-07.18(1) is supplemented with the following:

MARCH 9, 2023 (WSDOT GSP) 1-07.18(1).OPT1.2024.GR1

Under no circumstances shall a wrap up policy be obtained, for either initiating or maintaining coverage, to satisfy insurance requirements for any policy required under this section. A wrap up policy is defined as an insurance agreement or arrangement under which all the parties working on a specified or designated project are insured under one policy for liability arising out of that specified or designated project.

#### **RIGHTS OF WAY**

JULY 23, 2015 (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) 1-08.0

## **PRECONSTRUCTION CONFERENCE**

OCTOBER 10, 2008 (APWA GSP) 1-08.0(1)

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

Prior to the Contractor beginning the work, a preconstruction conference will be held between the Contractor, the Engineer and such other interested parties as may be invited. The purpose of the preconstruction conference will be:

1. To review the initial progress schedule;
2. To establish a working understanding among the various parties associated or affected by the work;
3. To establish and review procedures for progress payment, notifications, approvals, submittals, etc.;
4. To establish normal working hours for the work;
5. To review safety standards and traffic control; and
6. To discuss such other related items as may be pertinent to the work.

The Contractor shall prepare and submit at the preconstruction conference the following:

1. A breakdown of all lump sum items;
2. A preliminary schedule of working drawing submittals; and
3. A list of material sources for approval if applicable.

## **HOURS OF WORK**

DECEMBER 8, 2014 (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 Engineer, the normal working hours for the Contract shall be any consecutive 8-hour period between 7:00 a.m. and 6:00 p.m. Monday through Friday, exclusive of a lunch break. If the Contractor desires different than the normal working hours stated above, the request must be submitted in writing prior to the preconstruction conference, subject to the provisions below. The working hours for the Contract shall be established at or prior to the preconstruction conference.

All working hours and days are also subject to local permit and ordinance conditions (such as noise ordinances).

If the Contractor wishes to deviate from the established working hours, the Contractor shall submit a written request to the Engineer for consideration. This request shall state what hours are being requested, and why. Requests shall be submitted for review no later than 3 days prior to the day(s) the Contractor is requesting to change the hours.

If the Contracting Agency approves such a deviation, such approval may be subject to certain other conditions, which will be detailed in writing. For example:

1. 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. (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 or third party consultants when, in the opinion of the Engineer, such work necessitates their presence.)
2. Considering the work performed on Saturdays, Sundays, and holidays as working days with regard to the contract time.
3. 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.
4. If a 4-10 work schedule is requested and approved the non working day for the week will be charged as a working day.
5. If Davis Bacon wage rates apply to this Contract, all requirements must be met and recorded properly on certified payroll

## **SUBCONTRACTING**

DECEMBER 30, 2022 (APWA GSP) 1-08.1.OPTA

Section 1-08.1 is supplemented with the following:

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 (WSDOT Form 421-012), and
2. Contractor and Subcontractor or Lower Tier Subcontractor Certification for Federal-aid Projects (WSDOT Form 420-004).

The Contractor shall submit to the Engineer a completed Monthly Retainage Report (WSDOT Form 272-065) within 15 calendar days after receipt of every monthly progress payment until every subcontractor and lower tier subcontractor's retainage has been released.

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.

## **NOTICE TO PROCEED AND PROSECUTION OF THE WORK**

JULY 23, 2015 (APWA GSP) 1-08.4

Delete Section 1-08.4 and replace it with the following:

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

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

## **TIME FOR COMPLETION**

(WSDOT GSP) 1-08.5.GR1

(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 100 working days.

DECEMBER 30, 2022 (APWA GSP) 1-08.5.OPTB

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 all partial or whole days the Engineer declares as unworkable. The statement will be identified as a Written Determination by the Engineer. If the Contractor does not agree with the Written Determination of working days, the Contractor shall pursue the protest procedures in accordance with Section 1-04.5. By failing to follow the procedures of Section 1-04.5, 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. Monthly 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. A copy of the Notice of Termination sent to the Washington State Department of Ecology (Ecology); the elapse of 30 calendar days from the date of receipt of the Notice of Termination by Ecology; and no rejection of the Notice of Termination by Ecology. This requirement will not apply if the Construction Stormwater General Permit is transferred back to the Contracting Agency in accordance with Section 8-01.3(16).
  - g. Property owner releases per Section 1-07.24

## **LIQUIDATED DAMAGES**

MARCH 3, 2021 (APWA GSP) 1-08.9.OPTA

Replace Section 1-08.9 with the following:

Time is of the essence of the Contract. Delays inconvenience the traveling public, obstruct traffic, interfere with and delay commerce, and increase risk to Highway users. Delays also cost tax payers undue sums of money, adding time needed for administration, engineering, inspection, and supervision.

Accordingly, the Contractor agrees:

1. To pay liquidated damages in the amount of \$2,900.00 for each working day beyond the number of working days established for Physical Completion, and
2. To authorize the Engineer to deduct these liquidated damages from any money due or coming due to the Contractor.

When the Contract Work has progressed to Substantial Completion as defined in the Contract, the Engineer may determine the Contract 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, liquidated damages identified 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.

Liquidated damages will not be assessed for any days for which an extension of time is granted. No deduction or payment of liquidated damages will, in any degree, release the Contractor from further obligations and liabilities to complete the entire 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:

NOVEMBER 10, 2014 (WC GSP) 1-09.2(1)

All scales used shall be self-printing scales which will provide duplicate legible copies.

DECEMBER 30, 2022 (APWA GSP) 1-09.2(1).OPT2

Revise item 4 of the fifth paragraph of Section 1-09.2(1) to read:

4. Test results and scale weight records for each day's hauling operations are provided to the Engineer daily. Reporting shall utilize WSDOT form 422-027, Scaleman's Daily Report, unless the printed ticket contains the same information that is on the Scaleman's Daily Report Form. The scale operator must provide AM and/or PM tare weights for each truck on the printed ticket.

### **1-09.2(5) Measurement**

DECEMBER 30, 2022 (APWA GSP) 1-09.2(5)

Revise the first paragraph of Section 1-09.2(5) to read:

**Scale Verification Checks** – At the Engineer’s discretion, the Engineer may perform verification checks on the accuracy of each batch, hopper, or platform scale used in weighing contract items of Work.

(WC GSP) 1-09.2(5).INST1.GR1

Section 1-09.2(5) is supplemented with the following:

NOVEMBER 10, 2014 (WC GSP) 1-09.2(5)

The Contractor shall provide original check-weight tickets for each scale verification check.

## **WEIGHING EQUIPMENT**

(WSDOT GSP) 1-09.2.GR1

### **General Requirements for Weighing Equipment**

(WSDOT GSP) 1-09.2(1).GR1

### **Electronic Delivery Management System (E-Ticketing)**

(WSDOT GSP) 1-09.2(1)A.GR1

#### **Equipment**

(WSDOT GSP) 1-09.2(1)A1.GR1

(WSDOT GSP) 1-09.2(1)A1.INST1.GR1

Item number 1 in the first paragraph of Section 1-09.2(1)A1 is revised to read:

MARCH 9, 2023 (WSDOT GSP) 1-09.2(1)A1.OPT1.2024.GR1

1. The ETS shall generate an E-ticket in PDF format meeting the requirements of 1-09.2(1)A2. The information shall be immediately uploaded to a designated site so the information can be accessed by the Inspector located at the material delivery site.

## **PAYMENTS**

(WSDOT GSP) 1-09.9.GR1

DECEMBER 30, 2022 (APWA GSP) 1-09.9

Section 1-09.9 is revised to read:

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.

Failure to perform obligations under the Contract by the Contractor may be decreed by the Contracting Agency to be adequate reason for withholding any payments until compliance is achieved.

Upon completion of all Work and after final inspection (Section 1-05.11), the amount due the Contractor under the Contract will be paid based upon the final estimate made by the Engineer and presentation of a Final Contract Voucher Certification to be signed by the Contractor. The Contractor's signature on such voucher shall be deemed a release of all claims of the Contractor unless a Certified Claim is filed in accordance with the requirements of Section 1-09.11 and is expressly excepted from the Contractor's certification on the Final Contract Voucher Certification. The date the Contracting Agency signs the Final Contract Voucher Certification constitutes the final acceptance date (Section 1-05.12).

If the Contractor fails, refuses, or is unable to sign and return the Final Contract Voucher Certification or any other documentation required for completion and final acceptance of the Contract, the Contracting Agency reserves the right to establish a Completion Date (for the purpose of meeting the requirements of RCW 60.28) and unilaterally accept the Contract. Unilateral final acceptance will occur only after the Contractor has been provided the opportunity, by written request from the Engineer, to voluntarily submit such documents. If voluntary compliance is not achieved, formal notification of the impending establishment of a

Completion Date and unilateral final acceptance will be provided by email with delivery confirmation from the Contracting Agency to the Contractor, which will provide 30 calendar days for the Contractor to submit the necessary documents. The 30 calendar day period will begin on the date the email with delivery confirmation is received by the Contractor. The date the Contracting Agency unilaterally signs the Final Contract Voucher Certification shall constitute the Completion Date and the final acceptance date (Section 1-05.12). The reservation by the Contracting Agency to unilaterally accept the Contract will apply to Contracts that are Physically Completed in accordance with Section 1-08.5, or for Contracts that are terminated in accordance with Section 1-08.10. Unilateral final acceptance of the Contract by the Contracting Agency does not in any way relieve the Contractor of their responsibility to comply with all Federal, State, tribal, or local laws, ordinances, and regulations that affect the Work under the Contract.

Payment to the Contractor of partial estimates, final estimates, and retained percentages shall be subject to controlling laws.

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:

JUNE 27, 2011 (WSDOT GSP) 1-09.9(1).OPT1.GR1

### **Vacant**

## **TIME LIMITATION AND JURISDICTION**

DECEMBER 30, 2022 (APWA GSP) 1-09.11(3)

Revise Section 1-09.11(3) to read:

For the convenience of the parties to the Contract it is mutually agreed by the parties that all claims or causes of action which the Contractor has against the Contracting Agency arising from the Contract shall be brought within 180 calendar days from the date of final acceptance (Section 1-05.12) of the Contract by the Contracting Agency; and it is further agreed that all such claims or causes of action shall be brought only in the Superior Court of the county where the Contracting Agency headquarters is located, provided that where an action is asserted against a county, RCW 36.01.050 shall control venue and jurisdiction. The parties understand and agree that the Contractor's failure to bring suit within the time period provided, shall be a complete bar to all such claims or causes of action. It is further mutually agreed by the parties that when claims or causes of action which the Contractor asserts against the Contracting Agency arising from the Contract are filed with the Contracting Agency or initiated in court, the Contractor shall permit the Contracting Agency to have timely access to all records deemed necessary by the Contracting Agency to assist in evaluating the claims or action.

## **ARBITRATION GENERAL**

JANUARY 19, 2022 (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 is located, provided that where claims subject to arbitration are asserted against a county, RCW 36.01.050 shall control venue and jurisdiction of the Superior Court. 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.

## **VENUE FOR LITIGATION**

DECEMBER 30, 2022 (APWA GSP) 1-09.13(4)A

Revise Section 1-09.13(4) to read:

Litigation shall be brought in the Superior Court of the county in which the Contracting Agency's headquarters is located, provided that where claims are asserted against a county, RCW 36.01.050 shall control venue and jurisdiction of the Superior Court. It is mutually agreed by the parties that when litigation occurs, the Contractor shall permit the Contracting Agency to have timely access to all records deemed necessary by the Contracting Agency to assist in evaluating the claims or action.

## **TEMPORARY TRAFFIC CONTROL**

(WSDOT GSP) 1-10.GR1

### **TRAFFIC CONTROL MANAGEMENT**

(WSDOT GSP) 1-10.2.GR1

(WSDOT GSP) 1-10.2.INST1.GR1

Section 1-10.2 is supplemented with the following:

NOVEMBER 2, 2022 (WSDOT GSP) 1-10.2.OPT1.GR1

#### **Work Zone Safety Contingency**

Enhancements to improve the effectiveness of the accepted traffic control plans to increase the safety of the work zones shall be discussed on a weekly basis between the Contractor and the Contracting Agency. Enhancements shall be mutually agreed upon by the Contractor and Engineer prior to performing any Work to implement the enhancement.

Enhancements do not include the use of Uniformed Police Officers or WSP, address changes to the allowed work hour restrictions, or changes to the staging plans in the Contract (if applicable). If allowed by the Engineer, these items will be addressed in accordance with Section 1-04.4.

The Contractor shall be solely responsible for submitting any traffic control plan revision to implement the enhancement in accordance with Section 1-10.2(2).

### **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:

OCTOBER 3, 2022 (WSDOT GSP) 1-10.2(1).OPT1.GR1

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  
<https://www.nwlett.edu>

Evergreen Safety Council  
12545 135<sup>th</sup> Ave. NE  
Kirkland, WA 98034-8709  
1-800-521-0778  
<https://www.esc.org>

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  
<https://atssa.com/training>

Integrity Safety  
13912 NE 20th Ave.  
Vancouver, WA 98686  
(360) 574-6071  
<https://www.integritysafety.com>

US Safety Alliance  
(904) 705-5660  
<https://www.ussafetyalliance.com>

K&D Services Inc.  
2719 Rockefeller Ave.  
Everett, WA 98201  
(800) 343-4049  
<https://www.kndservices.net>

## **MEASUREMENT**

(WSDOT GSP) 1-10.4.GR1

### **Item Bids With Lump Sum for Incidentals**

(WSDOT GSP) 1-10.4(2).GR1

(WSDOT GSP) 1-10.4(2).INST1.GR1

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

AUGUST 2, 2004 (WSDOT GSP) 1-10.4(2).OPT1.GR1

The bid proposal does not contain the item "Project Temporary Traffic Control," lump sum.  
The provisions of Section 1-10.4(2) shall apply.

## **PAYMENT**

(WSDOT GSP) 1-10.5.GR1

### **Item Bids With Lump Sum for Incidentals**

(WSDOT GSP) 1-10.5(2).GR1

(WSDOT GSP) 1-10.5(2).INST1.GR1

Section 1-10.5(2) is supplemented with the following:

NOVEMBER 2, 2022 (WSDOT GSP) 1-10.5(2).OPT7.GR1

“Work Zone Safety Contingency”, by force account.

All costs as authorized by the Engineer will be paid for by force account as specified in Section 1-09.6.

For purpose of providing a common proposal for all bidders, the Contracting Agency has entered an amount for the item “Work Zone Safety Contingency” in the Proposal to become a part of the Contractor’s total bid.

The Engineer may choose to use existing bid items for the implementation of the agreed upon enhancement.

## **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

(WSDOT GSP) 2-02.3.INST1.GR2

Section 2-02.3 is supplemented with the following:

##### **Removal of Obstructions**

SEPTEMBER 7, 2021 (WSDOT GSP) 2-02.3.OPT1.FR2

The following miscellaneous Obstructions shall be removed and disposed of:

1. Station 294+70, Culvert.
2. Station 311+75, Culvert.
3. Station 318+23, Culvert.
4. Station 325+20, Culvert.
5. Station 328+10 Left, Culvert.
6. Station 330+75, Culvert.
7. Station 332+35 Left, Culvert.
8. Station 336+13, Culvert.
9. Station 336+80 Left, Culvert.
10. Station 353+55 Right, Culvert.
11. Station 359+20 Left, Culvert.
12. Station 361+05 Left, Culvert.
13. Station 365+50, Culvert.
14. Station 367+82, Culvert.
15. Station 376+27, Culvert.
16. Station 387+57, Culvert.
17. Station 392+70, Culvert.
18. Station 395+75 Left, Culvert.
19. Station 396+25 Left, Culvert.
20. Station 397+10 Left, Culvert.

## **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:

#### **Deposit of Rock for the Contracting Agency's Use**

(WC GSP) 2-03.3(6)

(WC GSP) 2-03.3(6).INST1

Section 2-03.3(6) is supplemented with the following:

All rock removed for establishment of new cut slope, from Station 337+75 to Station 341+25 LT., shall be stockpiled in Miller Quarry floor.

#### **Selected Material**

(WC GSP) 2-03.3(10)

(WC GSP) 2-03.3(10).INST1

Section 2-03.3(10) is supplemented with the following:

JANUARY 6, 1999 (WC GSP) 2-03.3(10)

All shot or ripped rock within the project limits is designated as selected material. It may only be used for the production of crushed aggregates and shot rock. Other uses shall require the approval of the Engineer in writing, per Section 1-04.10

#### **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.

**Material for Shot Rock**

(WC GSP) 2-03.3(14)K

(WC GSP) 2-03.3(14)K.INST1

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

APRIL 12, 2001 (WC GSP) 2-03.3(14)K

Materials for Shot Rock shall consist of processed granular material, and shall meet the following requirements for grading and quality:

Sieve size	Percent passing
12 inch square	100
3 inch square	50 – 100
U.S. No. 40	35 max.
U.S. No. 200	10.0 max.
Sand Equivalent	30 min.
% Fracture	75 min.

All percentages are by weight.

The fracture requirement shall be at least one fractured face and will apply to material retained on each specification sieve size U.S. No. 10 and above of that sieve retains more than 5 percent of the total sample.

The material shall be uniformly graded (not gap-graded) and free of deleterious material such as wood, organic waste, or any other extraneous or objectionable material. Uniformly graded shall be construed as material with roughly equal proportions of all grain sizes from course to fine, resulting in no voids when placed and compacted on the road.

**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

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.

## **PAYMENT**

(WSDOT GSP) 2-03.5.GR2

(WC GSP) 2-03.5.INST2

Section 2-03.5 is supplemented with the following:

JUNE 25, 2009 (WC GSP) 2-03.5

All costs in connection with Shot Rock, including haul, shall be included in the unit contract price for "Shot Rock Embankment Compaction".

"Shot Rock Embankment Compaction", per cubic yard.

The unit contract price per cubic yard for "Shot Rock Embankment Compaction" shall be full compensation for all costs incurred for all material, labor, tools, equipment and incidentals required including excavating, loading, hauling and placing the Shot Rock.

## **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.

## MEASUREMENT

(WSDOT GSP) 2-09.4.GR2

(WSDOT GSP) 2-09.4.INST1.GR2

The subsection "Lower Limits" of Section 2-09.4 is supplemented with the following:

JUNE 25, 2009 (WC GSP) 2-09.4

The lower limits of measurement for Structure Excavation Class B shall be to the bottom of the required pipe bedding. No payment shall be made for additional excavation required from the original ground surface if the Contractor elects to construct subgrade prior to culvert installation.

## DIVISION 4 BASES

(WSDOT GSP) DIVISION4.GR4

### BALLAST AND CRUSHED SURFACING

(WSDOT GSP) 4-04.GR4

## MATERIALS

(WC GSP) 4-04.2

### Crushed 4" Minus

(WC GSP) 4-04.2

(WC GSP) 4-04.2.INST1

Section 4-04.2 is supplemented with the following:

MARCH 28, 2006 (WC GSP) 4-04.2

Materials for Crushed 4" Minus shall conform with Section 4-04 and consist of processed granular material, and shall meet the following requirements for grading and quality:

Sieve size	Percent passing
12 inch square	100
4 inch square	95 - 100
1 inch square	30 - 60
US No. 4	40 max.
U.S. No. 40	25 max.
U.S. No. 200	10.0 max.
Sand Equivalent	30 min.
% Fracture	75 min.

All percentages are by weight.

The fracture requirement shall be at least one fractured face and will apply to material retained on each specification sieve size U.S. No. 10 and above of that sieve retains more than 5 percent of the total sample.

The material shall be uniformly graded (not gap-graded) and free of deleterious material such as wood, organic waste, or any other extraneous or objectionable material. Uniformly graded shall be construed as material with roughly equal proportions of all grain sizes from course to fine, resulting in no voids when placed and compacted on the road.

## **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.

## **MEASUREMENT**

(WC GSP) 4-04.4

(WC GSP) 4-04.4.INST1

The fifth paragraph of Section 4-04.4 is deleted and replaced with the following:

MARCH 28, 2006 (WC GSP) 4-04.4

Crushed 4" Minus and Maintenance Rock will be measured in the same manner prescribed for crushed surfacing materials.

## **PAYMENT**

(WC GSP) 4-04.5

(WC GSP) 4-04.5.INST1

Section 4-04.5 is supplemented with the following:

MARCH 28, 2006 (WC GSP) 4-04.5

"Crushed 4" Minus", per ton.

## **DIVISION 5 SURFACE TREATMENTS AND PAVEMENTS**

(WSDOT GSP) DIVISION5.GR5

### **HOT MIX ASPHALT**

(WSDOT GSP) 5-04.GR5

## HOT MIX ASPHALT

MARCH 31, 2020 (WC GSP) 5-04

Delete Section 5-04 and amendments, Hot Mix Asphalt and replace it with the following:

### 5-04.1 Description

This Work shall consist of providing and placing one or more layers of plant-mixed hot mix asphalt (HMA) on a prepared foundation or base in accordance with these Specifications and the lines, grades, thicknesses, and typical cross-sections shown in the Plans. The manufacture of HMA may include warm mix asphalt (WMA) processes in accordance with these Specifications. WMA processes include organic additives, chemical additives, and foaming.

HMA shall be composed of asphalt binder and mineral materials as may be required, mixed in the proportions specified to provide a homogeneous, stable, and workable mixture.

### 5-04.2 Materials

Materials shall meet the requirements of the following sections:

Asphalt Binder	9-02.1(4)
Cationic Emulsified Asphalt	9-02.1(6)
Anti-Stripping Additive	9-02.4
HMA Additive	9-02.5
Aggregates	9-03.8
Recycled Asphalt Pavement	9-03.8(3)B
Mineral Filler	9-03.8(5)
Recycled Material	9-03.21
Portland Cement	9-01
Sand	9-03.1(2)
(As noted in 5-04.3(5)C for crack sealing)	
Joint Sealant	9-04.2
Foam Backer Rod	9-04.2(3)A

The Contract documents may establish that the various mineral materials required for the manufacture of HMA will be furnished in whole or in part by the Contracting Agency. If the documents do not establish the furnishing of any of these mineral materials by the Contracting Agency, the Contractor shall be required to furnish such materials in the amounts required for the designated mix. Mineral materials include coarse and fine aggregates, and mineral filler.

The Contractor may choose to utilize recycled asphalt pavement (RAP) in the production of HMA. The RAP may be from pavements removed under the Contract, if any, or pavement material from an existing stockpile.

The Contractor may use up to 20 percent RAP by total weight of HMA with no additional sampling or testing of the RAP. The RAP shall be sampled and tested at a frequency of one sample for every 1,000 tons produced and not less than ten samples per project. The asphalt content and gradation test data shall be reported to the Contracting Agency when submitting the mix design for approval on the QPL. The Contractor shall include the RAP as part of the mix design as defined in these Specifications.

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

The Contractor may only use warm mix asphalt (WMA) processes in the production of HMA with 20 percent or less RAP by total weight of HMA. The Contractor shall submit to the Engineer for approval the process that is proposed and how it will be used in the manufacture of HMA.

Production of aggregates shall comply with the requirements of Section 3-01. Preparation of stockpile site, the stockpiling of aggregates, and the removal of aggregates from stockpiles shall comply with the requirements of Section 3-02.

#### **5-04.2(1) How to Get an HMA Mix Design on the QPL**

If the contractor wishes to submit a mix design for inclusion in the Qualified Products List (QPL), please follow the WSDOT process outlined in Standard Specification 5-04.2(1).

#### **5-04.2(1)A Vacant**

#### **5-04.2(2) Mix Design – Obtaining Project Approval**

No paving shall begin prior to the approval of the mix design by the Engineer.

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

**Commercial** evaluation will 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. The Proposal quantity of HMA that is accepted by commercial evaluation will be excluded from the quantities used in the determination of nonstatistical evaluation.

**Nonstatistical Mix Design.** Fifteen days prior to the first day of paving the contractor shall provide one of the following mix design verification certifications for Contracting Agency review;

- The WSDOT Mix Design Evaluation Report from the current WSDOT QPL, or one of the mix design verification certifications listed below.
- The proposed HMA mix design on WSDOT Form 350-042 with the seal and certification (stamp & signature) of a valid licensed Washington State Professional Engineer.
- The Mix Design Report for the proposed HMA mix design developed by a qualified City or County laboratory that is within one year of the approval date.\*\*

The mix design shall 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: resource proficiency sample program.

Mix designs for HMA accepted by Nonstatistical evaluation shall;

- 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), except that Hamburg testing for ruts and stripping are at the discretion of the Engineer, and 9-03.8(6).
- Have anti-strip requirements, if any, for the proposed mix design determined in accordance with AASHTO T 283 or T 324, or based on historic anti-strip and aggregate source compatibility from previous WSDOT lab testing.

At the discretion of the Engineer, agencies may accept verified mix designs older than 12 months from the original verification date with a certification from the Contractor that the materials and sources are the same as those shown on the original mix design.

Commercial Evaluation Approval of a mix design for “Commercial Evaluation” will be based on a review of the Contractor’s submittal of WSDOT Form 350-042 (For commercial mixes, AASHTO T 324 evaluation is not required) or a Mix Design from the current WSDOT QPL or from one of the processes allowed by this section. Testing of the HMA by the Contracting Agency for mix design approval is not required.

For the Bid Item Commercial HMA, the Contractor shall select a class of HMA and design level of Equivalent Single Axle Loads (ESAL’s) appropriate for the required use.

**5-04.2(2)B Using Warm Mix Asphalt Processes**

The Contractor may elect to use additives that reduce the optimum mixing temperature or serve as a compaction aid for producing HMA. Additives include organic additives, chemical additives and foaming processes. The use of Additives is subject to the following:

- Do not use additives that reduce the mixing temperature more than allowed in Section 5-04.3(6) in the production of mixtures.
- Before using additives, obtain the Engineer’s approval using WSDOT Form 350-076 to describe the proposed additive and process.

**5-04.3 Construction Requirements**

**5-04.3(1) Weather Limitations**

Do not place HMA for wearing course on any Traveled Way beginning October 1st through March 31st of the following year without written concurrence from the Engineer.

Do not place HMA on any wet surface, or when the average surface temperatures are less than those specified below, or when weather conditions otherwise prevent the proper handling or finishing of the HMA.

**Minimum Surface Temperature for Paving**

Compacted Thickness (Feet)	Wearing Course	Other Courses
Less than 0.10	55°F	45°F

0.10 to .20	45°F	35°F
More than 0.20	35°F	35°F

**5-04.3(2) Paving Under Traffic**

When the Roadway being paved is open to traffic, the requirements of this Section shall apply.

The Contractor shall keep intersections open to traffic at all times except when paving the intersection or paving across the intersection. During such time, and provided that there has been an advance warning to the public, the intersection may be closed for the minimum time required to place and compact the mixture. In hot weather, the Engineer may require the application of water to the pavement to accelerate the finish rolling of the pavement and to shorten the time required before reopening to traffic.

Before closing an intersection, advance warning signs shall be placed and signs shall also be placed marking the detour or alternate route.

During paving operations, temporary pavement markings shall be maintained throughout the project. Temporary pavement markings shall be installed on the Roadway prior to opening to traffic. Temporary pavement markings shall be in accordance with Section 8-23.

All costs in connection with performing the Work in accordance with these requirements, except the cost of temporary pavement markings, shall be included in the unit Contract prices for the various Bid items involved in the Contract.

**5-04.3(3) Equipment**

**5-04.3(3)A Mixing Plant**

Plants used for the preparation of HMA shall conform to the following requirements:

1. **Equipment for Preparation of Asphalt Binder** – Tanks for the storage of asphalt binder shall be equipped to heat and hold the material at the required temperatures. The heating shall be accomplished by steam coils, electricity, or other approved means so that no flame shall be in contact with the storage tank. The circulating system for the asphalt binder shall be designed to ensure proper and continuous circulation during the operating period. A valve for the purpose of sampling the asphalt binder shall be placed in either the storage tank or in the supply line to the mixer.
2. **Thermometric Equipment** – An armored thermometer, capable of detecting temperature ranges expected in the HMA mix, shall be fixed in the asphalt binder feed line at a location near the charging valve at the mixer unit. The thermometer location shall be convenient and safe for access by Inspectors. The plant shall also be equipped with an approved dial-scale thermometer, a mercury actuated thermometer, an electric pyrometer, or another approved thermometric instrument placed at the discharge chute of the drier to automatically register or indicate the temperature of the heated aggregates. This device shall be in full view of the plant operator.

3. **Heating of Asphalt Binder** – The temperature of the asphalt binder shall not exceed the maximum recommended by the asphalt binder manufacturer nor shall it be below the minimum temperature required to maintain the asphalt binder in a homogeneous state. The asphalt binder shall be heated in a manner that will avoid local variations in heating. The heating method shall provide a continuous supply of asphalt binder to the mixer at a uniform average temperature with no individual variations exceeding 25°F. Also, when a WMA additive is included in the asphalt binder, the temperature of the asphalt binder shall not exceed the maximum recommended by the manufacturer of the WMA additive.
4. **Sampling and Testing of Mineral Materials** – The HMA plant shall be equipped with a mechanical sampler for the sampling of the mineral materials. The mechanical sampler shall meet the requirements of Section 1-05.6 for the crushing and screening operation. The Contractor shall provide for the setup and operation of the field testing facilities of the Contracting Agency as provided for in Section 3-01.2(2).
5. **Sampling HMA** – The HMA plant shall provide for sampling HMA by one of the following methods:
  - a. A mechanical sampling device attached to the HMA plant.
  - b. Platforms or devices to enable sampling from the hauling vehicle without entering the hauling vehicle.

#### **5-04.3(3)B Hauling Equipment**

Trucks used for hauling HMA shall have tight, clean, smooth metal beds and shall have a cover of canvas or other suitable material of sufficient size to protect the mixture from adverse weather. Whenever the weather conditions during the work shift include, or are forecast to include, precipitation or an air temperature less than 45°F or when time from loading to unloading exceeds 30 minutes, the cover shall be securely attached to protect the HMA.

The contractor shall provide an environmentally benign means to prevent the HMA mixture from adhering to the hauling equipment. Excess release agent shall be drained prior to filling hauling equipment with HMA. Petroleum derivatives or other coating material that contaminate or alter the characteristics of the HMA shall not be used. For live bed trucks, the conveyor shall be in operation during the process of applying the release agent.

#### **5-04.3(3)C Pavers**

HMA pavers shall be self-contained, power-propelled units, provided with an internally heated vibratory screed and shall be capable of spreading and finishing courses of HMA plant mix material in lane widths required by the paving section shown in the Plans.

The HMA paver shall be in good condition and shall have the most current equipment available from the manufacturer for the prevention of segregation of the HMA mixture installed, in good condition, and in working order. The equipment certification shall list the make, model, and year of the paver and any equipment that has been retrofitted.

The screed shall be operated in accordance with the manufacturer's recommendations and shall effectively produce a finished surface of the required evenness and texture without tearing, shoving, segregating, or gouging the mixture. A copy of the manufacturer's recommendations shall be provided upon request by the Contracting Agency. Extensions

will be allowed provided they produce the same results, including ride, density, and surface texture as obtained by the primary screed. Extensions without augers and an internally heated vibratory screed shall not be used in the Traveled Way.

When specified in the Contract, reference lines for vertical control will be required. Lines shall be placed on both outer edges of the Traveled Way of each Roadway. Horizontal control utilizing the reference line will be permitted. The grade and slope for intermediate lanes shall be controlled automatically from reference lines or by means of a mat referencing device and a slope control device. When the finish of the grade prepared for paving is superior to the established tolerances and when, in the opinion of the Engineer, further improvement to the line, grade, cross-section, and smoothness can best be achieved without the use of the reference line, a mat referencing device may be substituted for the reference line. Substitution of the device will be subject to the continued approval of the Engineer. A joint matcher may be used subject to the approval of the Engineer. The reference line may be removed after the completion of the first course of HMA when approved by the Engineer. Whenever the Engineer determines that any of these methods are failing to provide the necessary vertical control, the reference lines will be reinstalled by the Contractor.

The Contractor shall furnish and install all pins, brackets, tensioning devices, wire, and accessories necessary for satisfactory operation of the automatic control equipment.

If the paving machine in use is not providing the required finish, the Engineer may suspend Work as allowed by Section 1-08.6. Any cleaning or solvent type liquids spilled on the pavement shall be thoroughly removed before paving proceeds.

**5-04.3(3)D Material Transfer Device or Material Transfer Vehicle**

A Material Transfer Device/Vehicle (MTD/V) shall only be used with the Engineer's approval, unless other-wise required by the contract.

Where an MTD/V is required by the contract, the Engineer may approve paving without an MTD/V, at the request of the Contractor. The Engineer will determine if an equitable adjustment in cost or time is due.

When used, the MTD/V shall mix the HMA after delivery by the hauling equipment and prior to laydown by the paving machine. Mixing of the HMA shall be sufficient to obtain a uniform temperature throughout the mixture. If a windrow elevator is used, the length of the windrow may be limited in urban areas or through intersections, at the discretion of the Engineer.

To be approved for use, an MTV:

1. Shall be self-propelled vehicle, separate from the hauling vehicle or paver.
2. Shall not be connected to the hauling vehicle or paver.
3. May accept HMA directly from the haul vehicle or pick up HMA from a windrow.
4. Shall mix the HMA after delivery by the hauling equipment and prior to placement into the paving machine.
5. Shall mix the HMA sufficiently to obtain a uniform temperature throughout the mixture.

To be approved for use, an MTD:

1. Shall be positively connected to the paver.
2. May accept HMA directly from the haul vehicle or pick up HMA from a windrow.
3. Shall mix the HMA after delivery by the hauling equipment and prior to placement into the paving machine.
4. Shall mix the HMA sufficiently to obtain a uniform temperature throughout the mixture.

#### **5-04.3(3)E Rollers**

Rollers shall be of the steel wheel, vibratory, oscillatory, or pneumatic tire type, in good condition and capable of reversing without backlash. Operation of the roller shall be in accordance with the manufacturer's recommendations. When ordered by the Engineer for any roller planned for use on the project, the Contractor shall provide a copy of the manufacturer's recommendation for the use of that roller for compaction of HMA. The number and weight of rollers shall be sufficient to compact the mixture in compliance with the requirements of Section 5-04.3(10). The use of equipment that results in crushing of the aggregate will not be permitted. Rollers producing pickup, washboard, uneven compaction of the surface, displacement of the mixture or other undesirable results shall not be used.

#### **5-04.3(4) Preparation of Existing Paved Surfaces**

When the surface of the existing pavement or old base is irregular, the Contractor shall bring it to a uniform grade and cross-section as shown on the Plans or approved by the Engineer.

Preleveling of uneven or broken surfaces over which HMA is to be placed may be accomplished by using an asphalt paver, a motor patrol grader, or by hand raking, as approved by the Engineer.

Compaction of preleveling HMA shall be to the satisfaction of the Engineer and may require the use of small steel wheel rollers, plate compactors, or pneumatic rollers to avoid bridging across preleveled areas by the compaction equipment. Equipment used for the compaction of preleveling HMA shall be approved by the Engineer.

Before construction of HMA on an existing paved surface, the entire surface of the pavement shall be clean. All fatty asphalt patches, grease drippings, and other objectionable matter shall be entirely removed from the existing pavement. All pavements or bituminous surfaces shall be thoroughly cleaned of dust, soil, pavement grindings, and other foreign matter. All holes and small depressions shall be filled with an appropriate class of HMA. The surface of the patched area shall be leveled and compacted thoroughly. Prior to the application of tack coat, or paving, the condition of the surface shall be approved by the Engineer.

A tack coat of asphalt shall be applied to all paved surfaces on which any course of HMA is to be placed or abutted; except that tack coat may be omitted from clean, newly paved surfaces at the discretion of the Engineer. Tack coat shall be uniformly applied to cover the existing pavement with a thin film of residual asphalt free of streaks and bare spots at a rate between 0.02 and 0.10 gallons per square yard of retained asphalt. The rate of application shall be approved by the Engineer. A heavy application of tack coat shall be applied to all

joints. For Roadways open to traffic, the application of tack coat shall be limited to surfaces that will be paved during the same working shift. The spreading equipment shall be equipped with a thermometer to indicate the temperature of the tack coat material.

Equipment shall not operate on tacked surfaces until the tack has broken and cured. If the Contractor's operation damages the tack coat it shall be repaired prior to placement of the HMA.

The tack coat shall be CSS-1, or CSS-1h emulsified asphalt. The CSS-1 and CSS-1h emulsified asphalt may be diluted once with water at a rate not to exceed one part water to one part emulsified asphalt. The tack coat shall have sufficient temperature such that it may be applied uniformly at the specified rate of application and shall not exceed the maximum temperature recommended by the emulsified asphalt manufacturer.

#### **5-04.3(4)A Crack Sealing**

##### **5-04.3(4)A1 General**

When the Proposal includes a pay item for crack sealing, seal all cracks ¼ inch in width and greater.

**Cleaning:** Ensure that cracks are thoroughly clean, dry and free of all loose and foreign material when filling with crack sealant material. Use a hot compressed air lance to dry and warm the pavement surfaces within the crack immediately prior to filling a crack with the sealant material. Do not overheat pavement. Do not use direct flame dryers. Routing cracks is not required.

**Sand Slurry:** For cracks that are to be filled with sand slurry, thoroughly mix the components and pour the mixture into the cracks until full. Add additional CSS-1 cationic emulsified asphalt to the sand slurry as needed for workability to ensure the mixture will completely fill the cracks. Strike off the sand slurry flush with the existing pavement surface and allow the mixture to cure. Top off cracks that were not completely filled with additional sand slurry. Do not place the HMA overlay until the slurry has fully cured.

The sand slurry shall consist of approximately 20 percent CSS-1 emulsified asphalt, approximately 2 percent portland cement, water (if required), and the remainder clean Class 1 or 2 fine aggregate per section 9-03.1(2). The components shall be thoroughly mixed and then poured into the cracks and joints until full. The following day, any cracks or joints that are not completely filled shall be topped off with additional sand slurry. After the sand slurry is placed, the filler shall be struck off flush with the existing pavement surface and allowed to cure. The HMA overlay shall not be placed until the slurry has fully cured. The requirements of Section 1-06 will not apply to the portland cement and sand used in the sand slurry.

In areas where HMA will be placed, use sand slurry to fill the cracks.

In areas where HMA will not be placed, fill the cracks as follows:

1. Cracks ¼ inch to 1 inch in width - fill with hot poured sealant.
2. Cracks greater than 1 inch in width – fill with sand slurry.

**Hot Poured Sealant:** For cracks that are to be filled with hot poured sealant, apply the material in accordance with these requirements and the manufacturer's recommendations.

Furnish a Type 1 Working Drawing of the manufacturer's product information and recommendations to the Engineer prior to the start of work, including the manufacturer's recommended heating time and temperatures, allowable storage time and temperatures after initial heating, allowable reheating criteria, and application temperature range. Confine hot poured sealant material within the crack. Clean any overflow of sealant from the pavement surface. If, in the opinion of the Engineer, the Contractor's method of sealing the cracks with hot poured sealant results in an excessive amount of material on the pavement surface, stop and correct the operation to eliminate the excess material.

**5-04.3(4)A2 Crack Sealing Areas Prior to Paving**

In areas where HMA will be placed, use sand slurry to fill the cracks.

**5-04.3(4)A3 Crack Sealing Areas Not to be Paved**

In areas where HMA will not be placed, fill the cracks as follows:

- A. Cracks ¼ inch to 1 inch in width - fill with hot poured sealant.
- B. Cracks greater than 1 inch in width – fill with sand slurry.

**5-04.3(4)B Vacant**

**5-04.3(4)C Pavement Repair**

The Contractor shall excavate pavement repair areas and shall backfill these with HMA in accordance with the details shown in the Plans and as marked in the field. The Contractor shall conduct the excavation operations in a manner that will protect the pavement that is to remain. Pavement not designated to be removed that is damaged as a result of the Contractor's operations shall be repaired by the Contractor to the satisfaction of the Engineer at no cost to the Contracting Agency. The Contractor shall excavate only within one lane at a time unless approved otherwise by the Engineer. The Contractor shall not excavate more area than can be completely finished during the same shift, unless approved by the Engineer.

Unless otherwise shown in the Plans or determined by the Engineer, excavate to a depth of 1.0 feet. The Engineer will make the final determination of the excavation depth required. The minimum width of any pavement repair area shall be 40 inches unless shown otherwise in the Plans. Before any excavation, the existing pavement shall be sawcut or shall be removed by a pavement grinder. Excavated materials will become the property of the Contractor and shall be disposed of in a Contractor-provided site off the Right of Way or used in accordance with Sections 2-02.3(3) or 9-03.21.

Asphalt for tack coat shall be required as specified in Section 5-04.3(4). A heavy application of tack coat shall be applied to all surfaces of existing pavement in the pavement repair area.

Placement of the HMA backfill shall be accomplished in lifts not to exceed 0.35-foot compacted depth. Lifts that exceed 0.35-foot of compacted depth may be accomplished with the approval of the Engineer. Each lift shall be thoroughly compacted by a mechanical tamper or a roller.

**5-04.3(5) Producing/Stockpiling Aggregates and RAP**

Aggregates and RAP shall be stockpiled according to the requirements of Section 3-02. Sufficient storage space shall be provided for each size of aggregate and RAP. Materials

shall be removed from stockpile(s) in a manner to ensure minimal segregation when being moved to the HMA plant for processing into the final mixture. Different aggregate sizes shall be kept separated until they have been delivered to the HMA plant.

**5-04.3(5)A Vacant**

**5-04.3(6) Mixing**

After the required amount of mineral materials, asphalt binder, recycling agent and anti-stripping additives have been introduced into the mixer the HMA shall be mixed until complete and uniform coating of the particles and thorough distribution of the asphalt binder throughout the mineral materials is ensured.

When discharged, the temperature of the HMA shall not exceed the optimum mixing temperature by more than 25°F as shown on the reference mix design report or as approved by the Engineer. Also, when a WMA additive is included in the manufacture of HMA, the discharge temperature of the HMA shall not exceed the maximum recommended by the manufacturer of the WMA additive. A maximum water content of 2 percent in the mix, at discharge, will be allowed providing the water causes no problems with handling, stripping, or flushing. If the water in the HMA causes any of these problems, the moisture content shall be reduced as directed by the Engineer.

Storing or holding of the HMA in approved storage facilities will be permitted with approval of the Engineer, but in no event shall the HMA be held for more than 24 hours. HMA held for more than 24 hours after mixing shall be rejected. Rejected HMA shall be disposed of by the Contractor at no expense to the Contracting Agency. The storage facility shall have an accessible device located at the top of the cone or about the third point. The device shall indicate the amount of material in storage. No HMA shall be accepted from the storage facility when the HMA in storage is below the top of the cone of the storage facility, except as the storage facility is being emptied at the end of the working shift.

Recycled asphalt pavement (RAP) utilized in the production of HMA shall be sized prior to entering the mixer so that a uniform and thoroughly mixed HMA is produced. If there is evidence of the recycled asphalt pavement not breaking down during the heating and mixing of the HMA, the Contractor shall immediately suspend the use of the RAP until changes have been approved by the Engineer. After the required amount of mineral materials, RAP, new asphalt binder and asphalt rejuvenator have been introduced into the mixer the HMA shall be mixed until complete and uniform coating of the particles and thorough distribution of the asphalt binder throughout the mineral materials, and RAP is ensured.

**5-04.3(7) Spreading and Finishing**

The mixture shall be laid upon an approved surface, spread, and struck off to the grade and elevation established. HMA pavers complying with Section 5-04.3(3) shall be used to distribute the mixture. Unless otherwise directed by the Engineer, the nominal compacted depth of any layer of any course shall not exceed the following:

HMA Class 1"	0.35 feet
HMA Class ¾" and HMA Class ½"	
wearing course	0.30 feet
other courses	0.35 feet
HMA Class ⅜"	0.15 feet

On areas where irregularities or unavoidable obstacles make the use of mechanical spreading and finishing equipment impractical, the paving may be done with other equipment or by hand.

When more than one JMF is being utilized to produce HMA, the material produced for each JMF shall be placed by separate spreading and compacting equipment. The intermingling of HMA produced from more than one JMF is prohibited. Each strip of HMA placed during a work shift shall conform to a single JMF established for the class of HMA specified unless there is a need to make an adjustment in the JMF.

**5-04.3(8) Aggregate Acceptance Prior to Incorporation in HMA**

For HMA accepted by nonstatistical evaluation the aggregate properties of sand equivalent, uncompacted void content and fracture will be evaluated in accordance with Section 3-04. Sampling and testing of aggregates for HMA accepted by commercial evaluation will be at the option of the Engineer.

**5-04.3(9) HMA Mixture Acceptance**

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

Nonstatistical evaluation will be used for the acceptance of HMA unless Commercial Evaluation is specified.

Commercial evaluation will be used for Commercial HMA and for other classes of HMA in the following applications: sidewalks, road approaches, ditches, slopes, paths, trails, gores, prelevel, temporary pavement, and pavement repair. Other nonstructural applications of HMA accepted by commercial evaluation shall be as approved by the Engineer. Sampling and testing of HMA accepted by commercial evaluation will be at the option of the Engineer.

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 Engineer and may be made in accordance with this section.

**HMA Tolerances and Adjustments**

1. **Job Mix Formula Tolerances** – The constituents of the mixture at the time of acceptance shall be within tolerance. The tolerance limits will be established as follows:

For Asphalt Binder and Air Voids (Va), the acceptance limits are determined by adding the tolerances below to the approved JMF values. These values will also be the Upper Specification Limit (USL) and Lower Specification Limit (LSL) required in Section 1-06.2(2)D2

Property	Non-Statistical Evaluation	Commercial Evaluation
Asphalt Binder	+/- 0.5%	+/- 0.7%
Air Voids, Va	2.5% min. and 5.5% max	N/A

For Aggregates in the mixture:

- a. First, determine preliminary upper and lower acceptance limits by applying the following tolerances to the approved JMF.

Aggregate Passing	Percent	Non-Statistical Evaluation	Commercial Evaluation
1", ¾", ½", and 3/8" sieves		+/- 6%	+/- 8%
No. 4 sieve		+/-6%	+/- 8%
No. 8 Sieve		+/- 6%	+/-8%
No. 200 sieve		+/- 2.0%	+/- 3.0%

- b. Second, adjust the preliminary upper and lower acceptance limits determined from step (a) the minimum amount necessary so that none of the aggregate properties are outside the control points in Section 9-03.8(6). The resulting values will be the upper and lower acceptance limits for aggregates, as well as the USL and LSL required in Section 1-06.2(2)D2.
2. Job Mix Formula Adjustments – An adjustment to the aggregate gradation or asphalt binder content of the JMF requires approval of the Engineer. Adjustments to the JMF will only be considered if the change produces material of equal or better quality and may require the development of a new mix design if the adjustment exceeds the amounts listed below.
- a. **Aggregates** –2 percent for the aggregate passing the 1½", 1", ¾", ½", ⅜", and the No. 4 sieves, 1 percent for aggregate passing the No. 8 sieve, and 0.5 percent for the aggregate passing the No. 200 sieve. The adjusted JMF shall be within the range of the control points in Section 9-03.8(6).
- b. **Asphalt Binder Content** – The Engineer may order or approve changes to asphalt binder content. The maximum adjustment from the approved mix design for the asphalt binder content shall be 0.3 percent

#### 5-04.3(9)A Vacant

#### 5-04.3(9)B Vacant

#### 5-04.3(9)C Mixture Acceptance – Nonstatistical Evaluation

HMA mixture which is accepted by Nonstatistical Evaluation will be evaluated by the Contracting Agency by dividing the HMA tonnage into lots.

#### 5-04.3(9)C1 Mixture Nonstatistical Evaluation – Lots and Sublots

A lot is represented by randomly selected samples of the same mix design that will be tested for acceptance. A lot is defined as the total quantity of material or work produced for each Job Mix Formula placed. Only one lot per JMF is expected. A subplot shall be equal to one day's production or 800 tons, whichever is less except that the final subplot will be a minimum of 400 tons and may be increased to 1200 tons.

All of the test results obtained from the acceptance samples from a given lot shall be evaluated collectively. If the Contractor requests a change to the JMF that is approved, the material produced after the change will be evaluated on the basis of the new JMF for the remaining sublots in the current lot and for acceptance of subsequent lots. For a lot in progress with a CPF less than 0.75, a new lot will begin at the Contractor's request after the Engineer is satisfied that material conforming to the Specifications can be produced.

Sampling and testing for evaluation shall be performed on the frequency of one sample per subplot.

**5-04.3(9)C2 Mixture Nonstatistical Evaluation Sampling**

Samples for acceptance testing shall be obtained by the Contractor when ordered by the Engineer. The Contractor shall sample the HMA mixture in the presence of the Engineer and in accordance with AASH-TO T 168. A minimum of three samples should be taken for each class of HMA placed on a project. If used in a structural application, at least one of the three samples shall to be tested.

Sampling and testing HMA in a Structural application where quantities are 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. In all cases, a minimum of 3 samples will be obtained at the point of acceptance, a minimum of one of the three samples will be tested for conformance to the JMF:

- If the test results are found to be within specification requirements, additional testing will be at the Engineer’s discretion.
- If test results are found not to be within specification requirements, additional testing of the remaining samples to determine a Composite Pay Factor (CPF) shall be performed.

**5-04.3(9)C3 Mixture Nonstatistical Evaluation – Acceptance Testing**

Testing of HMA for compliance of  $V_a$  will at the option of the Contracting Agency. If tested, compliance of  $V_a$  will use WSDOT 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 FOP for WAQTC T 27/T 11.

**5-04.3(9)C4 Mixture Nonstatistical Evaluation – Pay Factors**

For each lot of material falling outside the tolerance limits in 5-04.3(9), the Contracting Agency will determine a Composite Pay Factor (CPF) using the following price adjustment factors:

Table of Price Adjustment Factors	
Constituent	Factor “F”
All aggregate passing: 1½", 1", ¾", ½", ⅜" and No.4 sieves	2
All aggregate passing No. 8 sieve	15
All aggregate passing No. 200 sieve	20
Asphalt binder	40
Air Voids ( $V_a$ ) (where applicable)	20

Each lot of HMA produced under Nonstatistical Evaluation and having all constituents falling within the tolerance limits of the job mix formula shall be accepted at the unit Contract price

with no further evaluation. When one or more constituents fall outside the nonstatistical tolerance limits in the Job Mix Formula shown in Table of Price Adjustment Factors, the lot shall be evaluated in accordance with Section 1-06.2 to determine the appropriate CPF. The nonstatistical tolerance limits will be used in the calculation of the CPF and the maximum CPF shall be 1.00. When less than three sublots exist, backup samples of the existing sublots or samples from the Roadway shall be tested to provide a minimum of three sets of results for evaluation.

#### **5-04.3(9)C5 Vacant**

#### **5-04.3(9)C6 Mixture Nonstatistical Evaluation – Price Adjustments**

For each lot of HMA mix produced under Nonstatistical Evaluation when the calculated CPF is less than 1.00, a Nonconforming Mix Factor (NCMF) will be determined. The NCMF equals the algebraic difference of CPF minus 1.00 multiplied by 60 percent. The total job mix compliance price adjustment will be calculated as the product of the NCMF, the quantity of HMA in the lot in tons, and the unit Contract price per ton of mix.

If a constituent is not measured in accordance with these Specifications, its individual pay factor will be considered 1.00 in calculating the Composite Pay Factor (CPF).

#### **5-04.3(9)C7 Mixture Nonstatistical Evaluation - Retests**

The Contractor may request a subplot be retested. To request a retest, the Contractor shall submit a written request within 7 calendar days after the specific test results have been received. A split of the original acceptance sample will be retested. The split of the sample will not be tested with the same tester that ran the original acceptance test. The sample will be tested for a complete gradation analysis, asphalt binder content, and, at the option of the agency,  $V_a$ . The results of the retest will be used for the acceptance of the HMA in place of the original subplot sample test results. The cost of testing will be deducted from any monies due or that may come due the Contractor under the Contract at the rate of \$500 per sample.

#### **5-04.3 (9)D Mixture Acceptance – Commercial Evaluation**

If sampled and tested, HMA produced under Commercial Evaluation and having all constituents falling within the tolerance limits of the job mix formula shall be accepted at the unit Contract price with no further evaluation. When one or more constituents fall outside the commercial tolerance limits in the Job Mix Formula shown in 5-04.3(9), the lot shall be evaluated in accordance with Section 1-06.2 to determine the appropriate CPF. The commercial tolerance limits will be used in the calculation of the CPF and the maximum CPF shall be 1.00. When less than three sublots exist, backup samples of the existing sublots or samples from the street shall be tested to provide a minimum of three sets of results for evaluation.

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

If a constituent is not measured in accordance with these Specifications, its individual pay factor will be considered 1.00 in calculating the Composite Pay Factor (CPF).

#### **5-04.3(10) HMA Compaction Acceptance**

HMA mixture accepted by commercial evaluation or nonstatistical evaluation that is used in traffic lanes, including lanes for intersections, 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 LSL of 92.0 (minimum of 92 percent of the maximum density). The maximum density shall be determined by WSDOT FOP for AASHTO T 729. The specified level of density attained will be determined by the evaluation of the density of the pavement. The density of the pavement shall be determined in accordance with WSDOT FOP for WAQTC TM 8, except that gauge correlation will be at the discretion of the Engineer, when using the nuclear density gauge and WSDOT SOP 736 when using cores to determine density.

Tests for the determination of the pavement density will be taken in accordance with 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 and prior to opening to traffic.

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 minimum, unless otherwise 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.

For a lot in progress with a CPF less than 0.75, a new lot will begin at the Contractor's request after the Engineer is satisfied that material conforming to the Specifications can be produced.

HMA constructed under conditions other than those listed above shall be compacted on the basis of a test point evaluation of the compaction train. The test point evaluation shall be performed in accordance with instructions from the Engineer. The number of passes with an approved compaction train, required to attain the maximum test point density, shall be used on all subsequent paving.

HMA for preleveling shall be thoroughly compacted. HMA that is used for preleveling wheel rutting shall be compacted with a pneumatic tire roller unless otherwise approved by the Engineer.

#### **Test Results**

For a subplot that has been tested with a nuclear density gauge that did not meet the minimum of 92 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. The relative density of the core will replace the relative density determined by the nuclear density gauge

for the subplot and will be used for calculation of the CPF and acceptance of HMA compaction lot.

When cores are taken by the Contracting Agency at the request of the Contractor, they shall be requested by noon of the next workday after the test results for the subplot have been provided or made available to the Contractor. Core locations shall be outside of wheel paths and as determined by the Engineer. Traffic control shall be provided by the Contractor as requested by the Engineer. Failure by the Contractor to provide the requested traffic control will result in forfeiture of the request for cores. When the CPF for the lot based on the results of the HMA cores is less than 1.00, the cost for the coring will be deducted from any monies due or that may become due the Contractor under the Contract at the rate of \$200 per core and the Contractor shall pay for the cost of the traffic control.

#### **5-04.3(10)A HMA Compaction – General Compaction Requirements**

Compaction shall take place when the mixture is in the proper condition so that no undue displacement, cracking, or shoving occurs. Areas inaccessible to large compaction equipment shall be compacted by other mechanical means. Any HMA that becomes loose, broken, contaminated, shows an excess or deficiency of asphalt, or is in any way defective, shall be removed and replaced with new hot mix that shall be immediately compacted to conform to the surrounding area.

The type of rollers to be used and their relative position in the compaction sequence shall generally be the Contractor's option, provided the specified densities are attained. Unless the Engineer has approved otherwise, rollers shall only be operated in the static mode when the internal temperature of the mix is less than 175°F. Regardless of mix temperature, a roller shall not be operated in a mode that results in checking or cracking of the mat. Rollers shall only be operated in static mode on bridge decks.

#### **5-04.3(10)B HMA Compaction – Cyclic Density**

Low cyclic density areas are defined as spots or streaks in the pavement that are less than 90 percent of the theoretical maximum density. At the Engineer's discretion, the Engineer may evaluate the HMA pavement for low cyclic density, and when doing so will follow WSDOT SOP 733. A \$500 Cyclic Density Price Adjustment will be assessed for any 500-foot section with two or more density readings below 90 percent of the theoretical maximum density.

#### **5-04.3(10)C Vacant**

#### **5-04.3(10)D HMA Nonstatistical Compaction**

##### **5-04.3(10)D1 HMA Nonstatistical Compaction – Lots and Sublots**

HMA compaction which is accepted by commercial evaluation or nonstatistical evaluation will be based on acceptance testing performed by the Contracting Agency dividing the project into compaction lots.

A lot is represented by randomly selected samples of the same mix design that will be tested for acceptance. A lot is defined as the total quantity of material or work produced for each Job Mix Formula placed. Only one lot per JMF is expected. A subplot shall be equal to one day's production or 400 tons, whichever is less except that the final subplot will be a minimum of 200 tons and may be increased to 800 tons. Testing for compaction will be at the rate of 5 tests per subplot per WSDOT T 738.

The subplot locations within each density lot will be determined by the Engineer. For a lot in progress with a CPF less than 0.75, a new lot will begin at the Contractor's request after the Engineer is satisfied that material conforming to the Specifications can be produced.

HMA constructed under conditions other than those listed above shall be compacted on the basis of a test point evaluation of the compaction train. The test point evaluation shall be performed in accordance with instructions from the Engineer. The number of passes with an approved compaction train, required to attain the maximum test point density, shall be used on all subsequent paving.

AUGUST 3, 2009 (WSDOT GSP) 5-04.3(10)D.OPT1.GR5

HMA for preleveling shall be thoroughly compacted. HMA that is used for preleveling shall be compacted with a pneumatic tire roller unless otherwise approved by the Engineer.

#### **5-04.3(10)D2 HMA Compaction Nonstatistical Evaluation – Acceptance Testing**

The location of the HMA compaction acceptance tests will be randomly selected by the Engineer from within each subplot, with one test per subplot.

#### **5-04.3(10)D3 HMA Nonstatistical Compaction – Price Adjustments**

For each compaction lot with one or two sublots, having all sublots attain a relative density that is 92 percent of the reference maximum density the HMA shall be accepted at the unit Contract price with no further evaluation. When a subplot does not attain a relative density that is 92 percent of the reference maximum density, the lot shall be evaluated in accordance with Section 1-06.2 to determine the appropriate CPF. The maximum CPF shall be 1.00, however, lots with a calculated CPF in excess of 1.00 will be used to offset lots with CPF values below 1.00 but greater than 0.90. Lots with CPF lower than 0.90 will be evaluated for compliance per 5-04.3(11). Additional testing by either a nuclear moisture-density gauge or cores will be completed as required to provide a minimum of three tests for evaluation.

For compaction below the required 92% a Non-Conforming 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 CPF, the quantity of HMA in the compaction control lot in tons, and the unit Contract price per ton of mix.

#### **5-04.3(11) Reject Work**

##### **5-04.3(11)A Reject Work General**

Work that is defective or does not conform to Contract requirements shall be rejected. The Contractor may propose, in writing, alternatives to removal and replacement of rejected material. Acceptability of such alternative proposals will be determined at the sole discretion of the Engineer. HMA that has been rejected is subject to the requirements in Section 1-06.2(2) and this specification, and the Contractor shall submit a corrective action proposal to the Engineer for approval.

##### **5-04.3(11)B Rejection by Contractor**

The Contractor may, prior to sampling, elect to remove any defective material and replace it with new material. Any such new material will be sampled, tested, and evaluated for acceptance.

#### **5-04.3(11)C Rejection Without Testing (Mixture or Compaction)**

The Engineer may, without sampling, reject any batch, load, or section of Roadway that appears defective. Material rejected before placement shall not be incorporated into the pavement. Any rejected section of Roadway shall be removed.

No payment will be made for the rejected materials or the removal of the materials unless the Contractor requests that the rejected material be tested. If the Contractor elects to have the rejected material tested, a minimum of three representative samples will be obtained and tested. Acceptance of rejected material will be based on conformance with the nonstatistical acceptance Specification. If the CPF for the rejected material is less than 0.75, no payment will be made for the rejected material; in addition, the cost of sampling and testing shall be borne by the Contractor. If the CPF is greater than or equal to 0.75, the cost of sampling and testing will be borne by the Contracting Agency. If the material is rejected before placement and the CPF is greater than or equal to 0.75, compensation for the rejected material will be at a CPF of 0.75. If rejection occurs after placement and the CPF is greater than or equal to 0.75, compensation for the rejected material will be at the calculated CPF with an addition of 25 percent of the unit Contract price added for the cost of removal and disposal.

#### **5-04.3(11)D Rejection - A Partial Sublot**

In addition to the random acceptance sampling and testing, the Engineer may also isolate from a normal sublot any material that is suspected of being defective in relative density, gradation or asphalt binder content. Such isolated material will not include an original sample location. A minimum of three random samples of the suspect material will be obtained and tested. The material will then be statistically evaluated as an independent lot in accordance with Section 1-06.2(2).

#### **5-04.3(11)E Rejection - An Entire Sublot**

An entire sublot that is suspected of being defective may be rejected. When a sublot is rejected a minimum of two additional random samples from this sublot will be obtained. These additional samples and the original sublot will be evaluated as an independent lot in accordance with Section 1-06.2(2).

#### **5-04.3(11)F Rejection - A Lot in Progress**

The Contractor shall shut down operations and shall not resume HMA placement until such time as the Engineer is satisfied that material conforming to the Specifications can be produced:

1. When the Composite Pay Factor (CPF) of a lot in progress drops below 1.00 and the Contractor is taking no corrective action, or
2. When the Pay Factor (PF) for any constituent of a lot in progress drops below 0.95 and the Contractor is taking no corrective action, or
3. When either the PFi for any constituent or the CPF of a lot in progress is less than 0.75.

#### **5-04.3(11)G Rejection - An Entire Lot (Mixture or Compaction)**

An entire lot with a CPF of less than 0.75 will be rejected.

#### **5-04.3(12) Joints**

### **5-04.3(12)A HMA Joints**

#### **5-04.3(12)A1 Transverse Joints**

The Contractor shall conduct operations such that the placing of the top or wearing course is a continuous operation or as close to continuous as possible. Unscheduled transverse joints will be allowed and the roller may pass over the unprotected end of the freshly laid mixture only when the placement of the course must be discontinued for such a length of time that the mixture will cool below compaction temperature. When the Work is resumed, the previously compacted mixture shall be cut back to produce a slightly beveled edge for the full thickness of the course.

A temporary wedge of HMA constructed on a 20H:1V shall be constructed where a transverse joint as a result of paving or planing is open to traffic. The HMA in the temporary wedge shall be separated from the permanent HMA by strips of heavy wrapping paper or other methods approved by the Engineer. The wrapping paper shall be removed and the joint trimmed to a slightly beveled edge for the full thickness of the course prior to resumption of paving.

The material that is cut away shall be wasted and new mix shall be laid against the cut. Rollers or tamping irons shall be used to seal the joint.

#### **5-04.3(12)A2 Longitudinal Joints**

The longitudinal joint in any one course shall be offset from the course immediately below by not more than 6 inches nor less than 2 inches. All longitudinal joints constructed in the wearing course shall be located at a lane line or an edge line of the Traveled Way. A notched wedge joint shall be constructed along all longitudinal joints in the wearing surface of new HMA unless otherwise approved by the Engineer. The notched wedge joint shall have a vertical edge of not less than the maximum aggregate size or more than  $\frac{1}{2}$  of the compacted lift thickness and then taper down on a slope not steeper than 4H:1V. The sloped portion of the HMA notched wedge joint shall be uniformly compacted.

### **5-04.3(12)B Bridge Paving Joint Seals**

#### **5-04.3(12)B1 HMA Sawcut and Seal**

Prior to placing HMA on the bridge deck, establish sawcut alignment points at both ends of the bridge paving joint seals to be placed at the bridge ends, and at interior joints within the bridge deck when and where shown in the Plans. Establish the sawcut alignment points in a manner that they remain functional for use in aligning the sawcut after placing the overlay.

Submit a Type 1 Working Drawing consisting of the sealant manufacturer's application procedure.

Construct the bridge paving joint seal as specified on the Plans and in accordance with the detail shown in the Standard Plans. Construct the sawcut in accordance with the detail shown in the Standard Plan. Construct the sawcut in accordance with Section 5-05.3(8)B and the manufacturer's application procedure.

#### **5-04.3(12)B2 Paved Panel Joint Seal**

Construct the paved panel joint seal in accordance with the requirements specified in section 5-04.3(12)B1 and the following requirement:

1. Clean and seal the existing joint between concrete panels in accordance with Section 5-01.3(8) and the details shown in the Standard Plans.

#### **5-04.3(13) Surface Smoothness**

The completed surface of all courses shall be of uniform texture, smooth, uniform as to crown and grade, and free from defects of all kinds. The completed surface of the wearing course shall not vary more than  $\frac{1}{8}$  inch from the lower edge of a 10-foot straightedge placed on the surface parallel to the centerline. The transverse slope of the completed surface of the wearing course shall vary not more than  $\frac{1}{4}$  inch in 10 feet from the rate of transverse slope shown in the Plans.

When deviations in excess of the above tolerances are found that result from a high place in the HMA, the pavement surface shall be corrected by one of the following methods:

1. Removal of material from high places by grinding with an approved grinding machine, or
2. Removal and replacement of the wearing course of HMA, or
3. By other method approved by the Engineer.

Correction of defects shall be carried out until there are no deviations anywhere greater than the allowable tolerances.

Deviations in excess of the above tolerances that result from a low place in the HMA and deviations resulting from a high place where corrective action, in the opinion of the Engineer, will not produce satisfactory results will be accepted with a price adjustment. The Engineer shall deduct from monies due or that may become due to the Contractor the sum of \$500.00 for each and every section of single traffic lane 100 feet in length in which any excessive deviations described above are found.

When utility appurtenances such as manhole covers and valve boxes are located in the traveled way, the utility appurtenances shall be adjusted to the finished grade prior to paving. This requirement may be waived when requested by the Contractor, at the discretion of the Engineer or when the adjustment details provided in the project plan or specifications call for utility appurtenance adjustments after the completion of paving.

Utility appurtenance adjustment discussions will be included in the Pre-Paving planning (5-04.3(14)B3). Submit a written request to waive this requirement to the Engineer prior to the start of paving.

#### **5-04.3(14) Planing (Milling) Bituminous Pavement**

The planning plan must be approved by the Engineer and a pre planning meeting must be held prior to the start of any planing. See Section 5-04.3(14)B2 for information on planning submittals.

Locations of existing surfacing to be planed are as shown in the Drawings.

Where planing an existing pavement is specified in the Contract, the Contractor must remove existing surfacing material and to reshape the surface to remove irregularities. The finished product must be a prepared surface acceptable for receiving an HMA overlay.

Use the cold milling method for planing unless otherwise specified in the Contract. Do not use the planer on the final wearing course of new HMA.

Conduct planing operations in a manner that does not tear, break, burn, or otherwise damage the surface which is to remain. The finished planed surface must be slightly grooved or roughened and must be free from gouges, deep grooves, ridges, or other imperfections. The Contractor must repair any damage to the surface by the Contractor's planing equipment, using an Engineer approved method.

Repair or replace any metal castings and other surface improvements damaged by planing, as determined by the Engineer.

A tapered wedge cut must be planed longitudinally along curb lines sufficient to provide a minimum of 4 inches of curb reveal after placement and compaction of the final wearing course. The dimensions of the wedge must be as shown on the Drawings or as specified by the Engineer.

A tapered wedge cut must also be made at transitions to adjoining pavement surfaces (meet lines) where butt joints are shown on the Drawings. Cut butt joints in a straight line with vertical faces 2 inches or more in height, producing a smooth transition to the existing adjoining pavement.

After planing is complete, planed surfaces must be swept, cleaned, and if required by the Contract, patched and preleveled.

The Engineer may direct additional depth planing. Before performing this additional depth planing, the Contractor must conduct a hidden metal in pavement detection survey as specified in Section 5-04.3(14)A.

#### **5-04.3(14)A Pre-Planing Metal Detection Check**

Before starting planing of pavements, and before any additional depth planing required by the Engineer, the Contractor must conduct a physical survey of existing pavement to be planed with equipment that can identify hidden metal objects.

Should such metal be identified, promptly notify the Engineer.

See Section 1-07.16(1) regarding the protection of survey monumentation that may be hidden in pavement.

The Contractor is solely responsible for any damage to equipment resulting from the Contractor's failure to conduct a pre-planing metal detection survey, or from the Contractor's failure to notify the Engineer of any hidden metal that is detected.

#### **5-04.3(14)B Paving and Planing Under Traffic**

##### **5-04.3(14)B1 General**

In addition the requirements of Section 1-07.23 and the traffic controls required in Section 1-10, and unless the Contract specifies otherwise or the Engineer approves, the Contractor must comply with the following:

1. Intersections:

- a. Keep intersections open to traffic at all times, except when paving or planing operations through an intersection requires closure. Such closure must be kept to the minimum time required to place and compact the HMA mixture, or plane as appropriate. For paving, schedule such closure to individual lanes or portions thereof that allows the traffic volumes and schedule of traffic volumes required in the approved traffic control plan. Schedule work so that adjacent intersections are not impacted at the same time and comply with the traffic control restrictions required by the Traffic Engineer. Each individual intersection closure or partial closure, must be addressed in the traffic control plan, which must be submitted to and accepted by the Engineer, see Section 1-10.2(2).
  - b. When planing or paving and related construction must occur in an intersection, consider scheduling and sequencing such work into quarters of the intersection, or half or more of an intersection with side street detours. Be prepared to sequence the work to individual lanes or portions thereof.
  - c. Should closure of the intersection in its entirety be necessary, and no trolley service is impacted, keep such closure to the minimum time required to place and compact the HMA mixture, plane, remove asphalt, tack coat, and as needed.
  - d. Any work in an intersection requires advance warning in both signage and a number of Working Days advance notice as determined by the Engineer, to alert traffic and emergency services of the intersection closure or partial closure.
  - e. Allow new compacted HMA asphalt to cool to ambient temperature before any traffic is allowed on it. Traffic is not allowed on newly placed asphalt until approval has been obtained from the Engineer.
2. Temporary centerline marking, post-paving temporary marking, temporary stop bars, and maintaining temporary pavement marking must comply with Section 8-23.
  3. Permanent pavement marking must comply with Section 8-22.

**5-04.3(14)B2 Submittals – Planing Plan and HMA Paving Plan**

The Contractor must submit a separate planing plan and a separate paving plan to the Engineer at least 5 Working Days in advance of each operation's activity start date. These plans must show how the moving operation and traffic control are coordinated, as they will be discussed at the pre-planing briefing and pre-paving briefing. When requested by the Engineer, the Contractor must provide each operation's traffic control plan on 24 x 36 inch or larger size Shop Drawings with a scale showing both the area of operation and sufficient detail of traffic beyond the area of operation where detour traffic may be required. The scale on the Shop Drawings is 1 inch = 20 feet, which may be changed if the Engineer agrees sufficient detail is shown.

The planing operation and the paving operation include, but are not limited to, metal detection, removal of asphalt and temporary asphalt of any kind, tack coat and drying, staging of supply trucks, paving trains, rolling, scheduling, and as may be discussed at the briefing.

When intersections will be partially or totally blocked, provide adequately sized and noticeable signage alerting traffic of closures to come, a minimum 2 Working Days in

advance. The traffic control plan must show where police officers will be stationed when signalization is or may be, countermanded, and show areas where flaggers are proposed.

At a minimum, the planing and the paving plan must include:

1. A copy of the accepted traffic control plan, see Section 1-10.2(2), detailing each day's traffic control as it relates to the specific requirements of that day's planing and paving. Briefly describe the sequencing of traffic control consistent with the proposed planing and paving sequence, and scheduling of placement of temporary pavement markings and channelizing devices after each day's planing, and paving.
2. A copy of each intersection's traffic control plan.
3. Haul routes from Supplier facilities, and locations of temporary parking and staging areas, including return routes. Describe the complete round trip as it relates to the sequencing of paving operations.
4. Names and locations of HMA Supplier facilities to be used.
5. List of all equipment to be used for paving.
6. List of personnel and associated job classification assigned to each piece of paving equipment.
7. Description (geometric or narrative) of the scheduled sequence of planing and of paving, and intended area of planing and of paving for each day's work, must include the directions of proposed planing and of proposed paving, sequence of adjacent lane paving, sequence of skipped lane paving, intersection planing and paving scheduling and sequencing, and proposed notifications and coordinations to be timely made. The plan must show HMA joints relative to the final pavement marking lane lines.
8. Names, job titles, and contact information for field, office, and plant supervisory personnel.
9. A copy of the approved Mix Designs.
10. Tonnage of HMA to be placed each day.
11. Approximate times and days for starting and ending daily operations.

#### **5-04.3(14)B3 Pre-Paving and Pre-Planing Briefing**

At least 2 Working Days before the first paving operation and the first planing operation, or as scheduled by the Engineer for future paving and planing operations to ensure the Contractor has adequately prepared for notifying and coordinating as required in the Contract, the Contractor must be prepared to discuss that day's operations as they relate to other entities and to public safety and convenience, including driveway and business access, garbage truck operations, Metro transit operations and working around energized overhead wires, school and nursing home and hospital and other accesses, other contractors who may be operating in the area, pedestrian and bicycle traffic, and emergency services. The Contractor, and Subcontractors that may be part of that day's operations, must meet with the Engineer and discuss the proposed operation as it relates to the

submitted planing plan and paving plan, approved traffic control plan, and public convenience and safety. Such discussion includes, but is not limited to:

1. General for both Paving Plan and for Planing Plan:
  - a. The actual times of starting and ending daily operations.
  - b. In intersections, how to break up the intersection, and address traffic control and signalization for that operation, including use of peace officers.
  - c. The sequencing and scheduling of paving operations and of planing operations, as applicable, as it relates to traffic control, to public convenience and safety, and to other contractors who may operate in the Project Site.
  - d. Notifications required of Contractor activities, and coordinating with other entities and the public as necessary.
  - e. Description of the sequencing of installation and types of temporary pavement markings as it relates to planning and to paving.
  - f. Description of the sequencing of installation of, and the removal of, temporary pavement patch material around exposed castings and as may be needed
  - g. Description of procedures and equipment to identify hidden metal in the pavement, such as survey monumentation, monitoring wells, street car rail, and castings, before planning, see Section 5-04.3(14)B2.
  - h. Description of how flaggers will be coordinated with the planing, paving, and related operations.
  - i. Description of sequencing of traffic controls for the process of rigid pavement base repairs.
  - j. Other items the Engineer deems necessary to address.
2. Paving – additional topics:
  - a. When to start applying tack and coordinating with paving.
  - b. Types of equipment and numbers of each type equipment to be used. If more pieces of equipment than personnel are proposed, describe the sequencing of the personnel operating the types of equipment. Discuss the continuance of operator personnel for each type equipment as it relates to meeting Specification requirements.
  - c. Number of JMFs to be placed, and if more than one JMF how the Contractor will ensure different JMFs are distinguished, how pavers and MTVs are distinguished if more than one JMF is being placed at the time, and how pavers and MTVs are cleaned so that one JMF does not adversely influence the other JMF.
  - d. Description of contingency plans for that day's operations such as equipment breakdown, rain out, and Supplier shutdown of operations.

- e. Number of sublots to be placed, sequencing of density testing, and other sampling and testing.

#### **5-04.3(15) Sealing Pavement Surfaces**

Apply a fog seal where shown in the plans. Construct the fog seal in accordance with Section 5-02.3. Unless otherwise approved by the Engineer, apply the fog seal prior to opening to traffic.

#### **5-04.3(16) HMA Road Approaches**

HMA approaches shall be constructed at the locations shown in the Plans or where staked by the Engineer. The Work shall be performed in accordance with Section 5-04.

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

HMA Cl. \_\_\_ PG \_\_\_, HMA for \_\_\_ Cl. \_\_\_ PG \_\_\_, and Commercial HMA will be measured by the ton in accordance with Section 1-09.2, with no deduction being made for the weight of asphalt binder, mineral filler, or any other component of the mixture. If the Contractor elects to remove and replace mix as allowed by Section 5-04.3(11), the material removed will not be measured.

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

Preparation of untreated roadway will be measured by the mile once along the centerline of the main line Roadway. No additional measurement will be made for ramps, Auxiliary Lanes, service roads, Frontage Roads, or Shoulders. Measurement will be to the nearest 0.01 mile.

Soil residual herbicide will be measured by the mile for the stated width to the nearest 0.01 mile or by the square yard, whichever is designated in the Proposal.

Pavement repair excavation will be measured by the square yard of surface marked prior to excavation.

Asphalt for prime coat will be measured by the ton in accordance with Section 1-09.2.

Prime coat aggregate will be measured by the cubic yard, truck measure, or by the ton, whichever is designated in the Proposal.

Asphalt for fog seal will be measured by the ton, as provided in Section 5-02.4.

Longitudinal joint seals between the HMA and cement concrete pavement will be measured by the linear foot along the line and slope of the completed joint seal.

Planing bituminous pavement will be measured by the square yard.

Temporary pavement marking will be measured by the linear foot as provided in Section 8-23.4.

Water will be measured by the M gallon as provided in Section 2-07.4.

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

Payment will be made for each of the following Bid items that are included in the Proposal:

“HMA Cl. \_\_\_ PG \_\_\_”, per ton.

“HMA for Approach Cl. \_\_\_ PG \_\_\_”, per ton.

“HMA for Preleveling Cl. \_\_\_ PG \_\_\_”, per ton.

“HMA for Pavement Repair Cl. \_\_\_ PG \_\_\_”, per ton.

“Commercial HMA”, per ton.

The unit Contract price per ton for “HMA Cl. \_\_\_ PG \_\_\_”, “HMA for Approach Cl. \_\_\_ PG \_\_\_”, “HMA for Preleveling Cl. \_\_\_ PG \_\_\_”, “HMA for Pavement Repair Cl. \_\_\_ PG \_\_\_”, and “Commercial HMA” shall be full compensation for all costs, including anti-stripping additive, incurred to carry out the requirements of Section 5-04 except for those costs included in other items which are included in this Subsection and which are included in the Proposal.

“Preparation of Untreated Roadway”, per mile.

The unit Contract price per mile for “Preparation of Untreated Roadway” shall be full pay for all Work described under 5-04.3(4) , with the exception, however, that all costs involved in patching the Roadway prior to placement of HMA shall be included in the unit Contract price per ton for “HMA Cl. \_\_\_ PG \_\_\_” which was used for patching. If the Proposal does not include a Bid item for “Preparation of Untreated Roadway”, the Roadway shall be prepared as specified, but the Work shall be included in the Contract prices of the other items of Work.

“Preparation of Existing Paved Surfaces”, per mile.

The unit Contract Price for “Preparation of Existing Paved Surfaces” shall be full pay for all Work described under Section 5-04.3(4) with the exception, however, that all costs involved in patching the Roadway prior to placement of HMA shall be included in the unit Contract price per ton for “HMA Cl. \_\_\_ PG \_\_\_” which was used for patching. If the Proposal does not include a Bid item for “Preparation of Untreated Roadway”, the Roadway shall be prepared as specified, but the Work shall be included in the Contract prices of the other items of Work.

“Crack Sealing”, by force account.

“Crack Sealing” will be paid for by force account as specified in Section 1-09.6. For the purpose of providing a common Proposal for all Bidders, the Contracting Agency has entered an amount in the Proposal to become a part of the total Bid by the Contractor.

“Pavement Repair Excavation Incl. Haul”, per square yard.

The unit Contract price per square yard for “Pavement Repair Excavation Incl. Haul” shall be full payment for all costs incurred to perform the Work described in Section 5-04.3(4) with the exception, however, that all costs involved in the placement of HMA shall be included in the unit Contract price per ton for “HMA for Pavement Repair Cl. \_\_\_ PG \_\_\_”, per ton.

“Asphalt for Prime Coat”, per ton.

The unit Contract price per ton for "Asphalt for Prime Coat" shall be full payment for all costs incurred to obtain, provide and install the material in accordance with Section 5-04.3(4).

"Prime Coat Agg.", per cubic yard, or per ton.

The unit Contract price per cubic yard or per ton for "Prime Coat Agg." shall be full pay for furnishing, loading, and hauling aggregate to the place of deposit and spreading the aggregate in the quantities required by the Engineer.

"Asphalt for Fog Seal", per ton.

Payment for "Asphalt for Fog Seal" is described in Section 5-02.5.

"Longitudinal Joint Seal", per linear foot.

The unit Contract price per linear foot for "Longitudinal Joint Seal" shall be full payment for all costs incurred to perform the Work described in Section 5-04.3(12).

"Planing Bituminous Pavement", per square yard.

The unit Contract price per square yard for "Planing Bituminous Pavement" shall be full payment for all costs incurred to perform the Work described in Section 5-04.3(14).

"Temporary Pavement Marking", per linear foot.

Payment for "Temporary Pavement Marking" is described in Section 8-23.5.

"Water", per M gallon.

Payment for "Water" is described in Section 2-07.5.

"Job Mix Compliance Price Adjustment", by calculation.

"Job Mix Compliance Price Adjustment" will be calculated and paid for as described in Section 5-04.3(9)C6.

"Compaction Price Adjustment", by calculation.

"Compaction Price Adjustment" will be calculated and paid for as described in Section 5-04.3(10)D3.

"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.

"Cyclic Density Price Adjustment", by calculation.

"Cyclic Density Price Adjustment" will be calculated and paid for as described in Section 5-04.3(10)B.

## **MATERIALS**

(WSDOT GSP) 5-04.2.GR5

### **Mix Design - Obtaining Project Approval**

(WSDOT GSP) 5-04.2(2).GR5

(WSDOT GSP) 5-04.2(2).INST1.GR5

Section 5-04.2(2) is supplemented with the following:

#### **ESAL's**

JANUARY 3, 2011 (WSDOT GSP) 5-04.2(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

### **Ignition Furnace Calibration Samples**

MAY 22, 2018 (WC GSP) 5-04.3

Section 5-04.3 is supplemented with the following:

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.

### **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.

## **DIVISION 6 STRUCTURES**

(WSDOT GSP) DIVISION6.GR6

### **GEOSYNTHETIC RETAINING WALLS**

(WSDOT GSP) 6-14.GR6

### **DESCRIPTION**

(WC GSP) 6-14.1

(WC GSP) 6-14.1.INST1

Section 6-14.1 is supplemented with the following:

### **Geosynthetic Reinforced Soil Bridge Abutment**

JANUARY 26, 2023 (WC GSP) 6-14.1

This work consists of constructing geosynthetic reinforced soil bridge abutments at the Odell Bridge, No. 8000-07.05, from Station 350+48.44 to Station 350+88.48 and from Station 351+83.44 to Station 352+23.44. This work shall be completed within the 8 week road closure from Station 345+00 to Station 398+00.

### **CONSTRUCTION REQUIREMENTS**

(WC GSP) 6-14.3

(WC GSP) 6-14.3.INST1

Section 6-14.3 is supplemented with the following:

### **Geosynthetic Reinforced Soil Bridge Abutment**

JANUARY 26, 2023 (WC GSP) 6-14.3

The contractor shall construct permanent geosynthetic reinforced walls leading to each bridge abutment as detailed on Page 15 of the Contract Plans. Geosynthetic reinforcement shall be biaxial geogrid with a minimum ultimate tensile strength of 850 lb/ft. in accordance with ASTM D6637-10 Method A. Spacing of each vertical layer of geosynthetic reinforcement shall be 1.0 feet starting at the bottom of the pile cap on each end of the bridge. Geosynthetic reinforced bridge abutment shall be constructed as referenced in WSDOT Standard Plan D-3.09-00 "Geosynthetic Reinforced Wall."

### **PAYMENT**

(WC GSP) 6-14.5

(WC GSP) 6-14.5.INST1

Section 6-14.5 is supplemented with the following:

### **Geosynthetic Reinforced Soil Bridge Abutment**

JANUARY 26, 2023 (WC GSP) 6-14.5

"Geosynthetic Reinforced Soil Bridge Abutment", lump sum.

The lump sum Contract price for "Geosynthetic Reinforced Soil Bridge Abutment" shall be full payment for all costs for the specified work, including excavation of existing soil bridge abutment and construction of Geosynthetic Reinforced Soil Bridge Abutment as detailed on Page 15 of Contract Plans.

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

(WSDOT GSP) DIVISION7.GR7

### **CULVERTS**

(WSDOT GSP) 7-02.GR7

### **CONSTRUCTION REQUIREMENTS**

(WC GSP) 7-02.3

(WC GSP) 7-02.3.INST1

Section 7-02.3 is supplemented with the following:

### **Approach Pipes**

MAY 19, 1997 (WC GSP) 7-02.3

Approach pipes shall be installed per Section 7-02, with the following exceptions:

No bedding of the pipe will be required. See the Structure Notes for a listing of approach culverts.

## **PAYMENT**

(WC GSP) 7-02.5

(WC GSP) 7-02.5.INST1

Section 7-02.5 is supplemented with the following:

JANUARY 25, 2023 (WC GSP) 7-02.5

“St. Str. Plate Pipe Arch 10 Gage 8 Ft. 2 In. Span, per linear foot.

MAY 19, 1997 (WC GSP) 7-02.5

Where culvert pipes are to be removed but are not relaid, all costs in connection with the removal and backfilling of the trench shall be included in the lump sum unit contract price “Removal of Structure and Obstruction”.

## **STORM SEWERS**

(WSDOT GSP) 7-04.7

## **CONSTRUCTION REQUIREMENTS**

(WC GSP) 7-04.3

(WC GSP) 7-04.3.INST1

Section 7-04.3 is supplemented with the following:

### **Drain Tiles**

MAY 19, 1997 (WC GSP) 7-04.3

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

## **ROADSIDE RESTORATION**

(WSDOT GSP) 8-02.GR8

## **CONSTRUCTION REQUIREMENTS**

(WSDOT GSP) 8-02.3.GR8

### **Mulch and Amendments**

(WSDOT GSP) 8-02.3(6).GR8

#### **Fertilizers**

(WSDOT GSP) 8-02.3(6)B.GR8

(WC GSP) 8-02.3(6)B.INST1.GR8

Section 8-02.3(6)B is supplemented with the following:

SEPTEMBER 3, 2019 (WC GSP) 8-02.3(6)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.

### Seeding and Fertilizing, and Mulching

(WC GSP) 8-02.3(9).GR8

#### Seeding and Fertilizing

(WSDOT GSP) 8-02.3(9)B.GR8

(WSDOT GSP) 8-02.3(9)B.INST1.GR8

Section 8-02.3(9)B is supplemented with the following:

SEPTEMBER 3, 2019 (WC GSP) 8-02.3(9)B.OPT3.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:

<u>Seed by Common Name</u>	<u>Pounds Pure Live Seed (PLS) Per Acre</u>
Crested Wheatgrass	18
'Durar' Hard Fescue	18
Big Bluegrass	6
Intermediate Wheatgrass	<u>18</u>
Total	60

Seed shall meet or exceed Washington State Department of Agriculture Certified Seed Standards and be from within the Columbia Plateau, Blue Mountains, Idaho Batholith or Columbia Mountains/Northern Rockies Ecoregion(s) as defined by the US Environmental Protection Agency (EPA).

The seed certification class shall be Certified (blue tag) 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.

## **Mulch**

(WSDOT GSP) 8-02.3(11).GR8

### **Mulch for Seeding Areas**

(WSDOT GSP) 8-02.3(11)A.GR8

(WSDOT GSP) 8-02.3(11)A.INST1.GR8

Section 8-02.3(11)A is supplemented with the following:

SEPTEMBER 3, 2019 (WSDOT GSP) 8-02.3(11)A.OPT1.FR8

Wood cellulose fiber mulch shall be applied at a rate of 2,000 pounds per acre with no more than 2,000 pounds per acre applied in a single lift.

## **GUIDE POSTS**

(WSDOT GSP) 8-10.GR8

## **MATERIALS**

(WC GSP) 8-10.2

(WC GSP) 8-10.2.INST1

Section 8-10.2 is supplemented with the following:

MAY 27, 1997 (WC GSP) 8-10.2

The flexible guide posts shall be one color either brown or white with white reflective sheeting.

## **GUARDRAIL**

(WSDOT GSP) 8-11.GR8

## **CONSTRUCTION REQUIREMENTS**

(WSDOT GSP) 8-11.3.GR8

### **Beam Guardrail**

(WSDOT GSP) 8-11.3(1).GR8

(WSDOT GSP) 8-11.3(1).INST1.GR8

Section 8-11.3(1) is supplemented with the following:

APRIL 5, 2010 (WSDOT GSP) 8-11.3(1).OPT1.GR8

This project may contain a mixture of steel and wood posts. The bidder is advised that post selection will be as detailed in the plans and these specifications.

## **MEASUREMENT**

(WSDOT GSP) 8-11.4.GR8

(WSDOT GSP) 8-11.4.INST2.GR8

The fifth paragraph of Section 8-11.4 is revised to read:

NOVEMBER 2, 2022 (WSDOT GSP) 8-11.4.OPT5.2024.GR8

Measurement of beam guardrail anchor Type 11 will be per each for the completed anchor, including the attachment of the anchor to the guardrail.

## **PAYMENT**

(WSDOT GSP) 8-11.5.GR8

(WSDOT GSP) 8-11.5.INST1.GR8

In Section 8-11.5, the bid item for "Beam Guardrail Anchor Type 10", per each is revised to read::

NOVEMBER 2, 2022 (WSDOT GSP) 8-11.5.OPT3.2024.GR8

"Beam Guardrail Anchor Type 11", per each.

## **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.

### **Reset Existing Fence**

MAY 19, 2011 (WC GSP) 8-12.2

Fence designated on the plans or by the Engineer shall be reset as directed by the Engineer. Existing materials shall be used for resetting the fence.

## **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.

Resetting the existing fence shall be measured by the linear foot of reset 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) 8-12.5

"Remove Existing Fence" per linear foot.

"Reset Existing Fence" per linear foot.

**DIVISION 9  
MATERIALS**  
(WSDOT GSP) DIVISION9.GR9

**STANDARD PLANS**

JANUARY 9, 2023 (WSDOT GSP) STDPLANS.GR9

The State of Washington Standard Plans for Road, Bridge and Municipal Construction M21-01, effective September 30, 2022, is made a part of this contract.

The Standard Plans are revised as follows:

A-10.30

RISER RING detail (Including SECTION view and RISER RING DIMENSIONS table): The RISER RING detail is deleted from the plan.

INSTALLATION detail, SECTION A: The "1/4" callout is revised to read "+/- 1/4" (SEE CONTRACT ~ Note: The + 1/4" installation is shown in the Section A view)"

B-90.40

Valve Detail – DELETED

C-8

DELETED

C-8A

DELETED

C-20.42

Plan View (Case 22A-31), callout, was; "BEAM GUARDRAIL ANCHOR TYPE 10 PAY LIMIT" is revised to read; "BEAM GUARDRAIL ANCHOR TYPE 11 PAY LIMIT"

C-23.60

DELETED

C-23.70

Sheet 1, Detail A, callout, was – "EIGHT 5/8" x 1/2" (IN) BOLTS W/ HEX NUTS AND WASHERS (SEE NOTE 5)" is revised to read: "EIGHT 5/8" x 1-1/2" (IN) BOLTS W/ HEX NUTS AND WASHERS (SEE NOTE 5)".

Sheet 2, ANCHOR RAIL ELEMENT DETAIL and associated Enlarged Detail, 3/4" Diameter hole pattern (8 holes), callout, "3/4" DIAMETER HOLE (TYP.)" is revised to read: "29/32" x 1 1/8" (IN) SLOT (TYP.)"

D-2.04

DELETED

D-2.06

DELETED

D-2.08

DELETED

D-2.32  
DELETED

D-2.34  
DELETED

D-2.60  
DELETED

D-2.62  
DELETED

D-2.64  
DELETED

D-2.66  
DELETED

D-2.68  
DELETED

D-2.80  
DELETED

D-2.88  
DELETED

D-3.15  
DELETED

D-3.16  
DELETED

D-3.17  
DELETED

D-3.10

Sheet 1, Typical Section, callout – “FOR WALLS WITH SINGLE SLOPE TRAFFIC BARRIER. USE THE DETAILS ABOVE THE MATCH LINE ON STANDARD PLAN D-3.15” is revised to read; “FOR WALLS WITH SINGLE SLOPE TRAFFIC BARRIER, SEE CONTRACT PLANS”

Sheet 1, Typical Section, callout – “FOR WALLS WITH F-SHAPE TRAFFIC BARRIER. USE THE DETAILS ABOVE THE MATCH LINE ON STANDARD PLAN D-3.16” is revised to read; “FOR WALLS WITH F-SHAPE TRAFFIC BARRIER, SEE CONTRACT PLANS”

D-3.11

Sheet 1, Typical Section, callout – “B” BRIDGE APPROACH SLAB (SEE BRIDGE PLANS) OR PERMANENT GEOSYNTHETIC WALL BARRIER ~ SEE STANDARD PLANS D-3.15 OR D-3.16” is revised to read; “B” BRIDGE APPROACH SLAB OR MOMENT SLAB (SEE CONTRACT PLANS)

Sheet 1, Typical Section, callout – “TYPICAL BARRIER ON BRIDGE APPROACH SLAB (SEE BRIDGE PLANS) OR PERMANENT GEOSYNTHETIC WALL BARRIER ~ SEE

STANDARD PLANS D-3.15 OR D-3.16” is revised to read; “TYPICAL BARRIER ON BRIDGE APPROACH SLAB OR MOMENT SLAB (SEE CONTRACT PLANS)

D-10.10

Wall Type 1 may be used if no traffic barrier is attached on top of the wall. Walls with traffic barriers attached on top of the wall are considered non-standard and shall be designed in accordance with the current WSDOT Bridge Design Manual (BDM) and the revisions stated in the 11/3/15 Bridge Design memorandum.

D-10.15

Wall Type 2 may be used if no traffic barrier is attached on top of the wall. Walls with traffic barriers attached on top of the wall are considered non-standard and shall be designed in accordance with the current WSDOT BDM and the revisions stated in the 11/3/15 Bridge Design memorandum.

D-10.30

Wall Type 5 may be used in all cases.

D-10.35

Wall Type 6 may be used in all cases.

D-10.40

Wall Type 7 may be used if no traffic barrier is attached on top of the wall. Walls with traffic barriers attached on top of the wall are considered non-standard and shall be designed in accordance with the current WSDOT BDM and the revisions stated in the 11/3/15 Bridge Design memorandum.

D-10.45

Wall Type 8 may be used if no traffic barrier is attached on top of the wall. Walls with traffic barriers attached on top of the wall are considered non-standard and shall be designed in accordance with the current WSDOT BDM and the revisions stated in the revisions stated in the 11/3/15 Bridge Design memorandum.

D-15.10

STD Plans D-15 series “Traffic Barrier Details for Reinforced Concrete Retaining Walls” are withdrawn. Special designs in accordance with the current WSDOT BDM are required in place of these STD Plans.

D-15.20

STD Plans D-15 series “Traffic Barrier Details for Reinforced Concrete Retaining Walls” are withdrawn. Special designs in accordance with the current WSDOT BDM are required in place of these STD Plans.

D-15.30

STD Plans D-15 series “Traffic Barrier Details for Reinforced Concrete Retaining Walls” are withdrawn. Special designs in accordance with the current WSDOT BDM are required in place of these STD Plans.

F-10.18

Note 2, “Region Traffic engineer approval is needed to install a truck apron lower than 3”. - DELETED

#### J-10.10

Sheet 4 of 6, "Foundation Size Reference Table", PAD WIDTH column, Type 33xD=6' – 3" is revised to read: 7' – 3". Type 342LX / NEMA P44=5' – 10" is revised to read: 6' – 10"

Sheet 5 of 6, Plan View, "FOR EXAMPLE PAD SHOWN HERE:", "first bullet" item, "-SPACE BETWEEN TYPE B MOD. CABINET AND 33x CABINET IS 6" (IN)" IS REVISED TO READ: "SPACE BETWEEN TYPE B MOD. CABINET (BACK OF ALL CHANNEL STEEL) AND 33x CABINET IS 6" (IN) (CHANNEL STEEL ADDS ABOUT 5" (IN))"

#### J-10.16

Key Note 1, Standard Plan J-10.30 revised to Standard Plan J-10.14

#### J-10.17

Key Note 1, Standard Plan J-10.30 revised to Standard Plan J-10.14

#### J-10.18

Key Note 1, Standard Plan J-10.30 revised to Standard Plan J-10.14

#### J-20.10

Elevation View, horizontal dimension to edge of sidewalk 10" (IN) OR LESS DESIRABLE ~ 18" (IN) MAXIMUM is revised to read: "10" (IN) MAXIMUM"

#### J-20.26

Add Note 1, "1. One accessible pedestrian pushbutton station per pedestrian pushbutton post."

#### J-20.16

View A, callout, was – LOCK NIPPLE, is revised to read; CHASE NIPPLE

#### J-21.10

Sheet 1, Elevation View, Round Concrete Foundation Detail, callout – "ANCHOR BOLTS ~ 3/4" (IN) x 30" (IN) FULL THREAD ~ THREE REQ'D. PER ASSEMBLY" IS REVISED TO READ: "ANCHOR BOLTS ~ 3/4" (IN) x 30" (IN) FULL THREAD ~ FOUR REQ'D. PER ASSEMBLY"

Sheet 1 of 2, Elevation view (Round), add dimension depicting the distance from the top of the foundation to find 2 #4 reinforcing bar shown, to read; 3" CLR.. Delete "(TYP.)" from the 2 1/2" CLR. dimension, depicting the distance from the bottom of the foundation to find 2 # 4 reinf. Bar.

Sheet 1 of 2, Elevation view (Square), add dimension depicting the distance from the top of the foundation to find 1 #4 reinforcing bar shown, to read; 3" CLR. Delete "(TYP.)" from the 2 1/2" CLR. dimension, depicting the distance from the bottom of the foundation to find 1 # 4 reinf. Bar.

Sheet 2 of 2, Elevation view (Round), add dimension depicting the distance from the top of the foundation to find 2 #4 reinforcing bar shown, to read; 3" CLR. Delete "(TYP.)" from the 2 1/2" CLR. dimension, depicting the distance from the bottom of the foundation to find 2 # 4 reinf. Bar.

Sheet 2 of 2, Elevation view (Square), add dimension depicting the distance from the top of the foundation to find 1 #4 reinforcing bar shown, to read; 3" CLR. Delete "(TYP.)" from the 2 1/2" CLR. dimension, depicting the distance from the bottom of the foundation to find 1 # 4 reinf. Bar.

Detail F, callout, "Heavy Hex Clamping Bolt (TYP.) ~ 3/4" (IN) Diam. Torque Clamping Bolts (see Note 3)" is revised to read; "Heavy Hex Clamping Bolt (TYP.) ~ 3/4" (IN) Diam. Torque Clamping Bolts (see Note 1)"

Detail F, callout, "3/4" (IN) x 2' - 6" Anchor Bolt (TYP.) ~ Four Required (See Note 4)" is revised to read; "3/4" (IN) x 2' - 6" Anchor Bolt (TYP.) ~ Three Required (See Note 2)"

J-21.15

Partial View, callout, was - LOCK NIPPLE ~ 1 1/2" DIAM., is revised to read; CHASE NIPPLE ~ 1 1/2" (IN) DIAM.

J-21.16

Detail A, callout, was - LOCKNIPPLE, is revised to read; CHASE NIPPLE

J-22.15

Ramp Meter Signal Standard, elevation, dimension 4' - 6" is revised to read; 6'-0"  
(2x) Detail A, callout, was - LOCK NIPPLE ~ 1 1/2" DIAM. is revised to read; CHASE NIPPLE ~ 1 1/2" (IN) DIAM.

J-40.10

Sheet 2 of 2, Detail F, callout, "12 - 13 x 1 1/2" S.S. PENTA HEAD BOLT AND 12" S. S. FLAT WASHER" is revised to read; "12 - 13 x 1 1/2" S.S. PENTA HEAD BOLT AND 1/2" (IN) S. S. FLAT WASHER"

J-40.36

Note 1, second sentence; "Finish shall be # 2B for backbox and # 4 for the cover." Is revised to read; "Finish shall be # 2B for barrier box and HRAP (Hot Rolled Annealed and Pickled) for the cover.

J-40.37

Note 1, second sentence; "Finish shall be # 2B for backbox and # 4 for the cover." Is revised to read; "Finish shall be # 2B for barrier box and HRAP (Hot Rolled Annealed and Pickled) for the cover.

J-75.20

Key Notes, note 16, second bullet point, was: "1/2" (IN) x 0.45" (IN) Stainless Steel Bands", add the following to the end of the note: "Alternate: Stainless steel cable with stainless steel ends, nuts, bolts, and washers may be used in place of stainless steel bands and associated hardware."

J-75.41

DELETED

J-75.55

Notes, Note A1, Revise reference, was - G-90.29, should be - G-90.20.

K-80.20

DELETED

L-5.10

Sheet 2, Typical Elevation, callout - "2' - 0" MIN. LAP SPLICE BETWEEN (mark) A #3 BAR AND WALL REINFORCEMENT ~ TYPICAL" is revised to read: "2' - 0" MIN. LAP SPLICE BETWEEN (MARK) A #4 BAR AND WALL REINFORCEMENT ~ TYPICAL"

Section C, callout; "(mark) A #3" is revised to read: "(mark) A #4", callout - "(mark) B #3" is revised to read: "(mark) B #4", callout - "(mark) C #3 TIE" is revised to read: "(mark) C #4 TIE"

Reinforcing Steel Bending Diagram, (mark) B detail, callout – “128 deg.” is revised to read: “123 deg.”, callout – “51 deg.” is revised to read: “57 deg.”

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-50.10-01.....8/17/21
A-10.20-00.....10/5/07	A-40.00-01.....7/6/22	A-50.40-01.....8/17/21
A-10.30-00.....10/5/07	A-40.10-04.....7/31/19	A-60.10-03.....12/23/14
A-20.10-00.....8/31/07	A-40.15-00.....8/11/09	A-60.20-03.....12/23/14
A-30.10-00.....11/8/07	A-40.20-04.....1/18/17	A-60.30-01.....6/28/18
A-30.30-01.....6/16/11	A-40.50-02.....12/23/14	A-60.40-00.....8/31/07
B-5.20-03.....9/9/20	B-30.50-03.....2/27/18	B-75.20-03.....8/17/21
B-5.40-02.....1/26/17	B-30.60-00.....9/9/20	B-75.50-02.....3/15/22
B-5.60-02.....1/26/17	B-30.70-04.....2/27/18	B-75.60-00.....6/8/06
B-10.20-02.....3/2/18	B-30.80-01.....2/27/18	B-80.20-00.....6/8/06
B-10.40-02.....8/17/21	B-30.90-02.....1/26/17	B-80.40-00.....6/1/06
B-10.70-02.....8/17/21	B-35.20-00.....6/8/06	B-85.10-01.....6/10/08
B-15.20-01.....2/7/12	B-35.40-00.....6/8/06	B-85.20-00.....6/1/06
B-15.40-01.....2/7/12	B-40.20-00.....6/1/06	B-85.30-00.....6/1/06
B-15.60-02.....1/26/17	B-40.40-02.....1/26/17	B-85.40-00.....6/8/06
B-20.20-02.....3/16/12	B-45.20-01.....7/11/17	B-85.50-01.....6/10/08
B-20.40-04.....2/27/18	B-45.40-01.....7/21/17	B-90.10-00.....6/8/06
B-20.60-03.....3/15/12	B-50.20-00.....6/1/06	B-90.20-00.....6/8/06
B-25.20-02.....2/27/18	B-55.20-03.....8/17/21	B-90.30-00.....6/8/06
B-25.60-02.....2/27/18	B-60.20-02.....9/9/20	B-90.40-01.....1/26/17
B-30.05-00.....9/9/20	B-60.40-01.....2/27/18	B-90.50-00.....6/8/06
B-30.10-03.....2/27/18	B-65.20-01.....4/26/12	B-95.20-02.....8/17/21
B-30.15-00.....2/27/18	B-65.40-00.....6/1/06	B-95.40-01.....6/28/18
B-30.20-04.....2/27/18	B-70.20-01.....3/15/22	
B-30.30-03.....2/27/18	B-70.60-01.....1/26/17	
B-30.40-03.....2/27/18		
C-1.....9/8/22	C-22.40-09.....9/8/22	C-60.70-01.....9/8/22
C-1b.....9/8/22	C-22.45-06.....9/8/22	C-60.80-01.....9/8/22
C-1d.....10/31/03	C-23.70-00.....8/22/22	C-70.15-00.....8/17/21
C-2c.....8/12/19	C-24.10-03.....7/24/22	C-70.10-03.....8/20/21
C-4f.....8/12/19	C-24.15-00.....3/15/22	C-75.10-02.....9/16/20
C-6a.....9/8/22	C-25.20-07.....8/20/21	C-75.20-03.....8/20/21
C-7.....9/8/22	C-25.22-06.....8/20/21	C-75.30-03.....8/20/21
C-7a.....9/8/22	C-25.26-05.....8/20/21	C-80.10-02.....9/16/20
C-20.10-08.....9/8/22	C-25.30-01.....8/20/21	C-80.20-01.....6/11/14
C-20.14-05.....9/8/22	C-25.80-05.....8/12/19	C-80.30-02.....8/20/21
C-20.15-02.....6/11/14	C-60.10-02.....9/8/22	C-80.40-01.....6/11/14
C-20.18-04.....9/8/22	C-60.15-00.....8/17/21	C-85.10-00.....4/8/12
C-20.40-09.....9/8/22	C-60.20-01.....9/8/22	C-85.11-01.....9/16/20
C-20.41-04.....8/22/22	C-60.30-01.....8/17/21	C-85.15-02.....8/27/21
C-20.42-05.....7/14/15	C-60.40-00.....8/17/21	C-85-18-03.....9/8/22

C-20.43-00.....8/22/22	C-60.45-00.....8/17/21	
C-20.45.03.....9/8/22	C-60.50-00.....8/17/21	
C-22.16-07.....9/16/20	C-60.60-00.....8/17/21	
D-2.36-03.....6/11/14	D-4.....12/11/98	D-10.35-00.....7/8/08
D-2.46-02.....8/13/21	D-6.....6/19/98	D-10.40-01.....12/2/08
D-2.84-00.....11/10/05	D-10.10-01.....12/2/08	D-10.45-01.....12/2/08
D-2.92-01.....4/26/22	D-10.15-01.....12/2/08	
D-3.09-00.....5/17/12	D-10.20-01.....8/7/19	
D-3.10-01.....5/29/13	D-10.25-01.....8/7/19	
D-3.11-03.....6/11/14	D-10.30-00.....7/8/08	
E-1.....2/21/07	E-4.....8/27/03	
E-2.....5/29/98	E-4a.....8/27/03	
F-10.12-04.....9/24/20	F-10.62-02.....4/22/14	F-40.15-04.....9/25/20
F-10.16-00.....12/20/06	F-10.64-03.....4/22/14	F-40.16-03.....6/29/16
F-10.18-03.....3/28/22	F-30.10-04.....9/25/20	F-45.10-03.....8/13/21
F-10.40-04.....9/24/20	F-40.12-03.....6/29/16	F-80.10-04.....7/15/16
F-10.42-00.....1/23/07	F-40.14-03.....6/29/16	
G-10.10-00.....9/20/07	G-26.10-00.....7/31/19	
G-20.10-03.....8/20/21	G-30.10-04.....6/23/15	
G-22.10-04.....6/28/18	G-50.10-03.....6/28/18	
G-24.10-00.....11/8/07	G-90.10-03.....7/11/17	
G-24.20-01.....2/7/12	G-90.20-05.....7/11/17	
G-24.30-02.....6/28/18	G-90.30-04.....7/11/17	
G-24.40-07.....6/28/18	G-95.10-02.....6/28/18	
G-24.50-05.....8/7/19	G-95.20-03.....6/28/18	
G-24.60-05.....6/28/18	G-95.30-03.....6/28/18	
G-25.10-05.....9/16/20		
H-10.10-00.....7/3/08	H-32.10-00.....9/20/07	H-70.10-02.....8/17/21
H-10.15-00.....7/3/08	H-60.10-01.....7/3/08	H-70.20-02.....8/17/21
H-30.10-00.....10/12/07	H-60.20-01.....7/3/08	
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-30.30-02.....6/12/19	I-50.20-02.....7/6/22
I-30.15-02.....3/22/13	I-30.40-02.....6/12/19	I-60.10-01.....6/10/13
I-30.16-01.....7/11/19	I-30.60-02.....6/12/19	I-60.20-01.....6/10/13
I-30.17-01.....6/12/19	I-40.10-00.....9/20/07	I-80.10-02.....7/15/16
J-05.50-00.....8/30/22	J-28.10-02.....8/7/19	J-50.25-00.....6/3/11
J-10.....7/18/97	J-28.22-00.....8/07/07	J-50.30-00.....6/3/11
J-10.10-04.....9/16/20	J-28.24-02.....9/16/20	J-60.05-01.....7/21/16
J-10.12-00.....9/16/20	J-28.26-01.....12/02/08	J-60.11-00.....5/20/13
J-10.14-00.....9/16/20	J-28.30-03.....6/11/14	J-60.12-00.....5/20/13
J-10.15-01.....6/11/14	J-28.40-02.....6/11/14	J-60.13-00.....6/16/10
J-10.16-02.....8/18/21	J-28.42-01.....6/11/14	J-60.14-01.....7/31/19
J-10.17-02.....8/18/21	J-28.43-01.....6/28/18	J-75.10-02.....7/10/15
J-10.18-02.....8/18/21	J-28.45-03.....7/21/16	J-75.20-01.....7/10/15

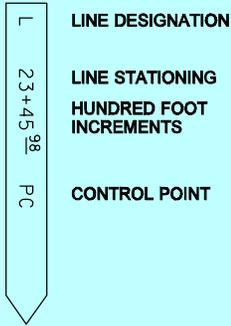
J-10.20-04.....8/18/21	J-28.50-03.....7/21/16	J-75.30-02.....7/10/15
J-10.21-02.....8/18/21	J-28.60-03.....8/27/21	J-75.50-00.....8/30/22
J-10.22-02.....8/18/21	J-28.70-04.....8/30/22	J-75.55-00.....8/30/22
J-10.25-00.....7/11/17	J-29.10-02.....8/26/22	J-80.05-00.....8/30/22
J-10.26-00.....8/30/22	J-29.15-01.....7/21/16	J-80.10-01.....8/18/21
J-12.15-00.....6/28/18	J-29.16-02.....7/21/16	J-80.12-00.....8/18/21
J-12.16-00.....6/28/18	J-30.10-01.....8/26/22	J-80.15-00.....6/28/18
J-15.10-01.....6/11/14	J-40.01-00.....8/30/22	J-81.10-02.....8/18/21
J-15.15-02.....7/10/15	J-40.05-00.....7/21/16	J-81.12-00.....9/3/21
J-20.01-00.....8/30/22	J-40.10-04.....4/28/16	J-84.05-00.....8/30/22
J-20.10-04.....7/31/19	J-40.20-03.....4/28/16	J-86.10-00.....6/28/18
J-20.11-03.....7/31/19	J-40.30-04.....4/28/16	J-90.10-03.....6/28/18
J-20.15-03.....6/30/14	J-40.35-01.....5/29/13	J-90.20-03.....6/28/18
J-20.16-02.....6/30/14	J-40.36-02.....7/21/17	J-90.21-02.....6/28/18
J-20.20-02.....5/20/13	J-40.37-02.....7/21/17	J-90.50-00.....6/28/18
J-20.26-01.....7/12/12	J-40.38-01.....5/20/13	
J-21.10-04.....6/30/14	J-40.39-00.....5/20/13	
J-21.15-01.....6/10/13	J-40.40-02.....7/31/19	
J-21.16-01.....6/10/13	J-45.36-00.....7/21/17	
J-21.17-01.....6/10/13	J-50.05-00.....7/21/17	
J-21.20-01.....6/10/13	J-50.10-01.....7/31/19	
J-22.15-02.....7/10/15	J-50.11-02.....7/31/19	
J-22.16-03.....7/10/15	J-50.12-02.....8/7/19	
J-26.10-03.....7/21/16	J-50.13-01.....8/30/22	
J-26.15-01.....5/17/12	J-50.15-01.....7/21/17	
J-26.20-01.....6/28/18	J-50.16-01.....3/22/13	
J-27.10-01.....7/21/16	J-50.18-00.....8/7/19	
J-27.15-00.....3/15/12	J-50.19-00.....8/7/19	
J-28.01-00.....8/30/22	J-50.20-00.....6/3/11	
K-70.20-01.....6/1/16	K-80.32-00.....8/17/21	K-80.35-01.....9/16/20
K-80.10-02.....9/25/20	K-80.34-00.....8/17/21	K-80.37-01.....9/16/20
L-5.10-00.....9/19/22	L-20.10-03.....7/14/15	L-40.20-02.....6/21/12
L-5.15-00.....9/19/22	L-30.10-02.....6/11/14	L-70.10-01.....5/21/08
L-10.10-02.....6/21/12	L-40.15-01.....6/16/11	L-70.20-01.....5/21/08
M-1.20-04.....9/25/20	M-11.10-04.....8/2/22	M-40.20-00.....10/12/07
M-1.40-03.....9/25/20	M-12.10-03.....8/2/22	M-40.30-01.....7/11/17
M-1.60-03.....9/25/20	M-15.10-01.....2/6/07	M-40.40-00.....9/20/07
M-1.80-03.....6/3/11	M-17.10-02.....7/3/08	M-40.50-00.....9/20/07
M-2.20-03.....7/10/15	M-20.10-04.....8/2/22	M-40.60-00.....9/20/07
M-2.21-00.....7/10/15	M-20.20-02.....4/20/15	M-60.10-01.....6/3/11
M-3.10-04.....9/25/20	M-20.30-04.....2/29/16	M-60.20-03.....8/17/21
M-3.20-04.....8/2/22	M-20.40-03.....6/24/14	M-65.10-03.....8/17/21
M-3.30-04.....9/25/20	M-20.50-02.....6/3/11	M-80.10-01.....6/3/11
M-3.40-04.....9/25/20	M-24.20-02.....4/20/15	M-80.20-00.....6/10/08
M-3.50-03.....9/25/20	M-24.40-02.....4/20/15	M-80.30-00.....6/10/08
M-5.10-03.....9/25/20	M-24.60-04.....6/24/14	
M-7.50-01.....1/30/07	M-24.65-00.....7/11/17	
M-9.50-02.....6/24/14	M-24.66-00.....7/11/17	

M-9.60-00.....2/10/09

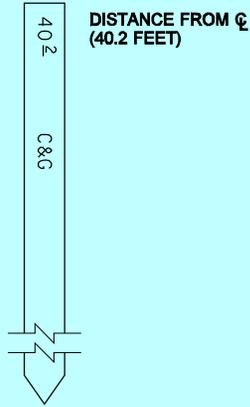
M-40.10-03.....6/24/14

# APPENDIX A

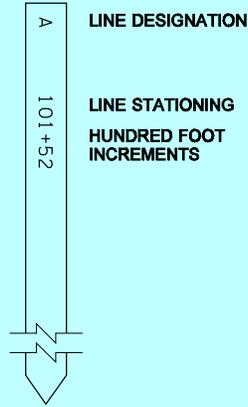




**ALIGNMENT STAKE**  
STAKE EVERY 100 FEET ON TANGENTS,  
EVERY 25 FEET ON CURVES

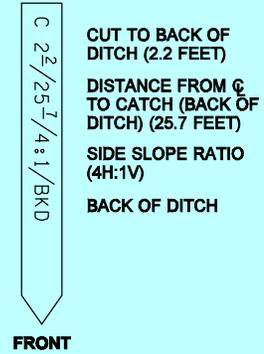


FRONT

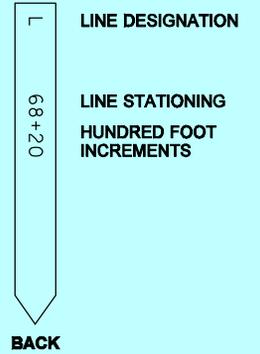


BACK

**CLEARING/GRUBBING (C&G) LATH**  
STAKE AT EACH FULL STATION,  
100 FEET ON TANGENTS,  
EVERY 25 FEET ON CURVES.  
NO HUB NECESSARY.

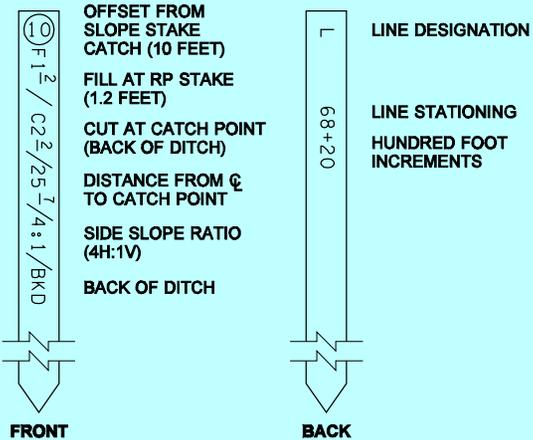


FRONT



BACK

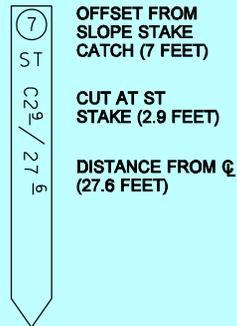
**SLOPE STAKE**



FRONT

BACK

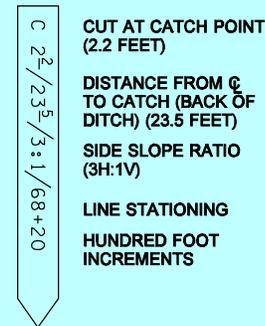
**LATH FOR SLOPE REFERENCES**



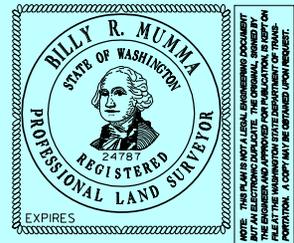
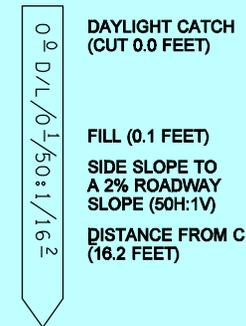
FRONT

BACK

**SLOPE TREATMENT (ST) STAKE  
FOR CUT SECTIONS**



**DAYLIGHT (D/L) STAKE**



**SURVEY STAKES**

**STANDARD PLAN A-10.10-00**

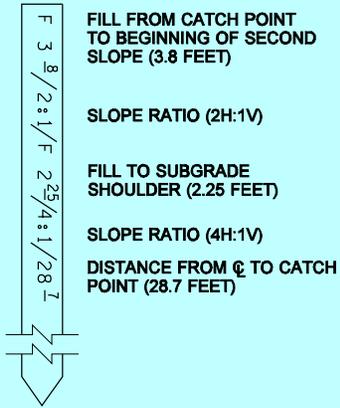
SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

**Pasco Bakotich III** 08-07-07

STATE DESIGN ENGINEER DATE





FILL FROM CATCH POINT TO BEGINNING OF SECOND SLOPE (3.8 FEET)

SLOPE RATIO (2H:1V)

FILL TO SUBGRADE SHOULDER (2.25 FEET)

SLOPE RATIO (4H:1V)

DISTANCE FROM  $\phi$  TO CATCH POINT (28.7 FEET)

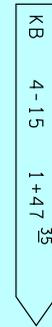


FRONT

DITCH CUT TO BOTTOM OF DITCH (0.60 FEET)

DISTANCE FROM CATCH POINT TO BOTTOM OF DITCH (2.4 FEET)

SIDE SLOPE RATIO (4H:1V)



BACK

STRUCTURE NOTE REFERENCE

PLAN SHEET NUMBER (4) STRUCTURE NOTE NUMBER (15)

DITCH SECTION ALIGNMENT STATIONING

STAKE FOR DITCH CONSTRUCTION



FRONT

OFFSET TO CENTER OF BASE (10 FEET)

FILL TO TOP OF CONCRETE BASE (1.1 FEET TO TOP OF FOUNDATION)



BACK

LUMINAIRE NUMBER (23)

LINE DESIGNATION AND STATIONING

HUNDRED FOOT INCREMENTS

STAKE FOR FOUNDATION OF LUMINAIRES, SIGNALS OR SIGN STRUCTURES

COMPOUND SLOPE LATH



FILL TO SUBGRADE (0.35 FEET)

FILL TO FINISH GRADE (CURB ELEVATION) (0.73 FEET)

DISTANCE FROM  $\phi$  (14.3 FEET)

SLOPE RATIO (2H:1V)



FRONT

OFFSET (10 FEET)

CUT TO FLOW LINE (1.26 FEET)



BACK

STRUCTURE NOTE REFERENCE

PLAN SHEET NUMBER (6) STRUCTURE NOTE NUMBER (3)

DRAINAGE ALIGNMENT STATIONING

25' INCREMENTS

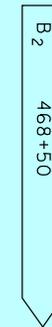
STAKE FOR DRAINAGE



FRONT

OFFSET (3 FEET)

FILL TO TOP AND BACK EDGE OF CURB (0.90 FEET)



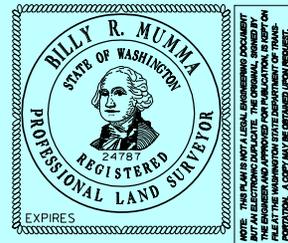
BACK

LINE DESIGNATION

LINE STATIONING

HUNDRED FOOT INCREMENTS

STAKE FOR CURB/GUTTER



SURVEY STAKES

STANDARD PLAN A-10.10-00

SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION

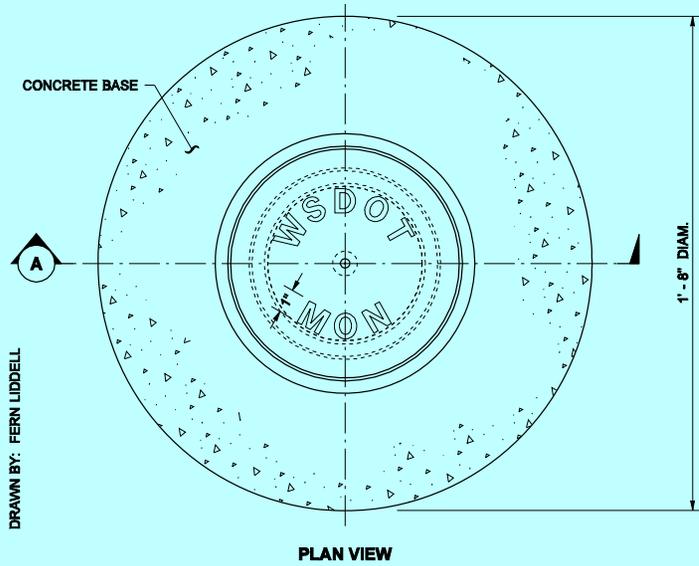
Pasco Bakotich III 08-07-07

STATE DESIGN ENGINEER DATE

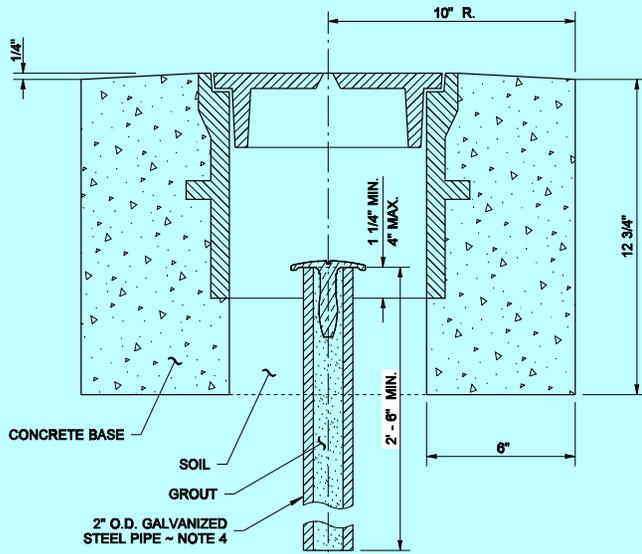


SLOPE LATH FOR CURB SECTION

DRAWN BY: FERN LIDDELL

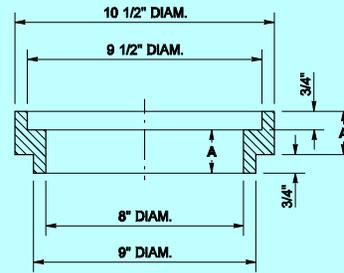


PLAN VIEW

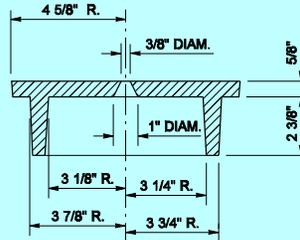


SECTION A  
INSTALLATION

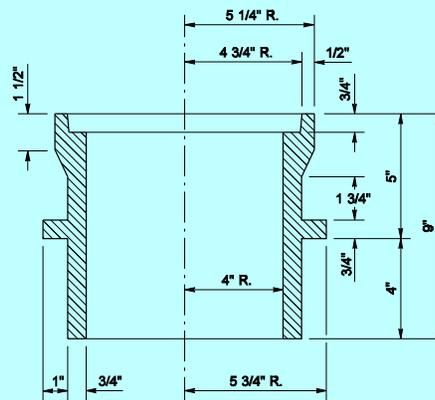
RISER RING DIMENSIONS			
A (SIZE)	1 1/2"	2"	3"



SECTION  
RISER RING



SECTION  
COVER

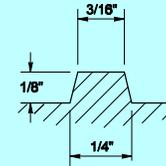


SECTION  
CASE

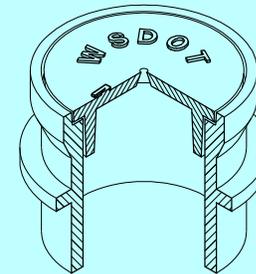
**NOTES**

1. Dimensions may vary according to manufacturer.
2. Base to be placed on a well compacted foundation.
3. Monument case to be installed by contractor.
4. See Standard Plan A-10.20 for Monument (brass disc) type to place in 2" O.D. galvanized pipe.

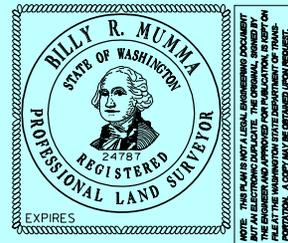
APPROXIMATE WEIGHTS	
CASE	60 LBS
COVER	19 LBS
TOTAL	79 LBS



SECTION OF LETTER



ISOMETRIC



**MONUMENT CASE AND COVER**  
**STANDARD PLAN A-10.30-00**

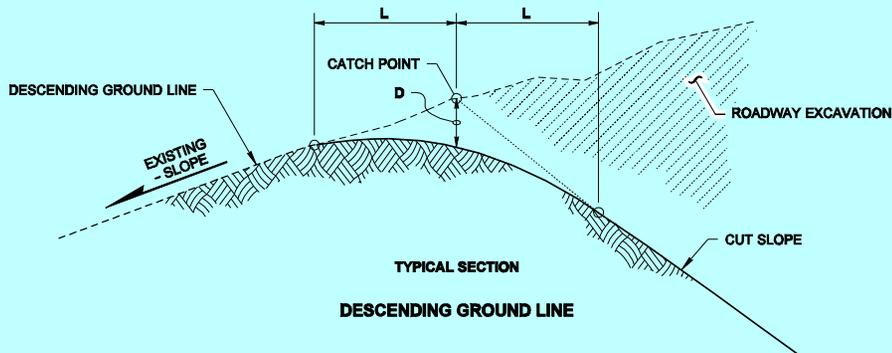
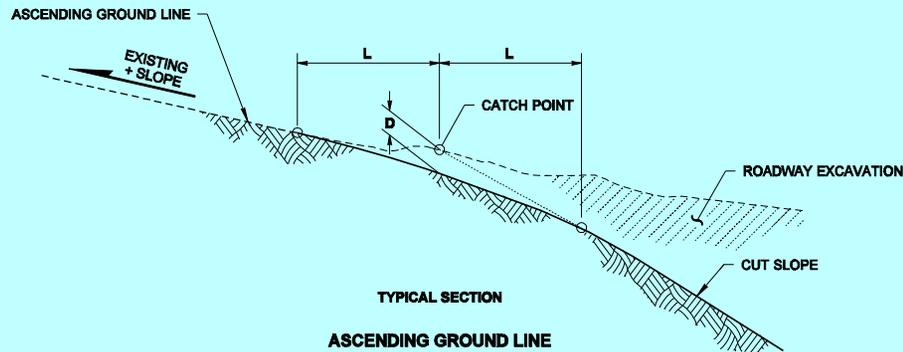
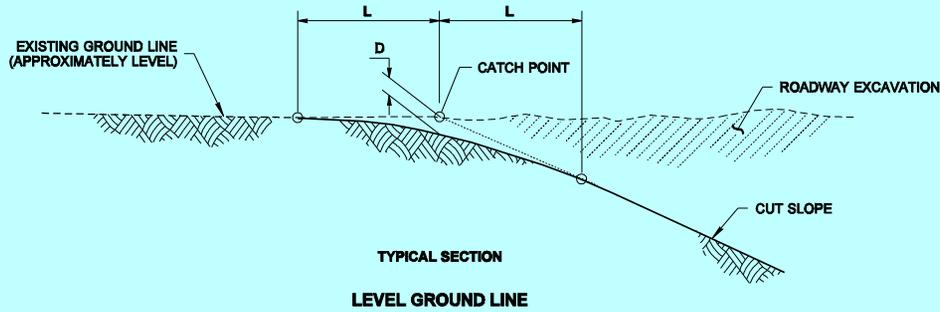
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

**Pasco Bakotich III** 10-05-07

STATE DESIGN ENGINEER DATE





**NOTES**

1. Slope treatment shall be constructed simultaneously with the roadway excavation. Hand trimming will not be required if satisfactory results are obtained with mechanical equipment.
2. Slope treatment is used to provide a transition between the existing ground and the cut slope. The intended purpose is to eliminate the abrupt edge and give the area a more natural appearance. The dimensions shown are approximate and can vary to achieve this purpose.

CUT SLOPE (H : V)	GROUND LINE (H : V)	CLASS A	CLASS B
		L = 10.0'	L = 5.0'
		D	D
1.5 : 1	+2 : 1	0.5'	◊
	+3 : 1	1.0'	0.5'
	+4 : 1	1.0'	0.5'
	+6 : 1	1.2'	0.8'
	≈ LEVEL	2.0'	1.0'
	-6 : 1	2.2'	1.0'
	-4 : 1	2.0'	1.0'
2 : 1	-3 : 1	3.0'	1.5'
	+3 : 1	0.5'	◊
	+4 : 1	0.5'	◊
	+6 : 1	1.2'	0.5'
	≈ LEVEL	1.5'	0.8'
	-6 : 1	2.2'	1.0'
	-4 : 1	2.0'	1.0'
3 : 1	-3 : 1	3.0'	1.5'
	+6 : 1	0.5'	◊
	≈ LEVEL	1.0'	0.5'
	-6 : 1	1.2'	0.5'
	-4 : 1	1.5'	0.8'
4 : 1	-3 : 1	2.0'	1.0'
	≈ LEVEL	0.5'	◊
	-6 : 1	1.0'	0.5'
	-4 : 1	1.2'	0.5'
5 : 1	-3 : 1	1.5'	0.8'
	≈ LEVEL	0.5'	◊
	-6 : 1	1.0'	0.5'
	-4 : 1	1.2'	0.5'

◊ SLOPE TREATMENT NOT REQUIRED

STATE OF WASHINGTON  
REGISTERED  
LANDSCAPE ARCHITECT

MARK W. MAURER  
CERTIFICATE NO. 000598

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.

**SLOPE TREATMENT**

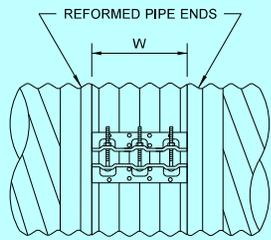
**STANDARD PLAN A-20.10-00**

SHEET 1 OF 1 SHEET

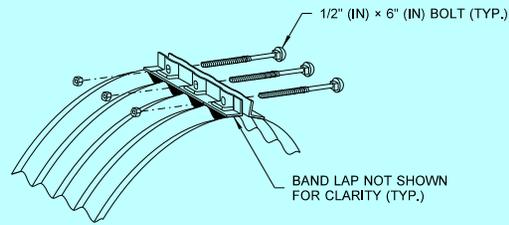
APPROVED FOR PUBLICATION

**Pasco Bakotich III** 08-31-07  
STATE DESIGN ENGINEER DATE

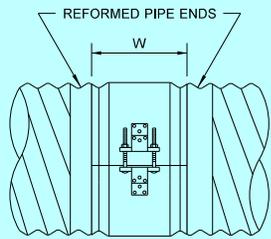
Washington State Department of Transportation



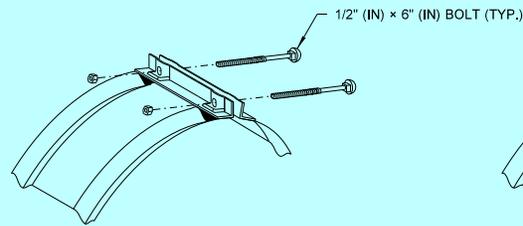
**TYPE D**  
ANNULAR CORRUGATED BAND



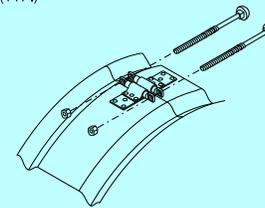
**TYPE D**  
BAND ANGLE CONNECTOR DETAIL



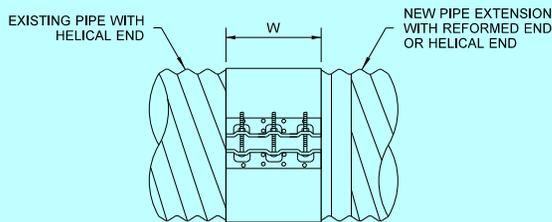
**TYPE F**  
SEMI-CORRUGATED BAND



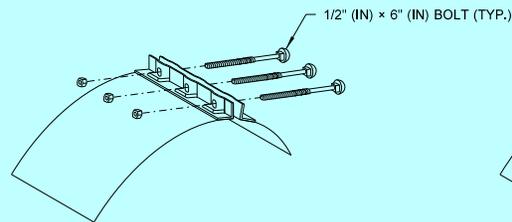
**TYPE F**  
BAND ANGLE CONNECTOR DETAIL



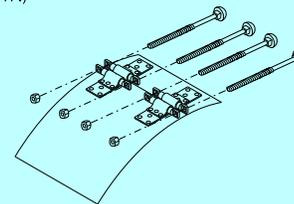
**TYPE F**  
BAR & STRAP CONNECTOR DETAIL



**TYPE K**  
FLAT BAND OR DIMPLE BAND  
(FOR PIPE EXTENSIONS ONLY)



**TYPE K**  
BAND ANGLE CONNECTOR DETAIL



**TYPE K**  
DOUBLE BAR & STRAP CONNECTOR DETAIL

COUPLING BAND DIMENSION TABLE (ALL DIMENSIONS ARE IN INCHES)					
BAND TYPE	CORRUGATION PITCH × DEPTH	PIPE DIAM.	MIN. W	GASKET TYPE	
STEEL	D 2 2/3 × 1/2 OR 3 × 1 REFORMED TO 2 2/3 × 1/2	12 ~ 84	12	SLEEVE	
		90 ~ 144	24	SLEEVE	
	F 2 2/3 × 1/2 OR 3 × 1 REFORMED TO 2 2/3 × 1/2	12 ~ 84	10 1/2	SLEEVE OR O-RING	
		K 2 2/3 × 1/2	12 ~ 48	12	SLEEVE
* 3 × 1	54 ~ 144		24		
ALUMINUM	D 2 2/3 × 1/2 OR 3 × 1 REFORMED TO 2 2/3 × 1/2	12 ~ 72	12	SLEEVE	
		36 ~ 60	12		
		66 ~ 108	24		
	F 2 2/3 × 1/2	12 ~ 48	10 1/2	SLEEVE OR O-RING	
		K 2 2/3 × 1/2	12 ~ 48	12	SLEEVE
			* 3 × 1	54 ~ 96	

\* PIPE ARCH ONLY



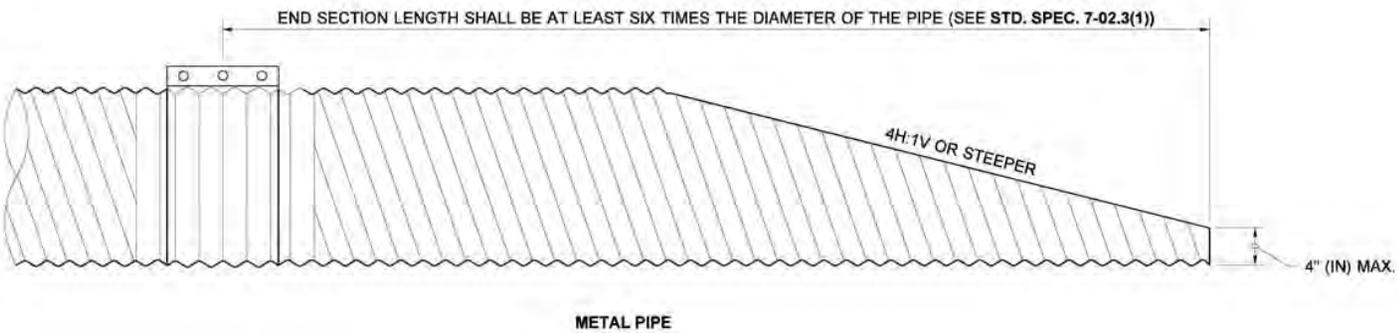
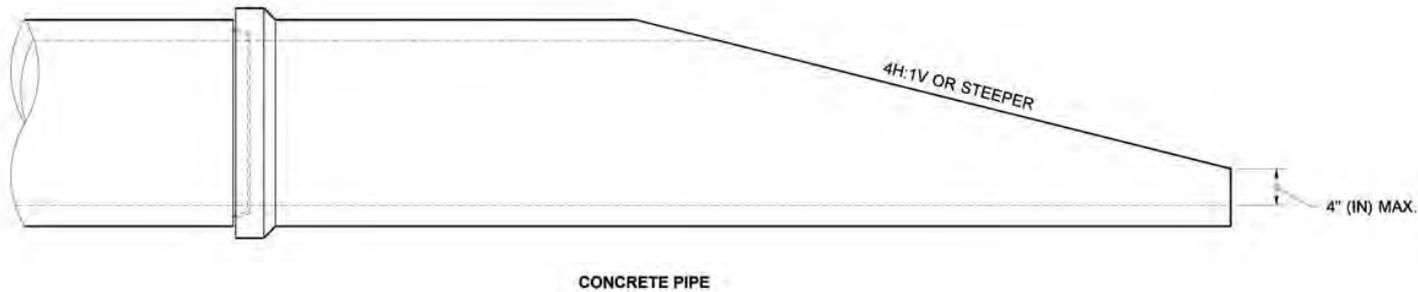
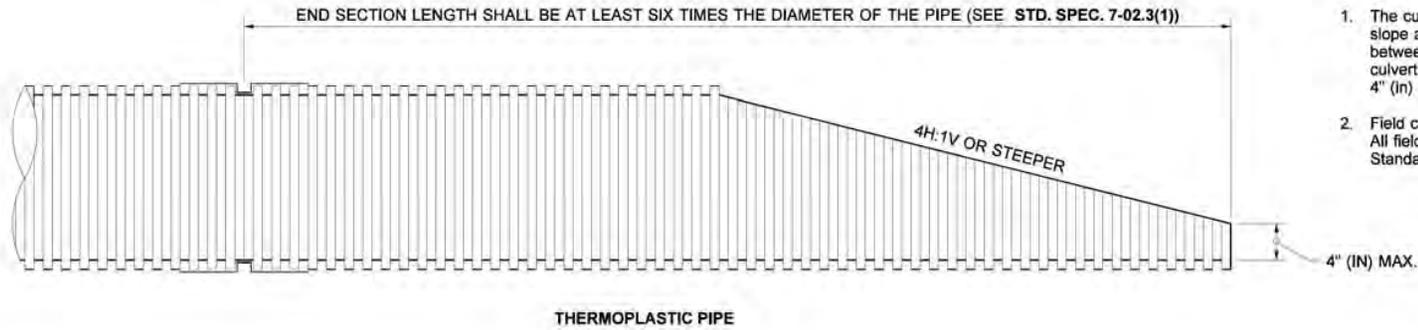
Heilman, Julie  
Feb 20 2018 12:56 PM

**COUPLING BANDS FOR  
CORRUGATED METAL PIPE  
STANDARD PLAN B-60.40-01**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION  
Carpenter, Jeff  
Feb 27 2018 8:02 AM

Washington State Department of Transportation



**NOTES**

1. The culvert ends shall be mitered to match the embankment or ditch slope and shall not be mitered flatter than 4H : 1V. When slopes are between 4H : 1 V and 6H : 1 V, shape the slope in the vicinity of the culvert end to ensure that no part of the culvert protrudes more than 4" (in) above the ground line.
2. Field cutting of culvert ends is permitted when approved by the Engineer. All field-cut culvert pipe shall be treated with treatment as shown in the Standard Specifications or General Special Provisions.

**FOR CULVERTS 30" (IN)  
DIAMETER OR LESS**



Mar 14, 2022

**MITERED END SECTIONS**

**STANDARD PLAN B-70.20-01**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

*Mark Gaines*  
Mark Gaines, Mar 15, 2022 2:58:41 PM

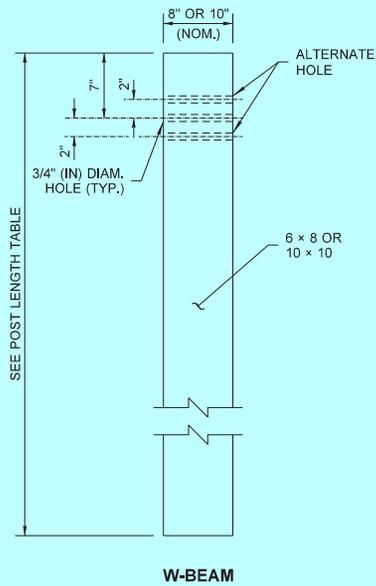
Mar 15, 2022

STATE DESIGN ENGINEER

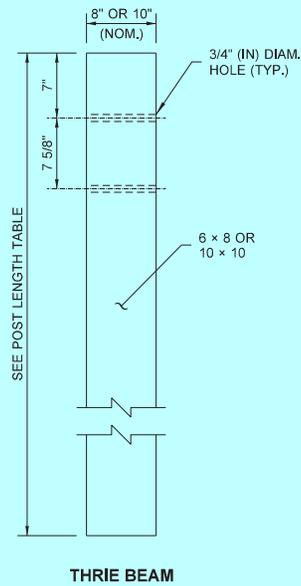


Washington State Department of Transportation

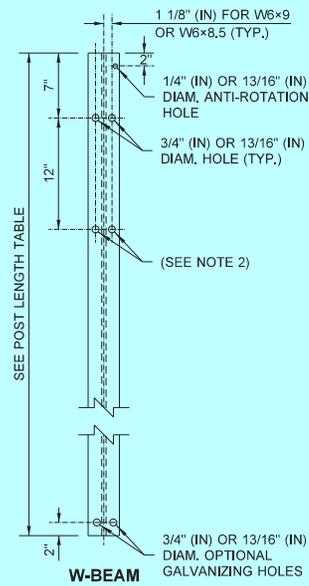
DRAWN BY: FERN LIDDELL



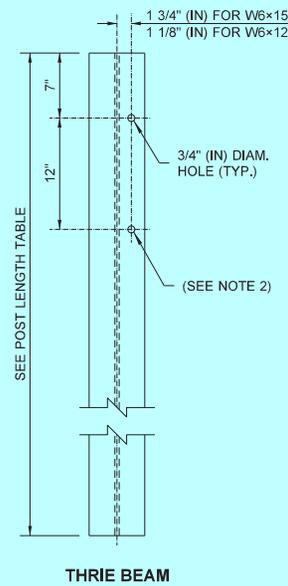
W-BEAM



THRIE BEAM



W-BEAM



THRIE BEAM

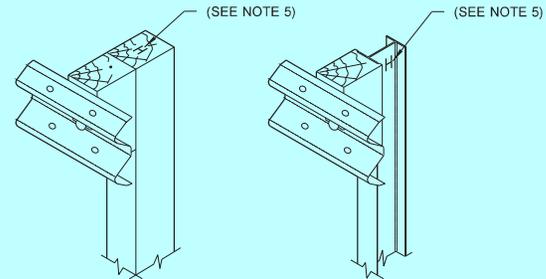
**WOOD POST**

POST LENGTH TABLE	
GUARDRAIL TYPE	LENGTH
TYPE 31	6' - 0" *
THRIE BEAM	VARIES **

\* SEE CONTRACT FOR "BEAM GUARDRAIL TYPE - \_\_ FT. LONG POST" LENGTHS. (SEE NOTE 5)

\*\* SEE STANDARD PLANS FOR THRIE BEAM POST LENGTHS

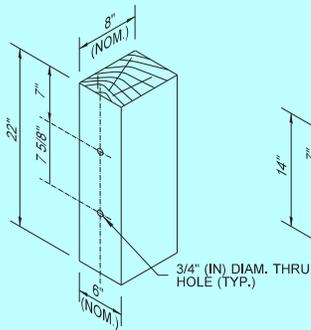
**STEEL POST**  
(SEE NOTES 3 AND 4)



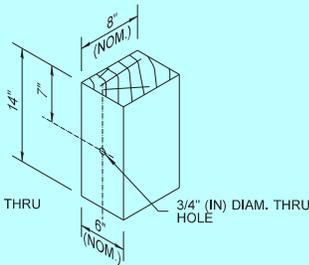
TIMBER POST

STEEL POST

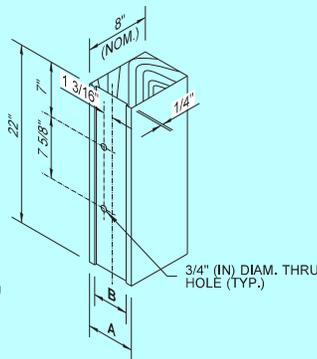
**PARTIAL ASSEMBLY DETAIL**



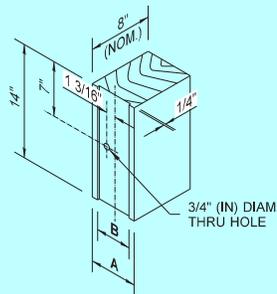
THRIE BEAM WOOD BLOCK FOR WOOD POST



W-BEAM WOOD BLOCK FOR WOOD POST



THRIE BEAM WOOD BLOCK FOR STEEL POST



W-BEAM WOOD BLOCK FOR STEEL POST

WOOD BLOCKS FOR STEEL POST TABLE		
POST	A	B
W6 x 8.5	6" ***	4 1/4"
W6 x 9	6" ***	4 1/4"
W6 x 12	6" ***	4 1/4"
W6 x 15	8" ***	6 1/4"

\*\*\* NOMINAL (NOM.)

**NOTES**

1. Wood posts for all guardrail placement plans shall be 6 x 8 except where noted otherwise.
2. Lower hole is for w-beam rub rail of Beam Guardrail Type 31-Buried Terminal Type 2.
3. W6x8.5 or W6x9 steel posts and timber blocks are alternates for 6x8 timber posts and blocks. W6x15 steel posts and timber blocks are alternates for 10x10 timber posts and blocks.
4. Attach blockouts to steel posts using bolt holes on approaching traffic side of post 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" (in) min. high and 3/4" (in) 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" (in). 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 the stamped numbers remain visible.



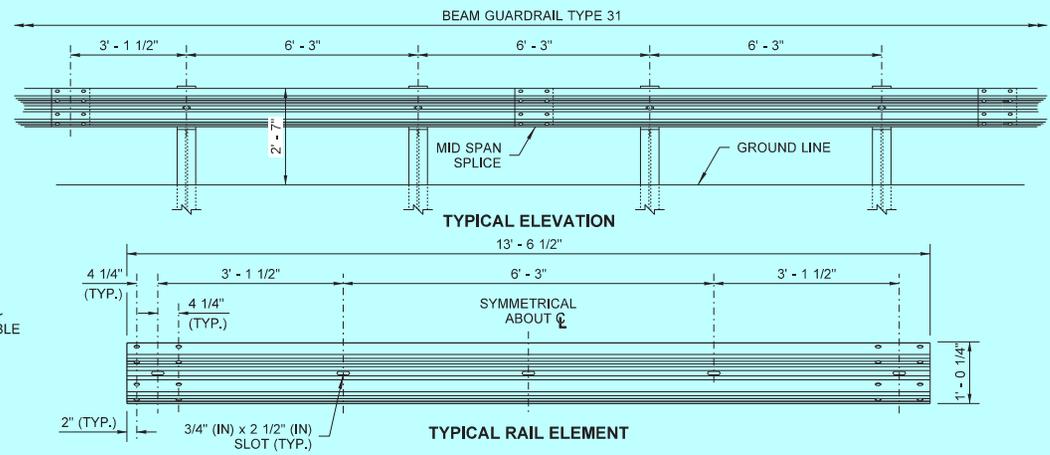
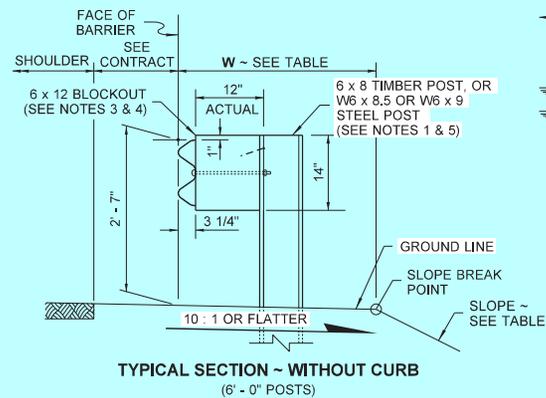
Sep 8, 2022

**BEAM GUARDRAIL POSTS AND BLOCKS**  
**STANDARD PLAN C-1b**

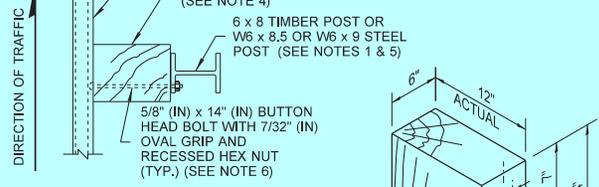
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION  
*Mark Gaines*  
 Mark Gaines (Sep 8, 2022 10:16 PDT) Sep 8, 2022  
 STATE DESIGN ENGINEER  
 Washington State Department of Transportation

DRAWN BY: FERN LIDDELL



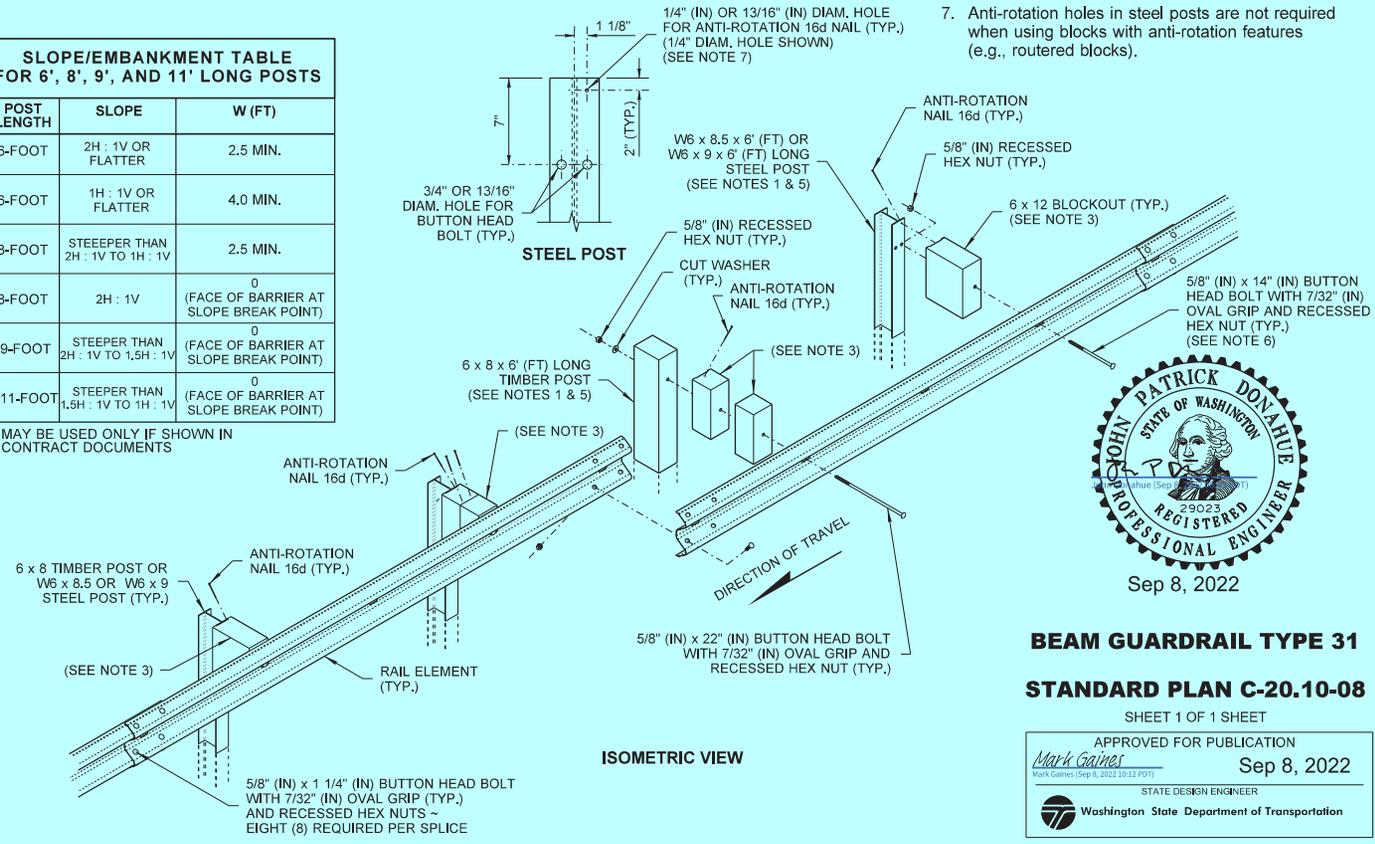
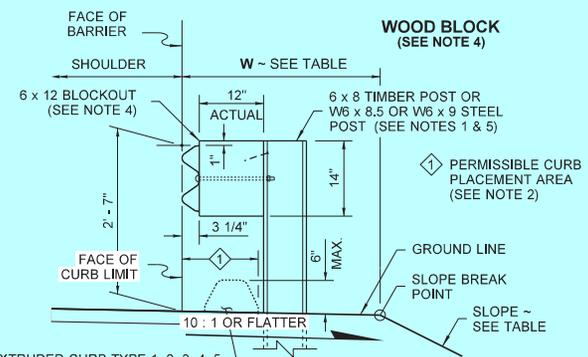
- NOTES**
1. Refer to **Standard Plan C-1b** for additional details not shown on this plan.
  2. Extend shoulder pavement to provide a base for the extruded curb. See Contract Plans for exceptions to distances shown.
  3. Use a single block or combination of blocks (no more than two (2) to achieve the actual 12" (in) offset. See **Standard Specification, Section 9-16.3(2)**. Wood blocks shall be secured to the posts with anti-rotation nails. If combination blocks are used, the adjacent blocks shall be toenailed with two 16d galvanized nails to prevent block rotation.
  4. Wood blocks are shown. Blocks of an approved alternative material may be used. See **Standard Specification, Section 9-16.3(2)**.
  5. All posts for any standard barrier run shall be of the same type: timber or steel.
  6. Attach blockouts to steel posts using bolt holes on approaching traffic side of post web.
  7. Anti-rotation holes in steel posts are not required when using blocks with anti-rotation features (e.g., routed blocks).



**SLOPE/EMBANKMENT TABLE FOR 6', 8', 9', AND 11' LONG POSTS**

POST LENGTH	SLOPE	W (FT)
6-FOOT	2H : 1V OR FLATTER	2.5 MIN.
6-FOOT	1H : 1V OR FLATTER	4.0 MIN.
8-FOOT	STEEPER THAN 2H : 1V TO 1H : 1V	2.5 MIN.
8-FOOT	2H : 1V	0 (FACE OF BARRIER AT SLOPE BREAK POINT)
★ 9-FOOT	STEEPER THAN 2H : 1V TO 1.5H : 1V	0 (FACE OF BARRIER AT SLOPE BREAK POINT)
★ 11-FOOT	STEEPER THAN 1.5H : 1V TO 1H : 1V	0 (FACE OF BARRIER AT SLOPE BREAK POINT)

★ MAY BE USED ONLY IF SHOWN IN CONTRACT DOCUMENTS



Sep 8, 2022

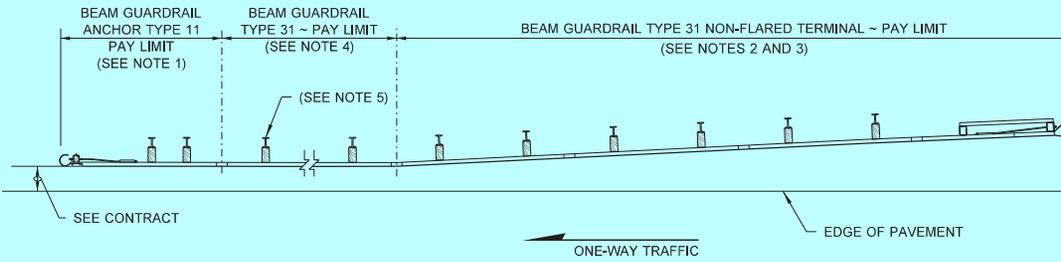
**BEAM GUARDRAIL TYPE 31**  
**STANDARD PLAN C-20.10-08**

SHEET 1 OF 1 SHEET

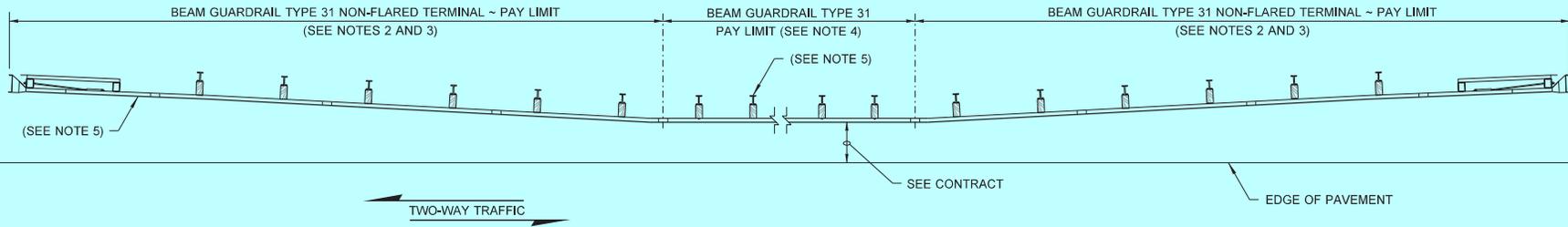
APPROVED FOR PUBLICATION  
 Mark Gaines (Sep. 8, 2022 10:12 PDT) Sep 8, 2022  
 STATE DESIGN ENGINEER  
 Washington State Department of Transportation

EXTRUDED CURB TYPE 1, 2, 3, 4, 5, OR 6, (SEE CONTRACT FOR TYPE). FOR EXTRUDED CURB DETAILS, SEE **STANDARD PLAN F-10.42**

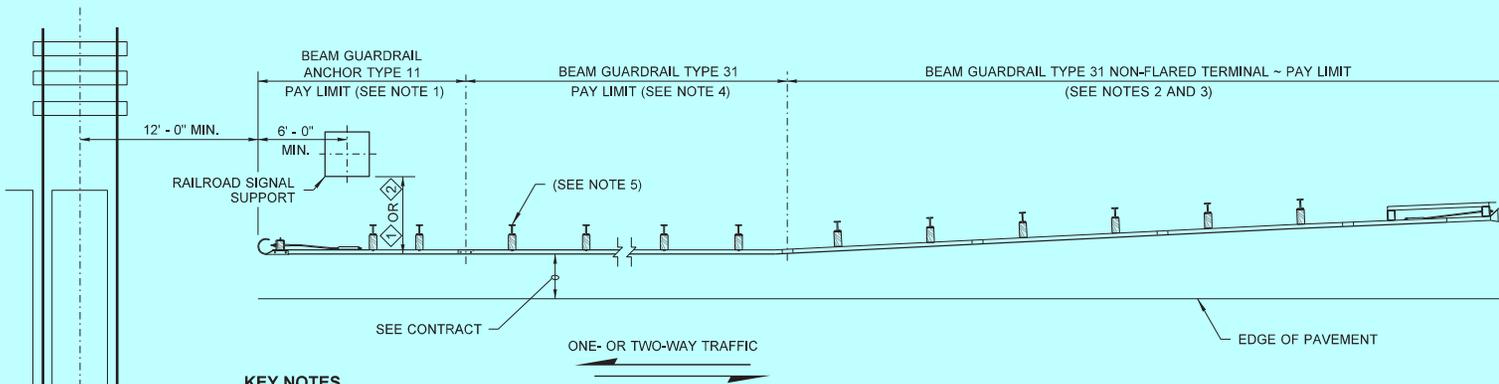
DRAWN BY: FERN LIDDELL



**CASE 1-31**



**CASE 2-31**



**CASE 3-31**

**KEY NOTES**

- ◇ 9' - 0" Min. when railroad signal support is located 25-feet or less from end of guardrail run.
- ◇ 5' - 0" Min. when railroad signal support is located greater than 25-feet from end of guardrail run.

**NOTES**

1. Where a crashworthy terminal is not required, use Beam Guardrail Anchor Type 11; see **Standard Plan C-23.70**.
2. Where a crashworthy terminal is required, use a Beam Guardrail Type 31 Non-Flared Terminal; see **Standard Plan C-22.40 or C-22.45**.
3. For terminal type and details, see Contract Plans and applicable drawings.
4. For additional details not shown on this plan, refer to **Standard Plan C-20.10**.
5. Timber or steel post. Steel post shown.



Sep 8, 2022

**BEAM GUARDRAIL TYPE 31  
PLACEMENT  
(CASES 1-31, 2-31 & 3-31)  
STANDARD PLAN C-20.14-05**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

*Mark Gaines*  
Mark Gaines (Sep 8, 2022 10:10 PDT)

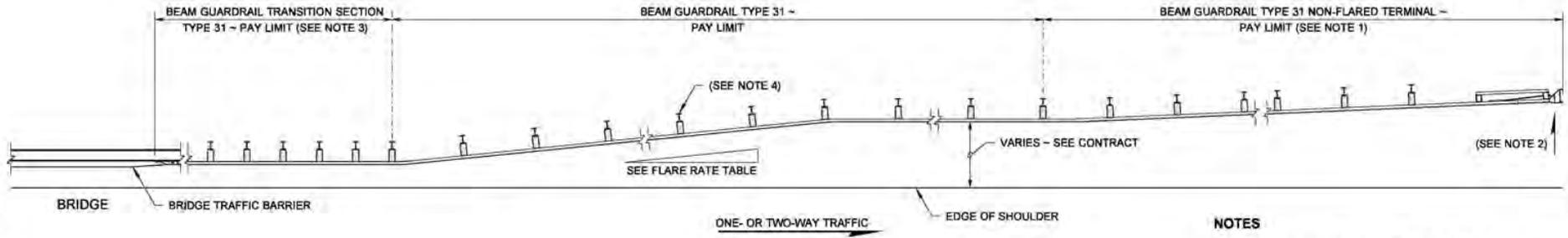
Sep 8, 2022

STATE DESIGN ENGINEER



Washington State Department of Transportation

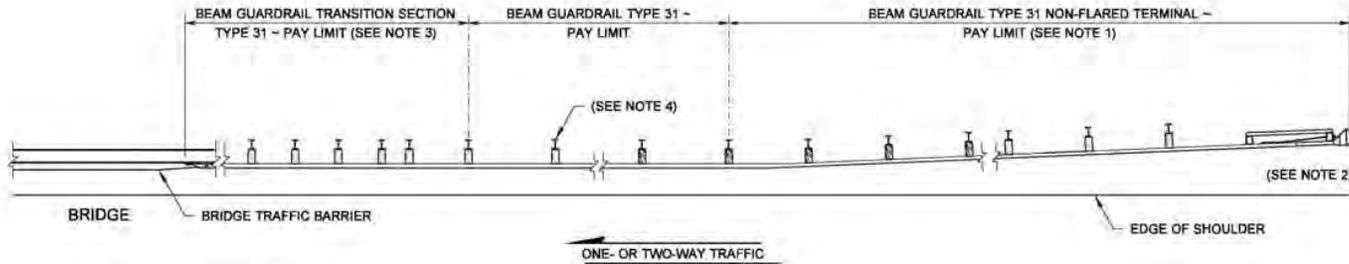
DRAWN BY: FEERN LIDDELL



**CASE 4 - 31**

**NOTES**

1. For details, see **Standard Plan C-22.40**.
2. The slope from the edge of the shoulder into the face of the guardrail should not be steeper than 10H : 1V when the guardrail is within 12' - 0" from the edge of the shoulder.
3. See Contract for Beam Guardrail Transition Section type and Connection to Bridge Traffic Barrier or Concrete Barrier. See **Standard Plan C-24.10** for connection details.
4. Timber or steel post. Steel post shown.



**CASE 5 - 31**

**FLARE RATE TABLE**

POSTED SPEED (MPH)	RATE (F)
70	15 : 1
60	14 : 1
55	12 : 1
50	11 : 1
45	10 : 1
40 OR LESS	9 : 1



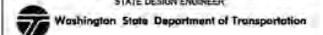
**BEAM GUARDRAIL TYPE 31  
PLACEMENT  
(CASES 4-31 & 5-31)  
STANDARD PLAN C-20.15-02**

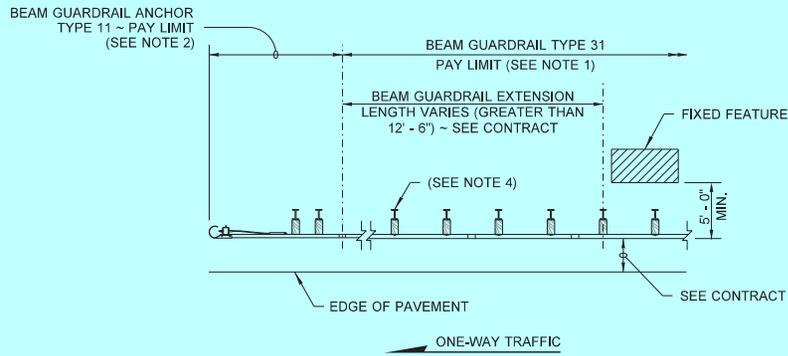
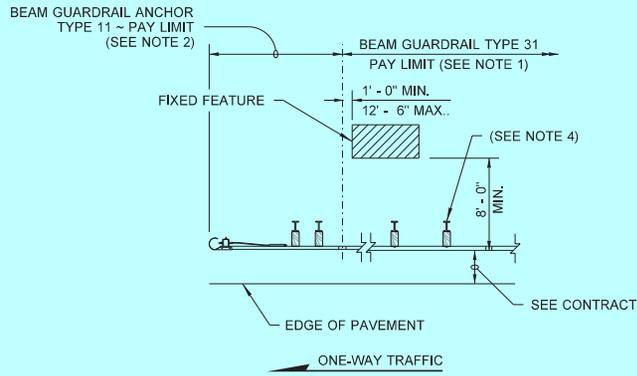
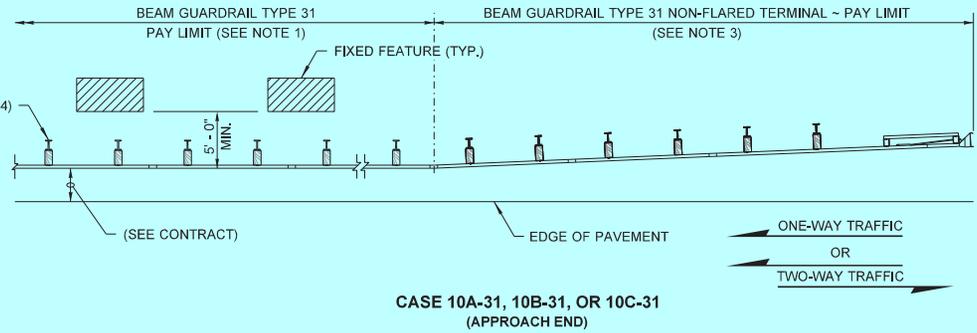
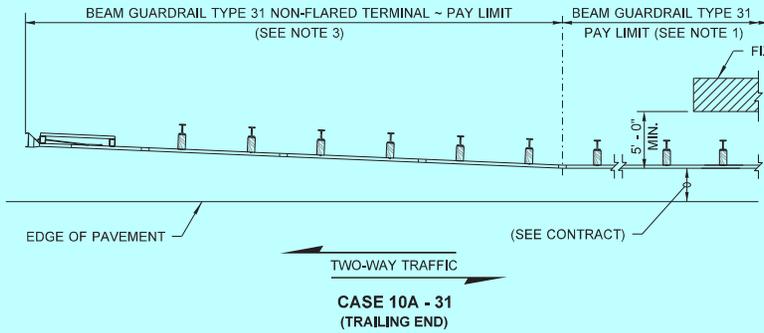
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

*Edward Patrick Barry*  
Bal-stech, Pasco  
Jan 13 2014 1:09 PM

STATE DESIGN ENGINEER





**NOTES**

1. For details see **Standard Plan C-20.10**.
2. For details, see **Standard Plan C-23.70**.
3. For details, see **Standard Plan C-22.40** or **C-22.45**.
4. Timber or steel post. Steel post shown.



Sep 8, 2022

**BEAM GUARDRAIL TYPE 31  
PLACEMENT (CASES 10A-31,  
10B-31 & 10C-31)  
STANDARD PLAN C-20.18-04**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

*Mark Gaines*  
Mark Gaines (Sep 8, 2022, 10:57 PDT)

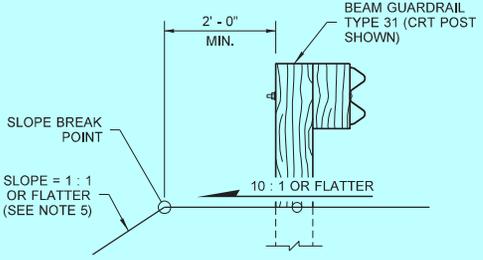
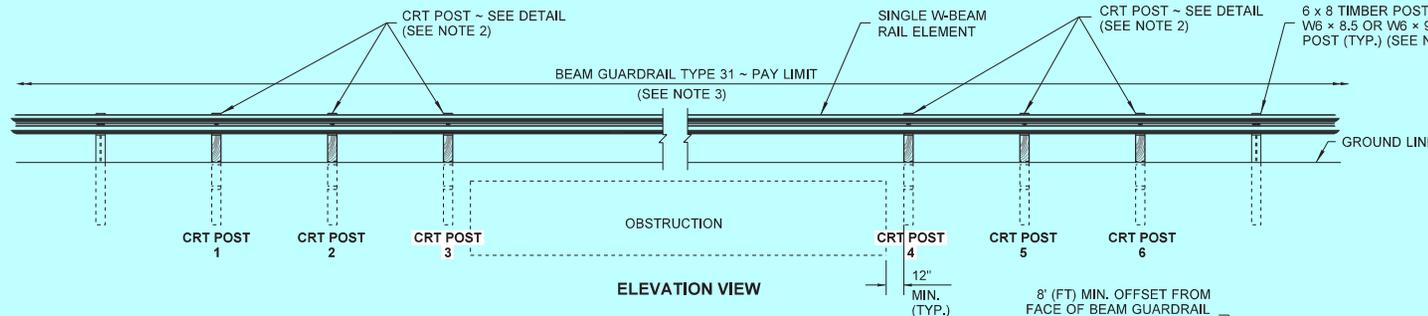
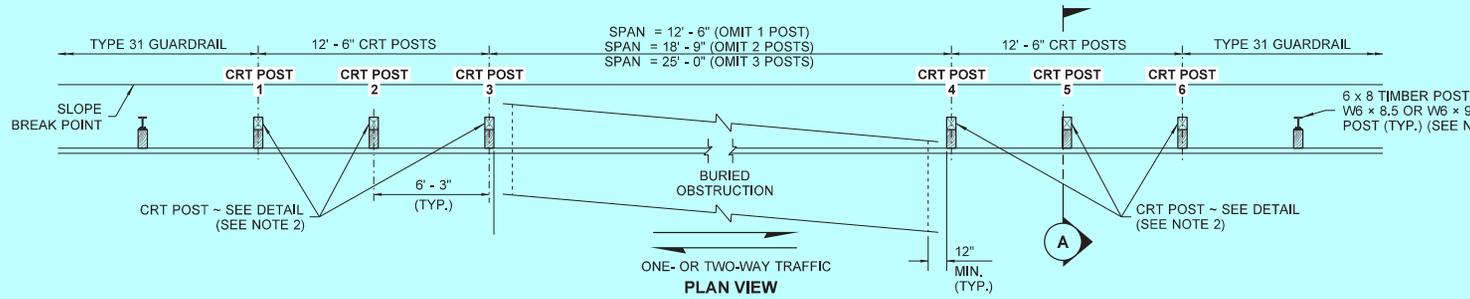
Sep 8, 2022

STATE DESIGN ENGINEER

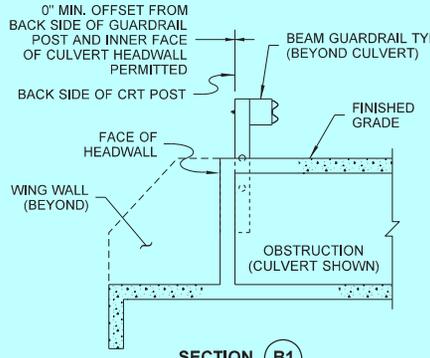


Washington State Department of Transportation

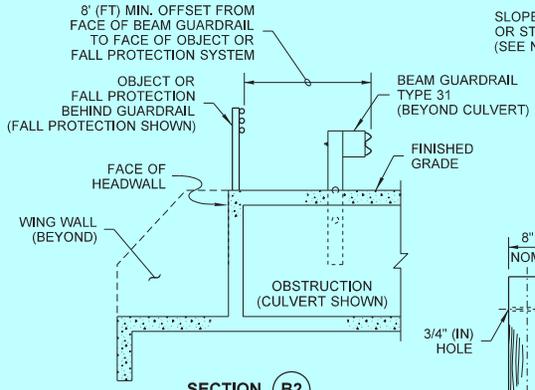
DRAWN BY: FERN LIDDELL



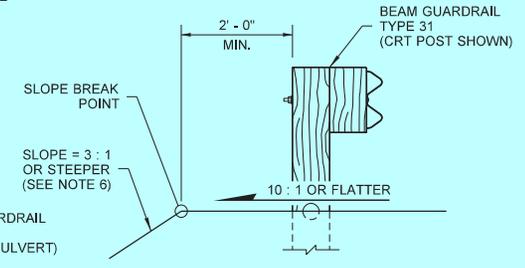
SECTION A



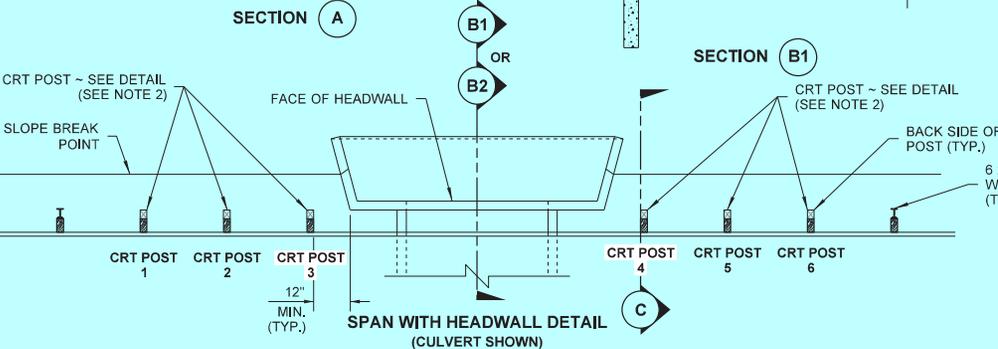
SECTION B1



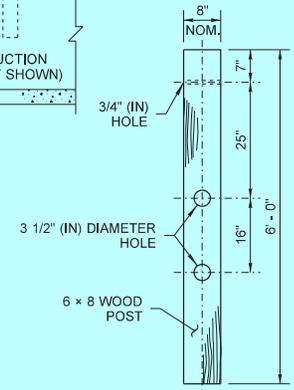
SECTION B2



SECTION C



SPAN WITH HEADWALL DETAIL (CULVERT SHOWN)



CONTROLLED RELEASING TERMINAL (CRT) POST DETAIL

**NOTES**

1. For additional details not shown on this plan, refer to **Standard Plan C-20.10** and **C-1b**.
2. CRT post to be wood.
3. Install at least **62' - 6"** (ft) (10 post spacings) of Type 31 guardrail upstream and downstream from CRT posts 1 thru 6. Length includes terminals and anchors.
4. Install at least **62.5** feet (10 post spacings) of tangent Type 31 guardrail from CRT Posts 3 and 4 before starting a taper or radius rail guardrail.
5. Grading requirements for spans without headwalls must begin at least **43.75'** (ft) (7 posts spacings) before CRT post 3, extend thru the obstruction area, and end at least **43.75'** (ft) (7 post spacings) after CRT post 4.
6. Grading requirements for spans w/ headwalls must extend **43.75'** (ft) (7 post spacings) minimum upstream and downstream from CRT posts 3 and 4.



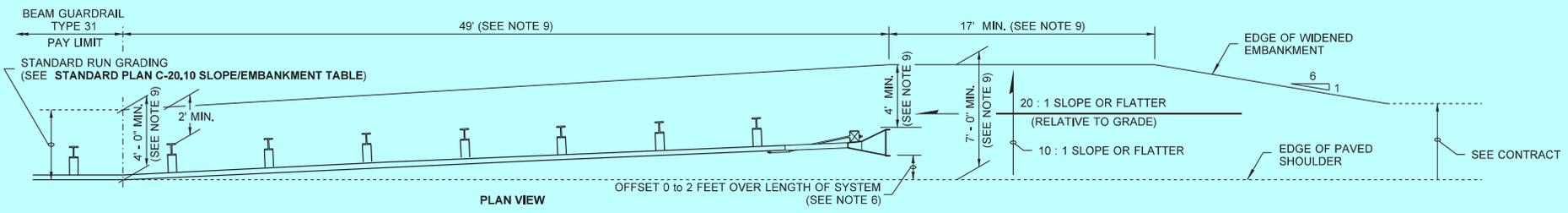
Sep 8, 2022

**BEAM GUARDRAIL TYPE 31  
PLACEMENT 12' - 6", 18' - 9",  
OR 25' - 0" SPAN  
STANDARD PLAN C-20.40-09**

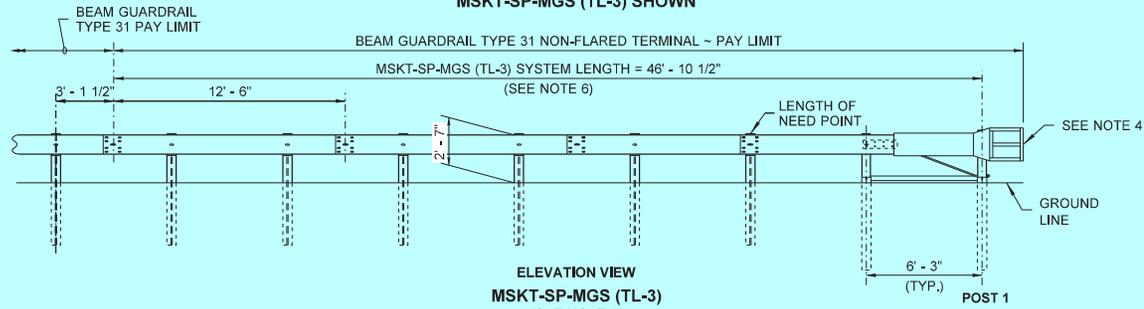
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION  
*Mark Gaines*  
 Mark Gaines (Sep 8, 2022 10:09 PDT) Sep 8, 2022  
 STATE DESIGN ENGINEER  
 Washington State Department of Transportation

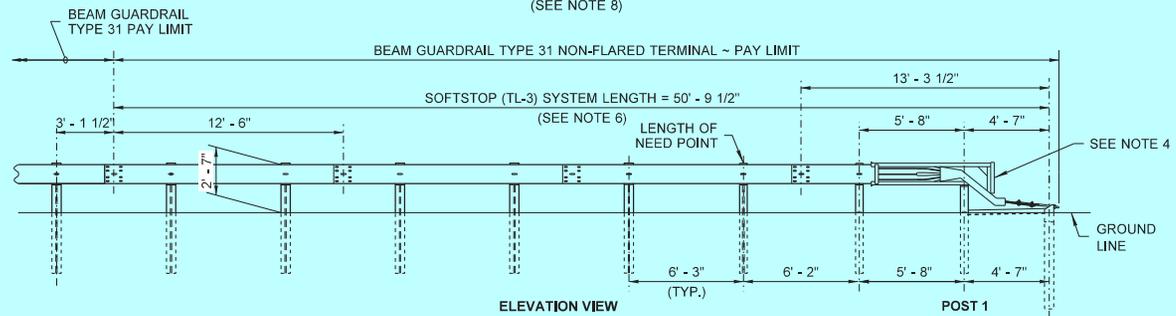
DRAWN BY: FERN JIDDELL



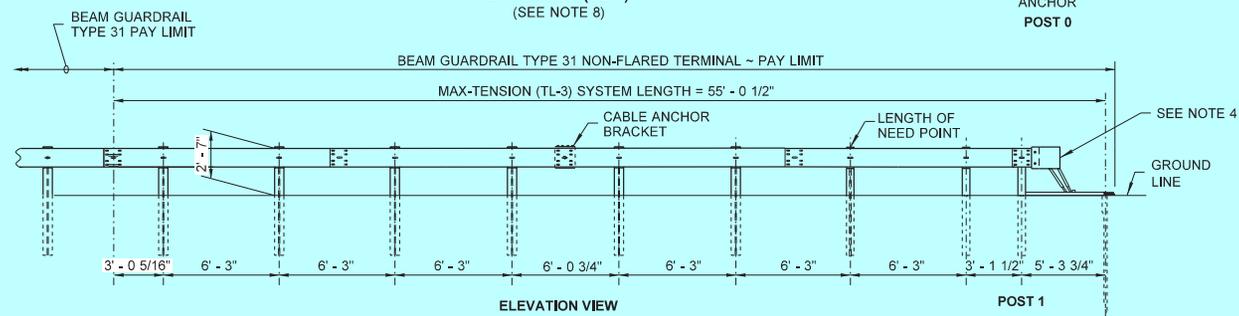
**MSKT-SP-MGS (TL-3) SHOWN**



**ELEVATION VIEW  
MSKT-SP-MGS (TL-3)**  
(SEE NOTE 8)



**ELEVATION VIEW  
SOFTSTOP (TL-3)**  
(SEE NOTE 8)



**ELEVATION VIEW  
MAX-TENSION (TL-3)**  
(SEE NOTE 8)

**NOTES**

1. The Implementation of the Manual for Assessment of Safety Hardware (MASH) criteria may result in the acceptance of guardrail terminal systems currently not shown on this plan. Non-Flared terminals shall be selected from the WSDOT Qualified Products List (QPL) or approved through the WSDOT Request for Approval of Materials (RAM) process.
2. This terminal is MASH compliant at Test Level Three (TL-3) and may be used for all posted speeds.
3. An MSKT-SP-MGS (TL-3) as manufactured by Road Systems, Inc, SOFTSTOP (TL-3) as manufactured by Trinity Highway Products, LLC, or MAX-TENSION (TL-3) as manufactured by Lindsay Transportation Solutions, shall be installed according to manufacturer's recommendations.
4. A reflectorized object marker shall be installed according to manufacturer's recommendations.
5. Snow load rail washers shall not be installed within the terminal limits.
6. Provide an offset between 0 to 2' (ft) so that the impact head does not encroach onto the paved shoulder. The offset is provided over the length of the terminal system from the center of the last post splice to either: (1) The face of the impact head at its leading edge (MSKT-SP-MGS), or (2) The center of Anchor Post 0 (Softstop or Max-Tension). Provide maximum offset where practicable.
7. For terminal details, see WSDOT approved manufacturer's drawings.
8. These terminals are supplied with steel posts only. They can be used with beam guardrail Type 31 runs composed of steel or wood guardrail posts.
9. The widened embankment dimensions shown on this plan will satisfy the installation requirements of all 3 guardrail terminal systems shown on this plan.

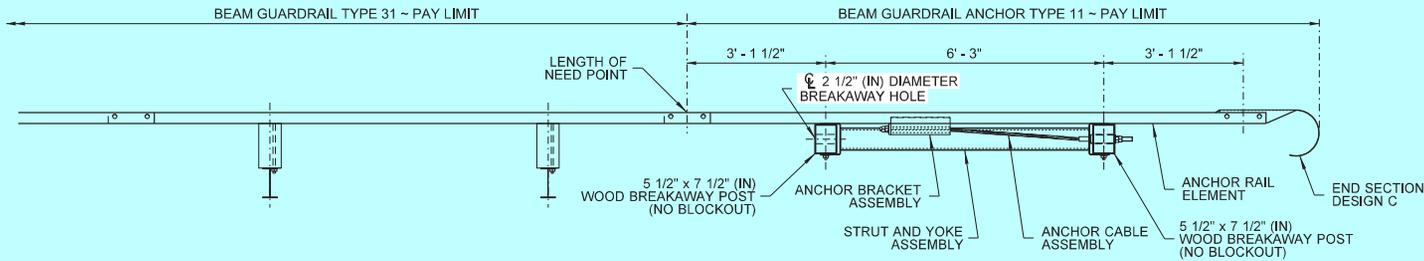


Sep 8, 2022

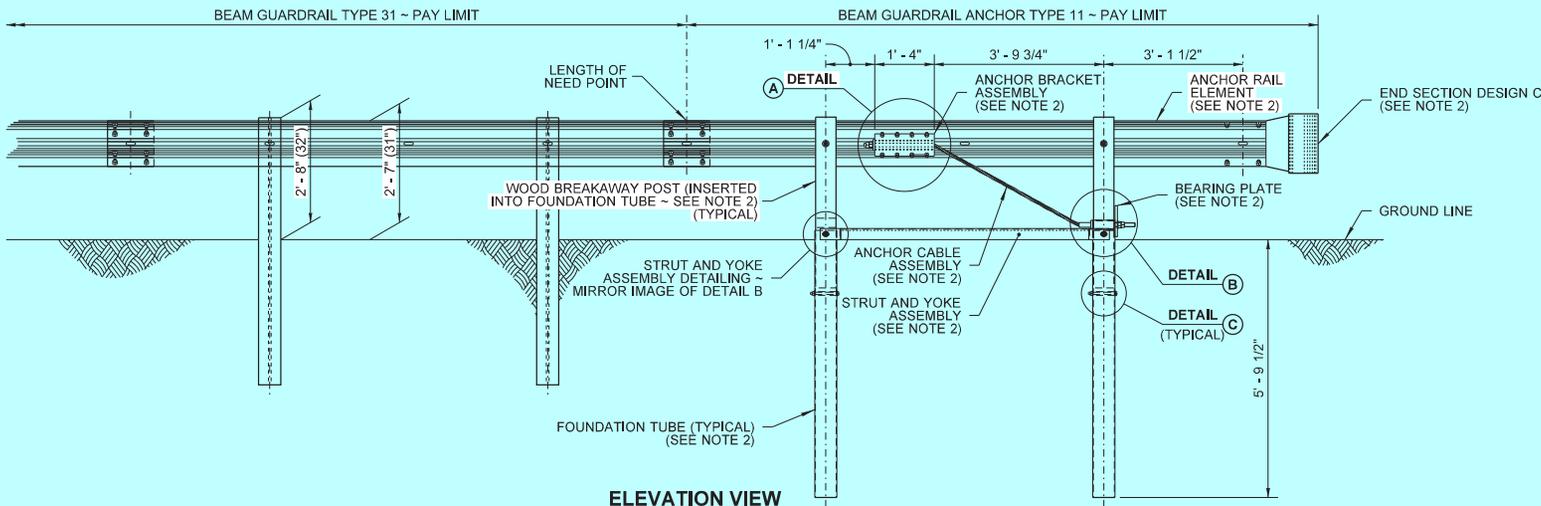
**BEAM GUARDRAIL TYPE 31  
NON-FLARED TERMINAL  
(ALL POSTED SPEEDS)  
STANDARD PLAN C-22.40-09**

SHEET 1 OF 1 SHEET

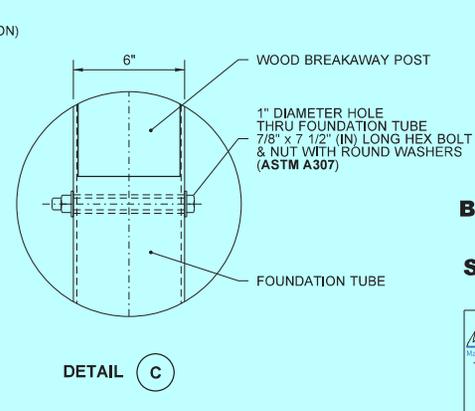
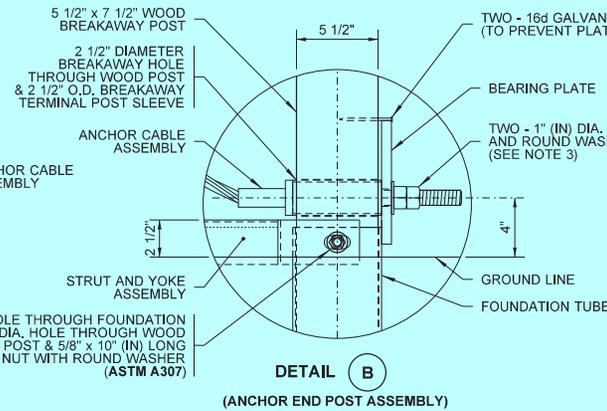
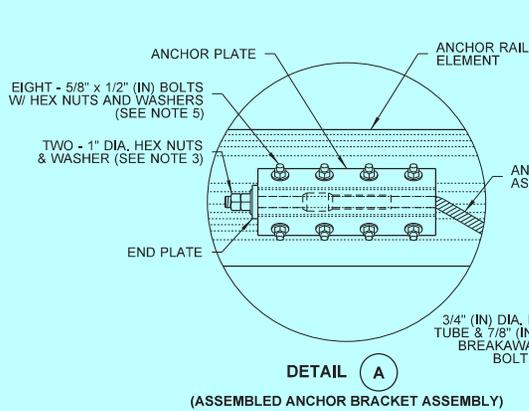
APPROVED FOR PUBLICATION  
*Mark Gaines*  
 Mark Gaines (Sep 8, 2022 10:01 PDT)  
 STATE DESIGN ENGINEER  
 Sep 8, 2022  
 Washington State Department of Transportation



**PLAN VIEW**



**ELEVATION VIEW**



**NOTES**

1. For typical rail element and post details not shown on this plan refer to Standard Plans **C-20.10** and **C-1b**.
2. For additional details not shown, see **Sheet 2** of this Plan.
3. Fasten the Anchor Cable using two 1" (in) nuts and washer, at both ends of cable. Outside nut shall be torqued against inside nut a minimum of 100 ft.-lbs.
4. It is permissible to fabricate the anchor plate from 1/4" (in) thick plates welded to equal strength and dimensions as shown.
5. Eight 5/8" x 1 1/2" (in) machine bolts with hex nut and washer. Place washer on face side of rail.
6. Galvanizing of Anchor metal components shall be in accordance with **Standard Specification Section 9-16.3(5)**.



Aug 22, 2022

**BEAM GUARDRAIL (TYPE 31)  
ANCHOR TYPE 11**

**STANDARD PLAN C-23.70-00**

SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

*Mark Gaines*  
Mark Gaines (Aug 22, 2022 10:58 PDT)

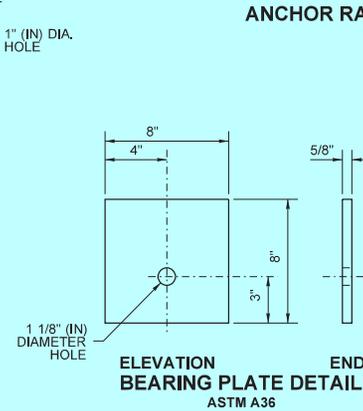
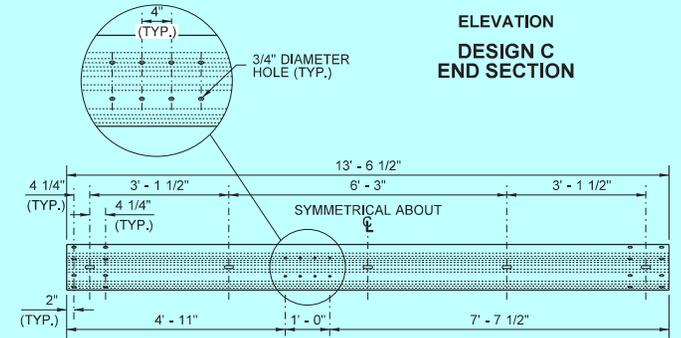
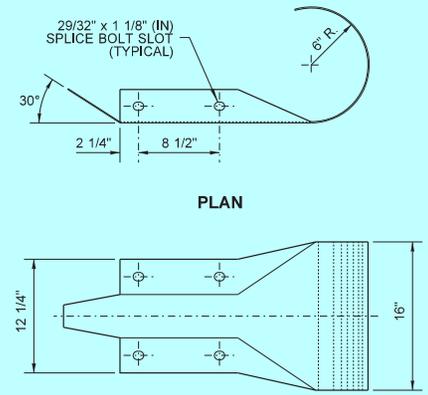
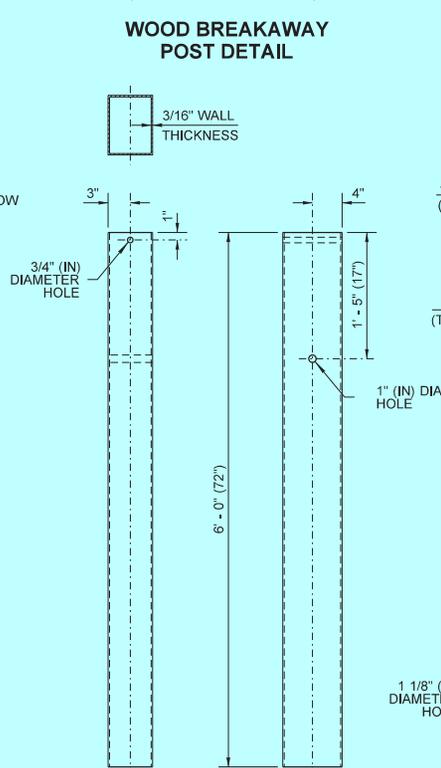
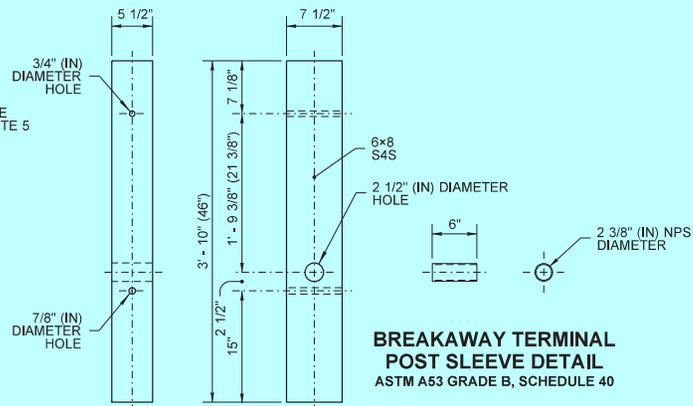
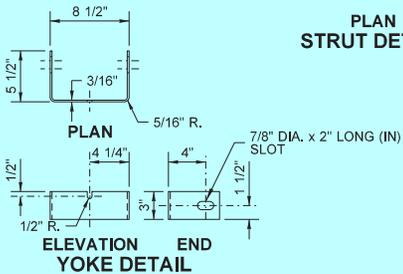
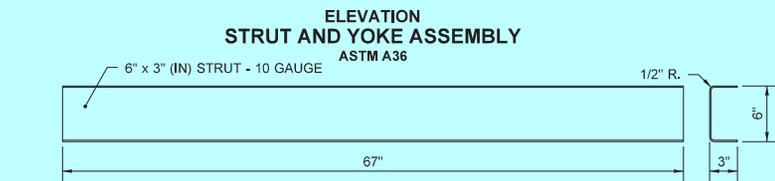
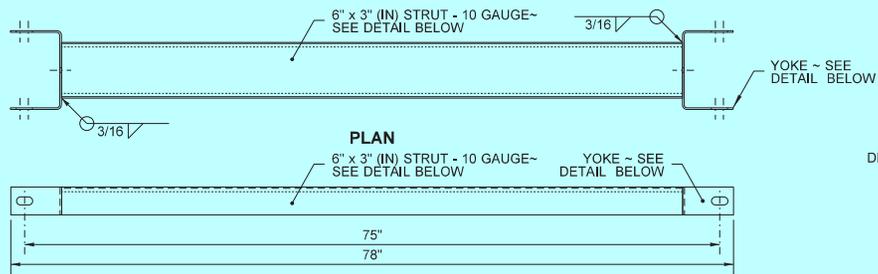
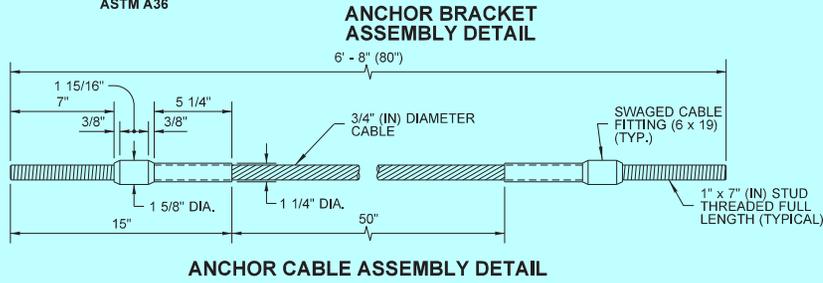
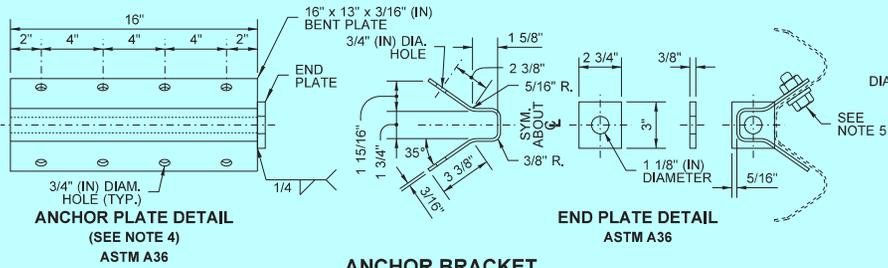
Aug 22, 2022

STATE DESIGN ENGINEER



Washington State Department of Transportation

DRAWN BY: BILL BERENS



Aug 22, 2022

**BEAM GUARDRAIL (TYPE 31)  
ANCHOR TYPE 11**

**STANDARD PLAN C-23.70-00**

SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION

Mark Gaines

Mark Gaines (Aug 22, 2022 10:58 PDT)

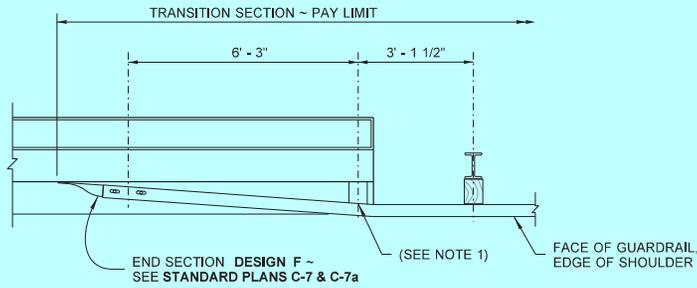
Aug 22, 2022

STATE DESIGN ENGINEER

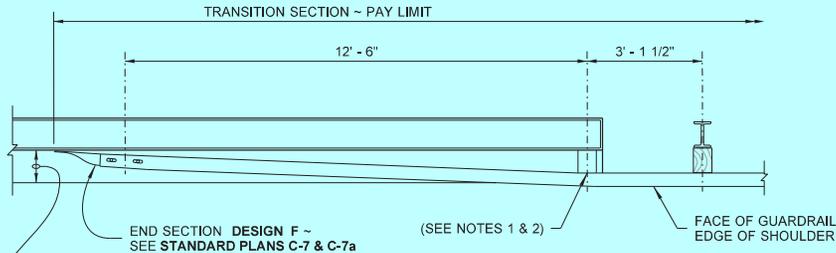


Washington State Department of Transportation

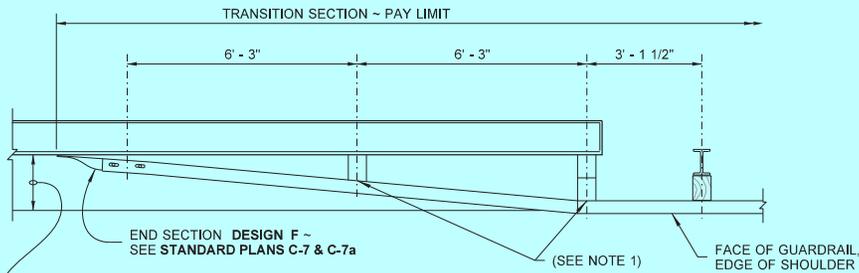
DRAWN BY: FERN LIDDELL



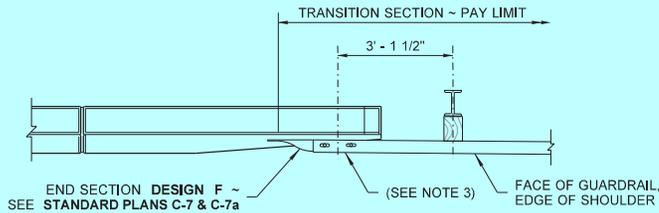
**PLAN**  
**A CONNECTION**  
(FOR UNRESTRAINED PRECAST CONCRETE BARRIER)



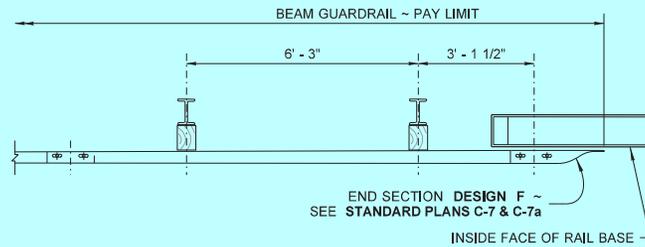
**PLAN**  
**B CONNECTION**  
(FOR BRIDGE RAILS WITH CURBS 9" (IN) OR LESS, OR SAFETY SHAPE (TYPE F, TYPE 2) BRIDGE RAIL AND CONCRETE BARRIERS)



**PLAN**  
**C CONNECTION**  
(FOR BRIDGE RAILS WITH CURBS BETWEEN 9" (IN) AND 18" (IN))



**PLAN**  
**D CONNECTION**  
(FOR VERTICAL WALLS, SINGLE SLOPE BRIDGE RAIL AND CONCRETE BARRIER, OR TAPERED SAFETY SHAPE (TYPE F, TYPE 2) BARRIER)



**PLAN**  
**F CONNECTION**  
(FOR ALL BRIDGE RAIL AND CONCRETE BARRIER TYPES LOCATED ON TRAILING ENDS OF ONE-WAY TRAFFIC ROADWAYS)

**NOTES**

1. Attach guardrail to bridge rail or concrete barrier with 7/8" (in) diameter bolts in accordance with **Standard Specification, Section 9-06.5(4)**, with thin slab ferrule inserts or resin-bonded anchors. See Contract Plans.
2. If the last guardrail post is 3" (in) or less from the end of the bridge barrier, this attachment and blockout is not necessary.
3. See Bridge Plans for additional connection details.
4. Wood blocks shown. Blocks of alternate material may be used. See **Standard Specification, Section 9-16.3 (2)**.
5. Steel posts shown. Timber posts may be used.



Jul 20, 2022

**GUARDRAIL CONNECTION TO BRIDGE RAIL OR CONCRETE BARRIER STANDARD PLAN C-24.10-03**  
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

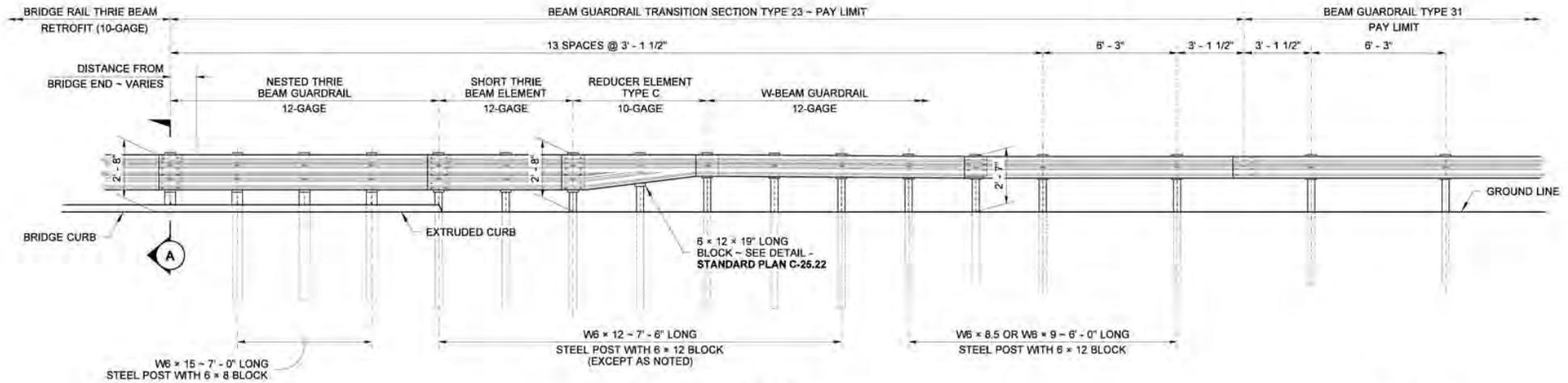
*Mark Gaines*  
Mark Gaines (Jul 24, 2022 20:21 PDT) Jul 24, 2022



DRAWN BY: FERN LIDDELL

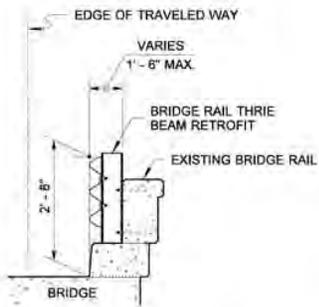
**NOTES**

1. See **Standard Plan C-1b, C-20.10, and C-25.20** for rail elements and thrie beam block details.
2. When a transition is required on the trailing end of the bridge, use a mirror image of this plan.
3. For additional alternatives not shown, see Contract Plans.
4. See **Standard Plans A-50.10, or A-50.40** for beam guardrail transition grading details at bridge ends.
5. Spacing may vary depending on application. See **Standard Specification section 9-16.3(1)** for rail element requirements.



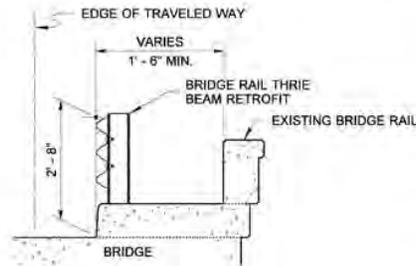
**TYPE 23**

APPROACH END (SHOWN - SEE NOTE 2)  
THRIE BEAM INSTALLED AT FACE OF CURB

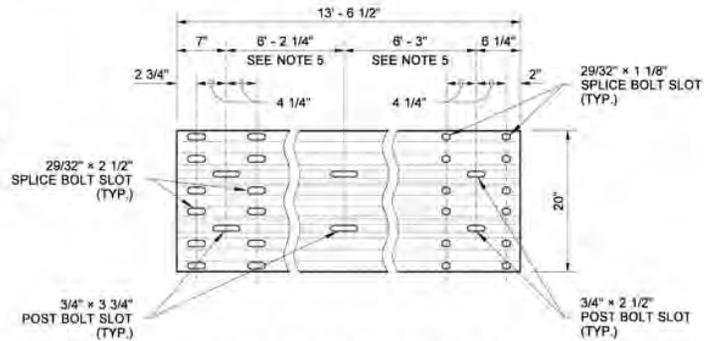


ALTERNATIVE 1

SECTION **(A)**  
(SEE NOTE 3)



ALTERNATIVE 2



THRIE BEAM EXPANSION SECTION

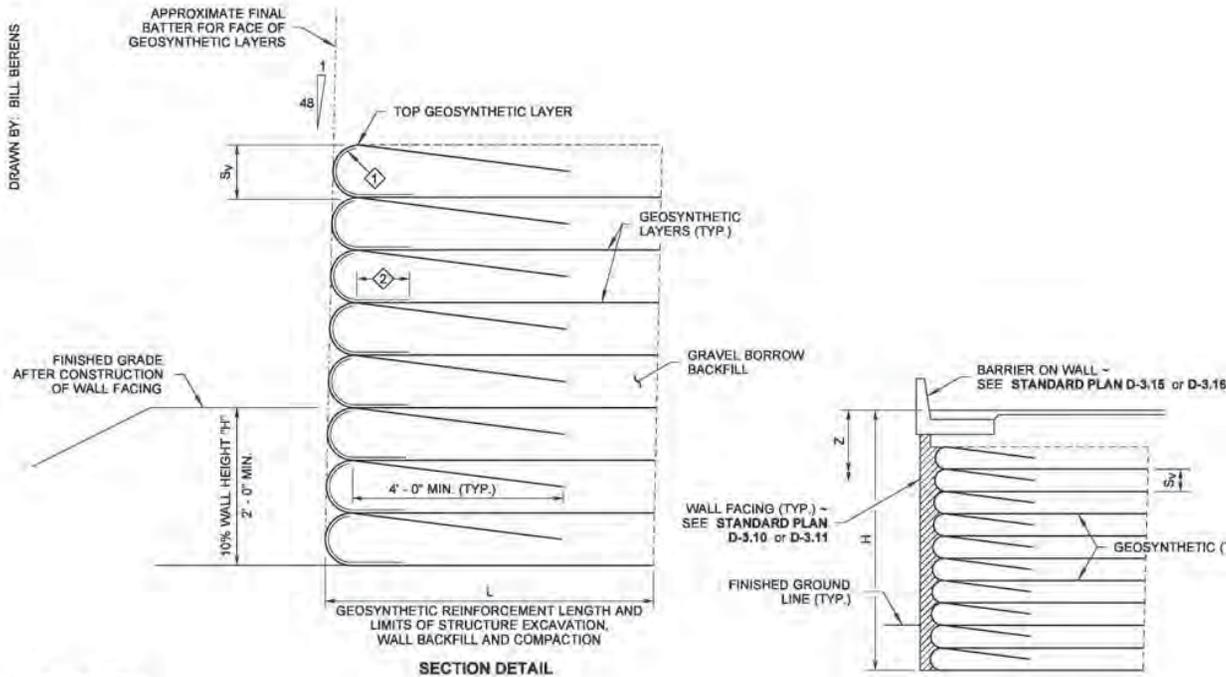


Aug 17, 2021

**BEAM GUARDRAIL (TYPE 31)  
TRANSITION SECTION  
TYPE 23  
STANDARD PLAN C-25.26-05**  
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION  
Aug 20, 2021  
STATE DESIGN ENGINEER  
Washington State Department of Transportation

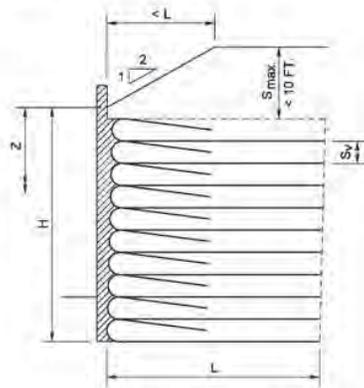
DRAWN BY: BILL BERENS



SECTION DETAIL

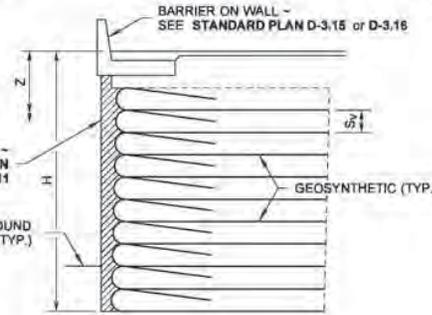
KEY NOTES

- ① GEOTEXTILE FOR UNDERGROUND DRAINAGE CLASS A, MODERATE SURVIVABILITY (ONLY NEEDED IF A GEOGRID IS USED FOR GEOSYNTHETIC REINFORCEMENT)
- ② 1'-0" MIN. GEOTEXTILE OVERLAP, TOP & BOTTOM

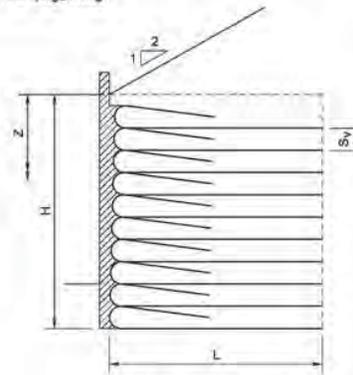


GEOSYNTHETIC WALL  
TYPE 2,  $A_g \leq 0.51g$   
TYPE 6,  $A_g \leq 0.20g$

GEOSYNTHETIC WALL WITH  
2 FT TRAFFIC SURCHARGE  
TYPE 1,  $A_g \leq 0.51g$   
TYPE 5,  $A_g \leq 0.20g$



GEOSYNTHETIC WALL  
TYPE 3,  $A_g \leq 0.51g$   
TYPE 7,  $A_g \leq 0.20g$



GEOSYNTHETIC WALL  
TYPE 4,  $A_g \leq 0.51g$   
TYPE 8,  $A_g \leq 0.20g$

NOTES

1. For the values of "L," see sheet 3, and for the values of "S<sub>v</sub>" see sheet 2.
2. For Geosynthetic Wall Construction Sequence, see sheet 4.
3. "A<sub>g</sub>" is the peak seismic ground acceleration as defined and applied in the AASHTO LRFD Bridge Design Specifications, Articles 3.10.4.1 and 11.6.5.
4. The long-term geosynthetic design strength "T<sub>al</sub>" shall be determined in accordance with WSDOT Standard Practice T925. See Qualified Products List (QPL), Appendix "D," for products in which "T<sub>al</sub>" has been determined. "H" and "Z" are graphically defined. "Z" is the distance from the top of the wall to a geosynthetic layer, and is used to determine "T<sub>al</sub>" for that layer.
5. "L," the geosynthetic reinforcement length behind the wall face, is graphically defined. The maximum factored bearing stress acts in the vertical direction at the base of the wall. The load factors used are as specified in the AASHTO LRFD Bridge Design Specifications for each specified limit state.
6. Fascia or facing type shall be selected from **Standard Plans D-3.10 or D-3.11** and called out in the Contract Plans. Region is to coordinate with the Geotechnical Services and Bridge & Structures offices.



NOTE: THIS PLAN IS NOT A REPRESENTATIVE SPECIFICATION. IT IS FOR INFORMATION ONLY. THE DESIGNER AND APPROVED FOR PUBLICATION IS RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF THE INFORMATION. A COPY MAY BE OBTAINED UPON REQUEST.

**PERMANENT  
GEOSYNTHETIC WALL  
STANDARD PLAN D-3.09-00**

SHEET 1 OF 4 SHEETS

APPROVED FOR PUBLICATION

**Pasco Bakotich III** 05/17/12  
STATE DESIGN ENGINEER DATE

Washington State Department of Transportation

PERMANENT GEOSYNTHETIC WALL - GEOSYNTHETIC REINFORCEMENT DESIGN

WALL GEOMETRY AND REINFORCEMENT LAYER LOCATION			LONG-TERM GEOSYNTHETIC REINFORCEMENT STRENGTH REQUIRED, T <sub>al</sub> (lbs/ft)*					
TOTAL WALL HEIGHT, H (ft)	DEPTH BELOW WALL TOP AT FACE, z (ft)	GEOSYNTHETIC REINFORCEMENT VERTICAL SPACING, S <sub>v</sub> (ft)	GEOSYNTHETIC WALL TYPE 1	GEOSYNTHETIC WALL TYPES 2 AND 4	GEOSYNTHETIC WALL TYPE 3	GEOSYNTHETIC WALL TYPE 5	GEOSYNTHETIC WALL TYPES 6 AND 8	GEOSYNTHETIC WALL TYPE 7
UP TO 5	5	1.0	505	240	220	505	240	220
	5	1.25	631	300	280	631	300	275
5 < H ≤ 10	0 to 10	1.0	530	500	470	528	487	460
	0 to 10	1.25	660	630	590	660	609	575
10 < H ≤ 15	0 to 10	1.0	580	820	570	584	588	545
	10.1 to 15	1.0	760	780	740	760	780	719
	0 to 10	1.25	730	770	710	730	732	681
15 < H ≤ 20	10.1 to 15	1.25	950	980	920	950	950	899
	0 to 10	1.0	584	672	616	584	626	572
	10.1 to 20	1.0	992	1072	1000	992	1032	976
	0 to 10	1.25	730	840	770	730	783	715
20 < H ≤ 25	10.1 to 20	1.25	1240	1340	1250	1240	1290	1220
	0 to 10	1.0	580	720	660	584	667	599
	10.1 to 20	1.0	1050	1180	1100	1048	1128	1064
	20.1 to 25	1.0	1220	1350	1270	1224	1304	1240
	0 to 10	1.25	730	900	820	730	834	749
25 < H ≤ 30	10.1 to 20	1.25	1310	1470	1380	1310	1410	1330
	20.1 to 25	1.25	1530	1690	1590	1530	1630	1550
	0 to 10	1.0	580	780	700	584	708	626
	10.1 to 20	1.0	1050	1240	1140	1048	1168	1088
	20.1 to 30	1.0	1460	1640	1540	1456	1576	1496
	0 to 10	1.25	730	960	870	730	865	782
30 < H ≤ 35	10.1 to 20	1.25	1310	1550	1430	1310	1490	1390
	20.1 to 30	1.25	1820	2050	1920	1820	1970	1870
	0 to 10	1.0	580	830	740	584	749	653
	10.1 to 20	1.0	1050	1290	1180	1048	1216	1120
	20.1 to 30	1.0	1510	1740	1630	1512	1680	1584
	30.1 to 35	1.0	1690	1920	1800	1688	1848	1752
	0 to 10	1.25	730	1040	925	730	936	816
	10.1 to 20	1.25	1310	1610	1460	1310	1520	1400
	20.1 to 30	1.25	1890	2180	2040	1890	2100	1980
	30.1 to 35	1.25	2110	2400	2250	2110	2310	2190

NOTE: See Note 4, sheet 1



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNLESS IT IS SIGNED AND SEALED BY AN ENGINEER OF THIS STATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION, IS LEFT FOR THE ARCHIVE. A COPY MAY BE OBTAINED UPON REQUEST.

**PERMANENT GEOSYNTHETIC WALL**  
**STANDARD PLAN D-3.09-00**

SHEET 2 OF 4 SHEETS

APPROVED FOR PUBLICATION

**Pasco Bakotich III** 05/17/12

STATE DESIGN ENGINEER DATE



Washington State Department of Transportation

DRAWN BY: BILL BERENS

**PERMANENT GEOSYNTHETIC WALL - EXTERNAL STABILITY DESIGN**  
(INCLUDES SEISMIC DESIGN FOR LARGE EARTHQUAKE:  $A_g \leq 0.51g$ )

TOTAL WALL HEIGHT, H (ft)	GEOSYNTHETIC WALL TYPE 1				GEOSYNTHETIC WALL TYPE 2				GEOSYNTHETIC WALL TYPE 3				GEOSYNTHETIC WALL TYPE 4							
	L (FT)	MAX. FACTORED BEARING STRESS (psf)				L (FT)	MAX. FACTORED BEARING STRESS (psf)				L (FT)	MAX. FACTORED BEARING STRESS (psf)				L (FT)	MAX. FACTORED BEARING STRESS (psf)			
		SERVICE 1	STRENGTH 1	EXTREME EVENT I	EXTREME EVENT II		SERVICE 1	STRENGTH 1	EXTREME EVENT I	SERVICE 1		STRENGTH 1	EXTREME EVENT I	SERVICE 1	STRENGTH 1		EXTREME EVENT I			
5	11	947	1220	1011	1192	7	1057	1535	1391	6	852	1168	1284	7	975	1343	1473			
6	11	1081	1566	1388	1949	8	1295	1862	1671	7	1028	1415	1598	9	1171	1613	1756			
7	11	1248	1800	1685	2165	9	1469	2099	1981	8	1203	1657	1890	10	1386	1882	2058			
8	11	1415	2034	1892	2381	10	1643	2336	2291	8	1378	1899	2192	11	1561	2151	2360			
9	11	1582	2268	2279	2597	11	1817	2573	2601	9	1553	2141	2474	12	1756	2420	2662			
10	11	1768	2531	2609	3278	11	2069	2988	3006	10	1738	2394	2811	14	1951	2685	2947			
11	11	1916	2736	2873	3029	12	2165	3047	3221	11	1903	2625	3058	15	2146	2958	3266			
12	11	2083	2970	3170	3245	13	2339	3284	3531	12	2078	2867	3350	16	2341	3227	3668			
13	11	2250	3204	3467	3461	14	2513	3621	3841	13	2253	3109	3642	18	2536	3496	3870			
14	11	2417	3438	3764	3677	15	2687	3758	4151	14	2428	3351	3934	19	2731	3765	4172			
15	11	2650	3783	4198	4176	16	2800	3872	4374	15	2607	3590	4216	20	2924	4029	4494			
16	11	2751	3909	4358	4238	17	3035	4232	4771	16	2778	3835	4518	22	3121	4303	4776			
17	12	2918	4140	4655	4325	18	3209	4489	5081	17	2953	4077	4810	23	3316	4572	5078			
18	13	3085	4374	4952	4541	18	3383	4708	5391	18	3128	4319	5102	24	3511	4841	5380			
19	14	3252	4608	5249	4757	19	3557	4943	5701	19	3303	4561	5394	25	3706	5110	5682			
20	15	3412	4835	5424	4927	21	3811	5286	5975	20	3476	4787	5621	27	3899	5371	5965			
21	15	3586	5076	5843	5189	21	3905	5417	6321	21	3653	5045	5978	28	4096	5648	6286			
22	16	3753	5310	6140	5405	22	4079	5654	6631	22	3828	5287	6270	29	4291	5917	6588			
23	16	3920	5544	6437	5621	23	4253	5891	6941	23	4003	5529	6562	31	4486	6186	6890			
24	17	4087	5778	6734	5837	24	4427	6128	7251	23	4178	5771	6854	32	4681	6455	7192			
25	18	4268	6038	7040	6027	25	4629	6404	7505	24	4375	6032	7230	33	4873	6716	7519			
26	18	4421	6246	7328	6269	25	4775	6602	7871	25	4528	6255	7436	35	5071	6993	7796			
27	19	4588	6480	7625	6485	26	4948	6839	8181	26	4703	6497	7730	36	5266	7262	8098			
28	19	4755	6714	7922	6701	27	5123	7076	8491	27	4878	6739	8022	37	5461	7531	8400			
29	20	4922	6948	8219	6917	28	5297	7313	8801	28	5053	6981	8314	38	5656	7800	8702			
30	21	5123	7239	8698	7148	29	5446	7548	9093	29	5244	7236	8602	40	5848	8077	8985			
31	22	5256	7416	8913	7349	30	5645	7787	9421	30	5403	7485	8888	41	6046	8338	9306			
32	23	5423	7660	9110	7565	30	5819	8024	9731	31	5578	7707	9190	42	6241	8607	9608			
33	24	5590	7884	9407	7781	31	5993	8261	10041	32	5753	7949	9482	44	6436	8876	9910			
34	25	5757	8118	9704	7997	32	6167	8498	10351	33	5928	8191	9774	45	6631	9145	10212			
35	25	5893	8251	9874	8080	32	6320	8737	10786	34	6112	8425	10035	46	6823	9403	10544			

NOTE: See General Note 5, sheet 1.

**PERMANENT GEOSYNTHETIC WALL - EXTERNAL STABILITY DESIGN**  
(INCLUDES SEISMIC DESIGN FOR LARGE EARTHQUAKE:  $A_g \leq 0.20g$ )

TOTAL WALL HEIGHT, H (ft)	GEOSYNTHETIC WALL TYPE 5				GEOSYNTHETIC WALL TYPE 6				GEOSYNTHETIC WALL TYPE 7				GEOSYNTHETIC WALL TYPE 8							
	L (FT)	MAX. FACTORED BEARING STRESS (psf)				L (FT)	MAX. FACTORED BEARING STRESS (psf)				L (FT)	MAX. FACTORED BEARING STRESS (psf)				L (FT)	MAX. FACTORED BEARING STRESS (psf)			
		SERVICE 1	STRENGTH 1	EXTREME EVENT I	EXTREME EVENT II		SERVICE 1	STRENGTH 1	EXTREME EVENT I	SERVICE 1		STRENGTH 1	EXTREME EVENT I	SERVICE 1	STRENGTH 1		EXTREME EVENT I			
5	11	847	1220	992	1192	6	1057	1535	1294	6	852	1168	1155	6	977	1349	1328			
6	11	1105	1607	1320	1688	6	1358	1928	1574	6	1107	1536	1560	6	1278	1786	1868			
7	11	1273	1843	1553	2090	6	1669	2226	1889	6	1302	1809	1842	6	1504	2105	2214			
8	10	1441	2079	1796	2463	7	1780	2527	2211	7	1487	2082	2124	7	1730	2424	2560			
9	10	1609	2315	2019	2908	7	1991	2831	2540	7	1692	2355	2406	7	1956	2743	2906			
10	10	1788	2591	2229	3278	7	2286	3372	2716	7	1924	2692	2773	7	2228	3145	3381			
11	10	1945	2787	2485	3424	8	2413	3445	3213	8	2062	2901	2970	8	2408	3391	3598			
12	10	2113	3023	2718	3899	9	2624	3755	3555	9	2277	3174	3252	9	2634	3700	3944			
13	11	2281	3259	2951	3954	10	2835	4068	3901	10	2472	3447	3534	10	2860	4019	4290			
14	11	2449	3495	3184	4180	11	3046	4378	4249	11	2687	3720	3816	11	3085	4338	4636			
15	11	2711	3884	3516	4396	11	3245	4598	4737	11	2886	4037	4159	11	3342	4718	5072			
16	12	2785	3967	3650	4616	12	3468	5004	4948	12	3057	4266	4380	12	3538	4976	5328			
17	12	2953	4203	3883	4609	12	3679	5316	5297	12	3252	4539	4662	12	3764	5295	5674			
18	13	3121	4439	4116	4990	13	3890	5628	5644	13	3447	4812	4944	13	3990	5614	6020			
19	14	3289	4675	4349	5163	14	4101	5939	5990	14	3642	5065	5226	14	4216	5933	6366			
20	14	3522	5015	4642	5201	14	4326	6125	6321	14	3848	5383	5546	14	4456	6291	6782			
21	15	3625	5147	4815	5489	15	4523	6557	6672	15	4032	5631	5790	15	4668	6571	7058			
22	16	3793	5383	5048	5646	16	4734	6983	7006	16	4227	5904	6072	16	4894	6890	7404			
23	17	3961	5619	5281	5801	17	4945	7168	7335	17	4422	6177	6354	17	5120	7209	7750			
24	18	4129	5855	5514	5955	18	5156	7468	7657	18	4617	6450	6636	18	5346	7528	8095			
25	18	4325	6131	5763	7683	18	5417	7893	7891	18	4810	6729	6932	18	5578	7863	8453			
26	19	4486	6327	5980	8272	19	5578	8057	8280	19	5007	6996	7200	19	5798	8166	8788			
27	19	4633	6563	6213	8438	19	5789	8346	8578	19	5202	7269	7482	19	6024	8485	9134			
28	20	4801	6799	6446	8611	20	6000	8631	8886	20	5397	7542	7784	20	6250	8804	9480			
29	21	4969	7035	6679	8793	21	6211	8912	9144	21	5592	7815	8046	21	6476	9123	9826			
30	21	5123	7238	6881	7148	21	6577	9408	9515	21	5773	8075	8319	21	6684	9436	10143			
31	22	5305	7507	7145	7192	22	6633	9457	9684	22	5982	8361	8610	22	6928	9761	10518			
32	23	5473	7743	7378	7412	23	6844	9720	9905	23	6177	8634	8892	23	7154	10080	10854			
33	24	5641	7979	7611	7649	24	7055	9978	10131	24	6372	8907	9174	24	7380	10399	11210			
34	25	5809	8215	7844	7904	25	7266	10229	10343	25	6567	9180	9456	25	7606	10718	11556			
35	25	5918	8341	7998	8177	25	7311	10373	10550	25	6735	9421	9705	25	7798	11009	11854			

NOTE: See Note 5, sheet 1.



NOTE: THESE WALLS ARE DESIGNED TO BE CONSIDERED AS EXISTING WALLS. THE DESIGNER ASSUMES RESPONSIBILITY FOR THE DESIGN AND APPROVAL OF THE WALLS. THE DESIGNER ASSUMES RESPONSIBILITY FOR THE DESIGN AND APPROVAL OF THE WALLS. THE DESIGNER ASSUMES RESPONSIBILITY FOR THE DESIGN AND APPROVAL OF THE WALLS.

**PERMANENT GEOSYNTHETIC WALL**  
**STANDARD PLAN D-3.09-00**

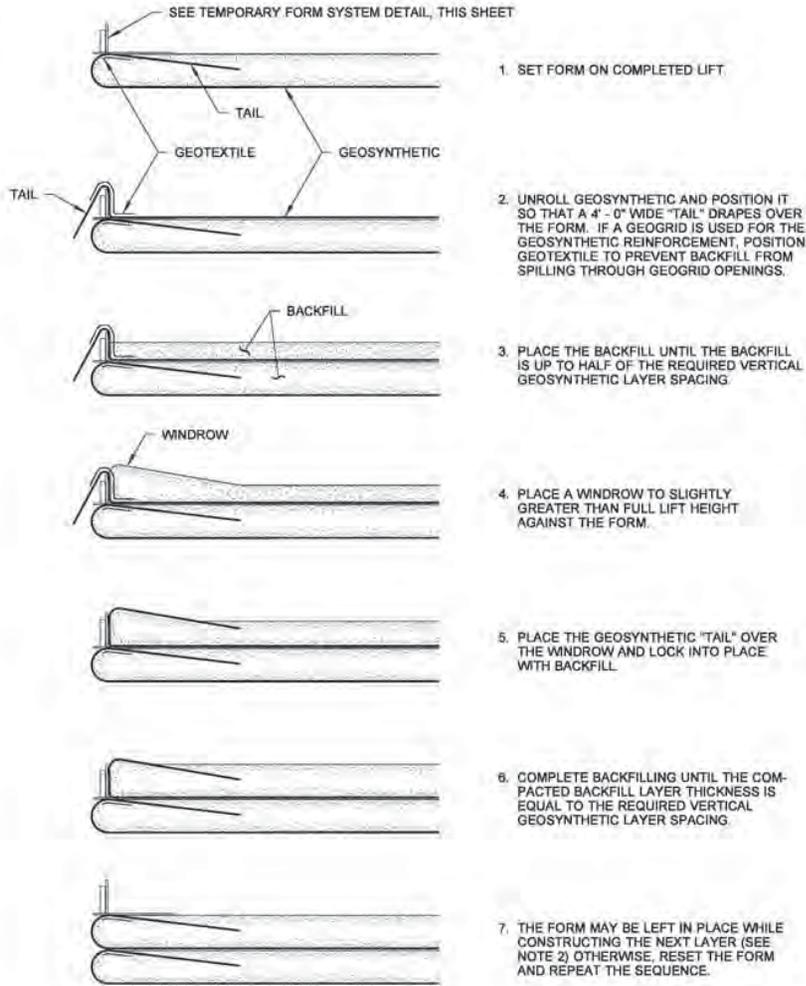
SHEET 3 OF 4 SHEETS

APPROVED FOR PUBLICATION

**Pasco Bakotich III** 05/17/12

STATE DESIGN ENGINEER DATE

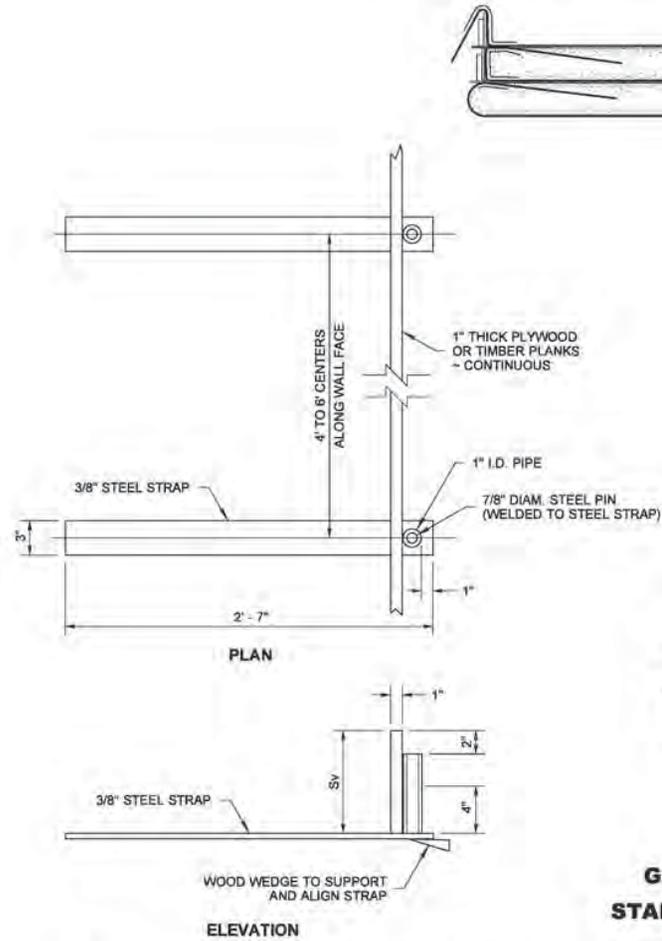
Washington State Department of Transportation



**GEOSYNTHETIC WALL CONSTRUCTION SEQUENCE**  
(SECTION VIEW)

**NOTES(SHEET)**

1. Use of the Temporary Form System, as detailed in this plan, is optional.
2. To help maintain the wall face batter, leave the form system for the preceding layer in place while constructing the next layer. When the upper layer is complete, remove the form system from the lower layer and reset it for the next layer. See below.



**TEMPORARY FORM SYSTEM DETAIL**



NOTICE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNLESS IT IS SIGNED AND SEALED BY THE ENGINEER AND APPROVED BY THE BOARD OF ENGINEERS. THIS PLAN IS THE PROPERTY OF PASCO BAKOTICH III AND SHALL REMAIN THE PROPERTY OF PASCO BAKOTICH III. NO COPY MAY BE DISTRIBUTED WITHOUT PERMISSION.

**PERMANENT GEOSYNTHETIC WALL**  
**STANDARD PLAN D-3.09-00**

SHEET 4 OF 4 SHEETS

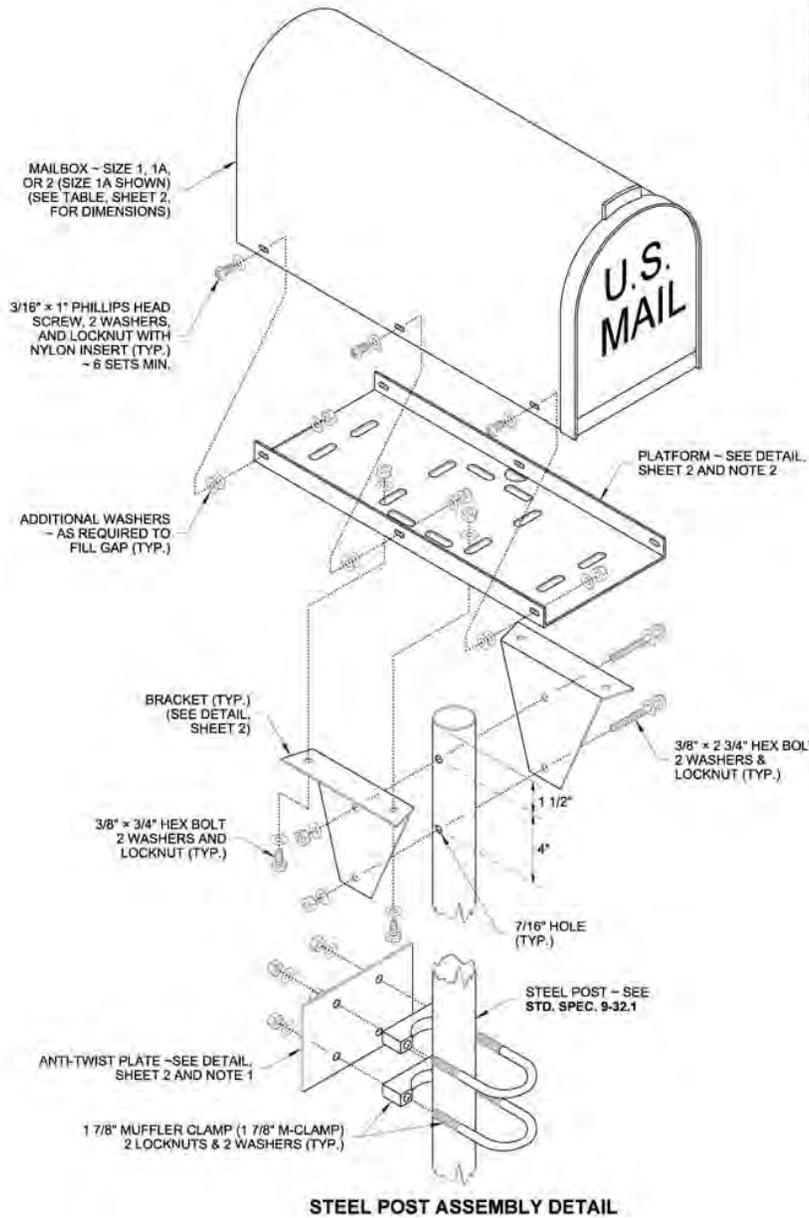
APPROVED FOR PUBLICATION

**Pasco Bakotich III** 05/17/12

STATE DESIGN ENGINEER DATE



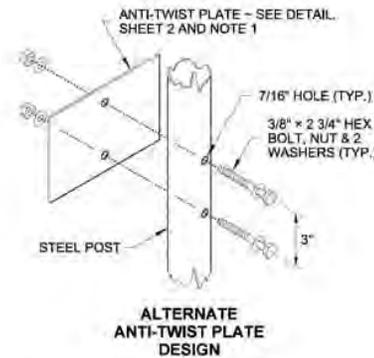
Washington State Department of Transportation



STEEL POST FASTENERS				
SIZE / TYPE	QUANTITY	WASHERS	LOCKNUTS	
3/8" DIAM. x 2 3/4" BOLT	2	4	2	
3/8" DIAM. x 3/4" BOLT	4	8	4	
3/16" DIAM. x 1" SCREW	6	12	6	
1 7/8" M-CLAMP	2	4	4	

**NOTES**

1. The anchoring system shall meet MASH crash test criteria. The anti-twist plate anchoring system shown on this plan is deemed MASH compliant by WSDOT.  
The V-Wing socket and wedge assembly in a concrete base shown on **Std. Plan H-70.20** is also deemed MASH compliant by WSDOT and may be substituted in lieu of the anti-twist plate designs shown.  
Other MASH compliant anchoring systems manufactured by or recommended by the Type 1 support manufacturer are allowed to be used in lieu of the anti-twist plate or V-wing socket and wedge assembly.
2. The platform design shown on this plan features slots that accommodate several types of mailbox supports; only those slots necessary for assembling the type being installed are required. An adjustable platform may be used in lieu of this design, but it must fit the bracket design shown on this plan. Brackets are required for all single-post installations. Field drilling may be necessary.
3. Center the mailbox on the platform to ensure space for the mailbox door to open and to allow space for installing the fasteners (see ALIGNMENT DETAIL, Sheet 2). Spacing of mailbox mounting holes varies among manufacturers. Attachment of the mailbox to the platform may require drilling additional holes through the mailbox to fit the platform.
4. Attach a newspaper box to a steel post with two 1 7/8" (in) Muffler Clamps spaced 4" (in) apart. Field drill 7/16" (in) holes in the newspaper box to fit. Newspaper boxes must not extend beyond the front of the mailbox when the mailbox door is closed.
5. A Type 2 Support (**Standard Plan H-70.20**) is required when 2 or more mailboxes are to be installed on one support.



Aug 17, 2021

**MAILBOX SUPPORT  
TYPE 1**

**STANDARD PLAN H-70.10-02**

SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

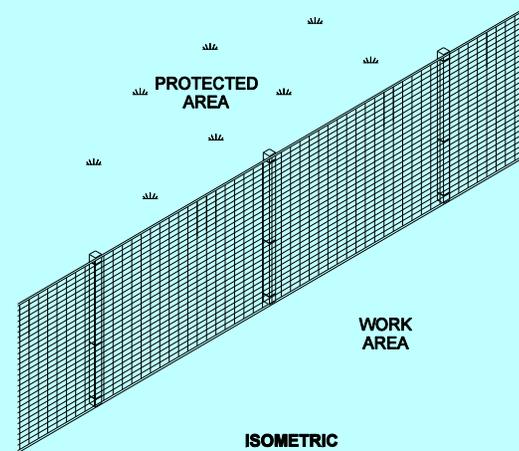
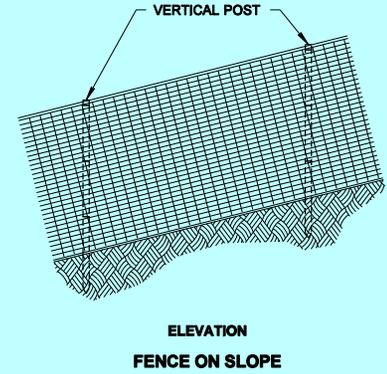
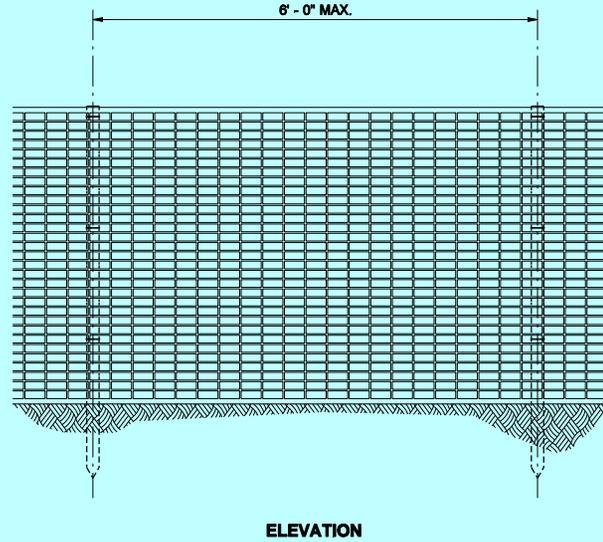
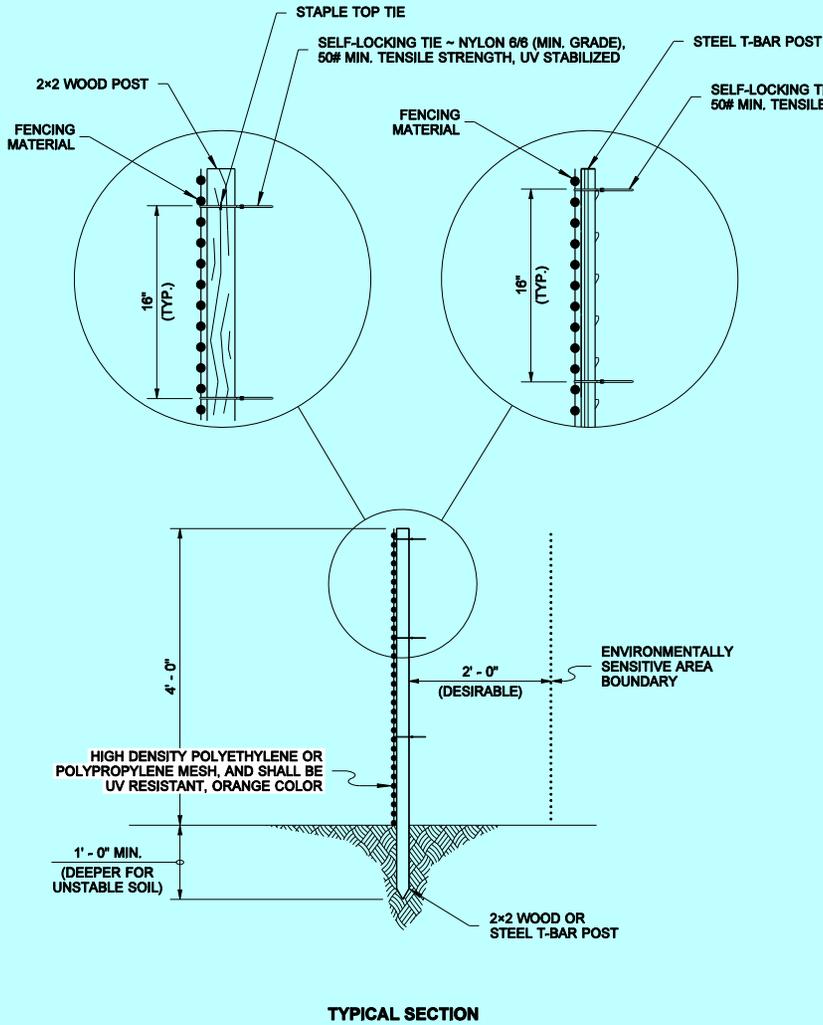
Aug 17, 2021

STATE DESIGN ENGINEER



Washington State Department of Transportation





**NOTE**

1. Post shall have sufficient strength and durability to support the fence through the life of the project.

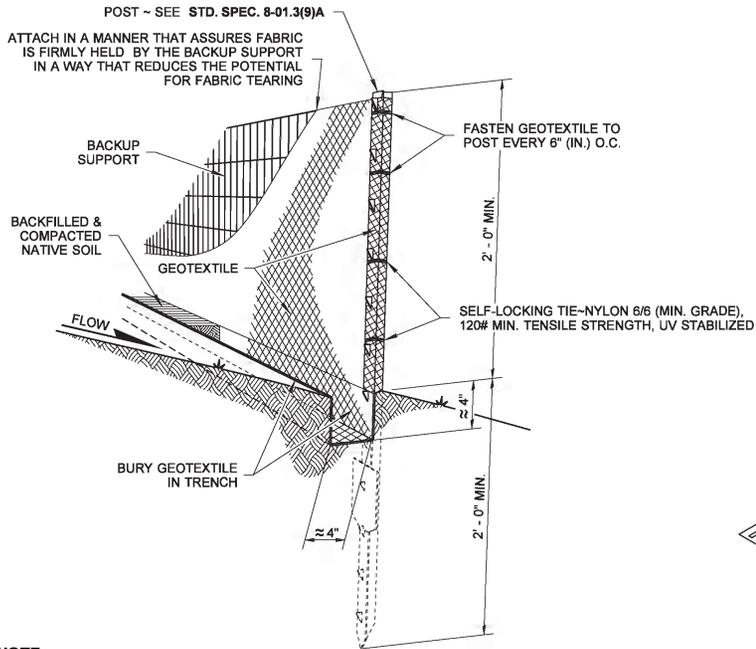


STATE OF WASHINGTON  
 REGISTERED  
 LANDSCAPE ARCHITECT  
**MARK W. MAURER**  
 CERTIFICATE NO. 000598

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.

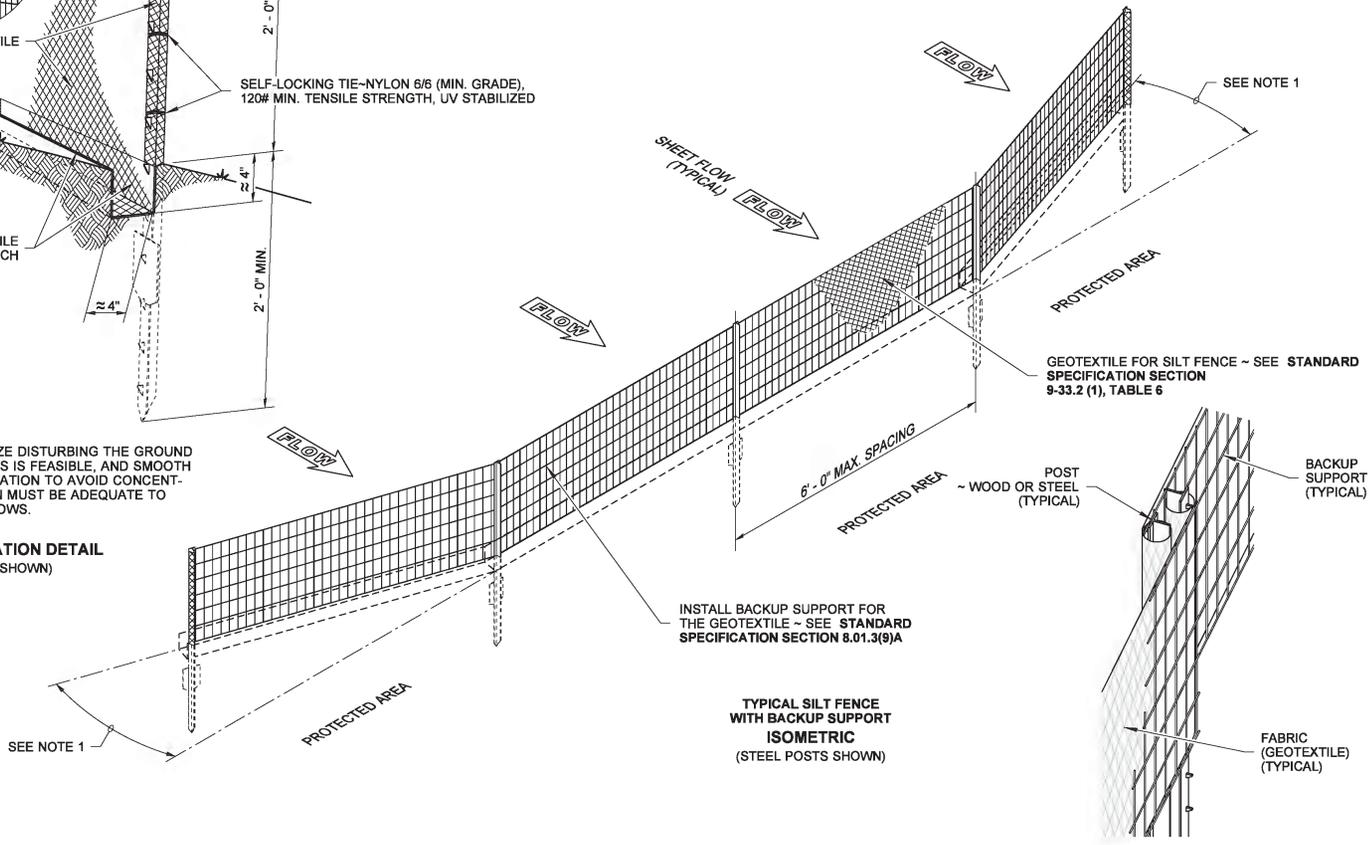
**HIGH VISIBILITY FENCE**  
**STANDARD PLAN I-10.10-01**  
 SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION  
**Pasco Bakotich III** 08-11-09  
 STATE DESIGN ENGINEER DATE  
 Washington State Department of Transportation



**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)



INSTALL BACKUP SUPPORT FOR THE GEOTEXTILE ~ SEE STANDARD SPECIFICATION SECTION 8.01.3(9)A

**TYPICAL SILT FENCE WITH BACKUP SUPPORT ISOMETRIC**  
 (STEEL 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.

SPLICED FENCE SECTIONS SHALL BE CLOSE ENOUGH TOGETHER TO PREVENT SILT LADEN WATER FROM ESCAPING THROUGH THE FENCE AT THE OVERLAP.

**SPLICE DETAIL**  
 (STEEL POSTS SHOWN)

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.

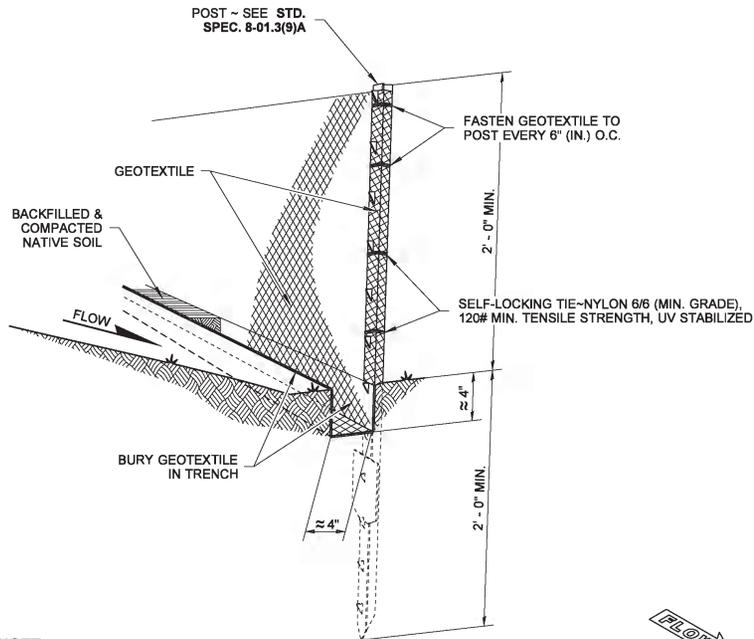
**SILT FENCE WITH BACKUP SUPPORT**  
**STANDARD PLAN I-30.10-02**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION  
**Pasco Bakotich III** 3/22/13  
 STATE DESIGN ENGINEER DATE  
 Washington State Department of Transportation

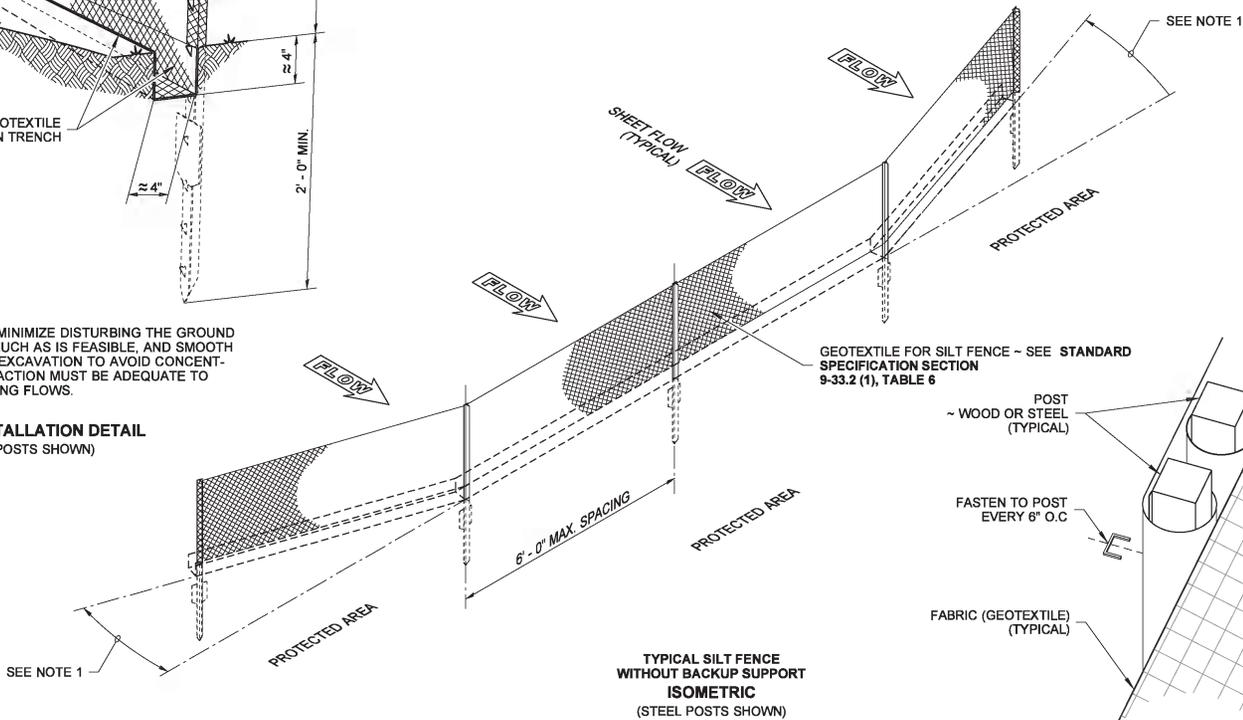
DRAWN BY: BILL BERENS

DRAWN BY: BILL BERENS

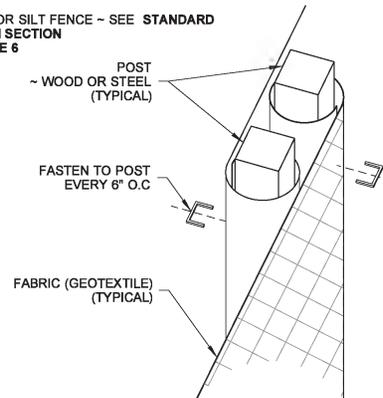


**NOTE**  
DURING EXCAVATION, MINIMIZE DISTURBING THE GROUND AROUND TRENCH AS MUCH AS IS FEASIBLE, AND SMOOTH SURFACE FOLLOWING EXCAVATION TO AVOID CONCENTRATING FLOWS. COMPACTION MUST BE ADEQUATE TO PREVENT UNDERCUTTING FLOWS.

**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

J. 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

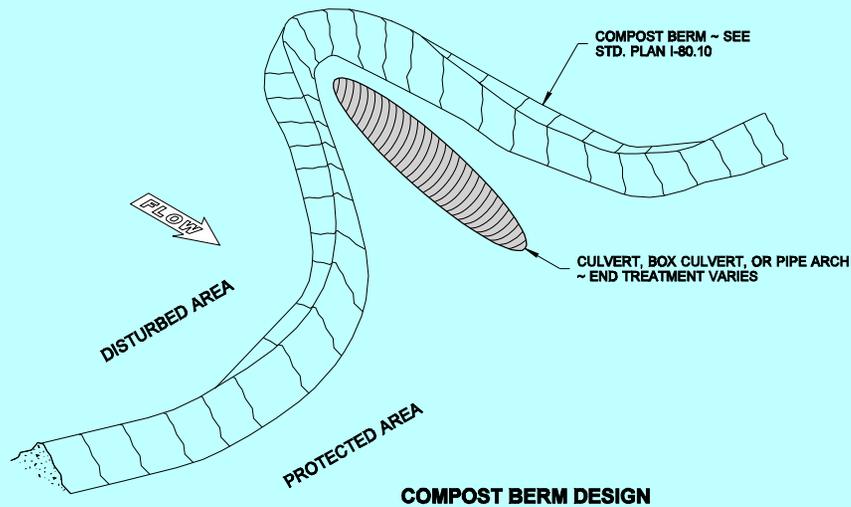
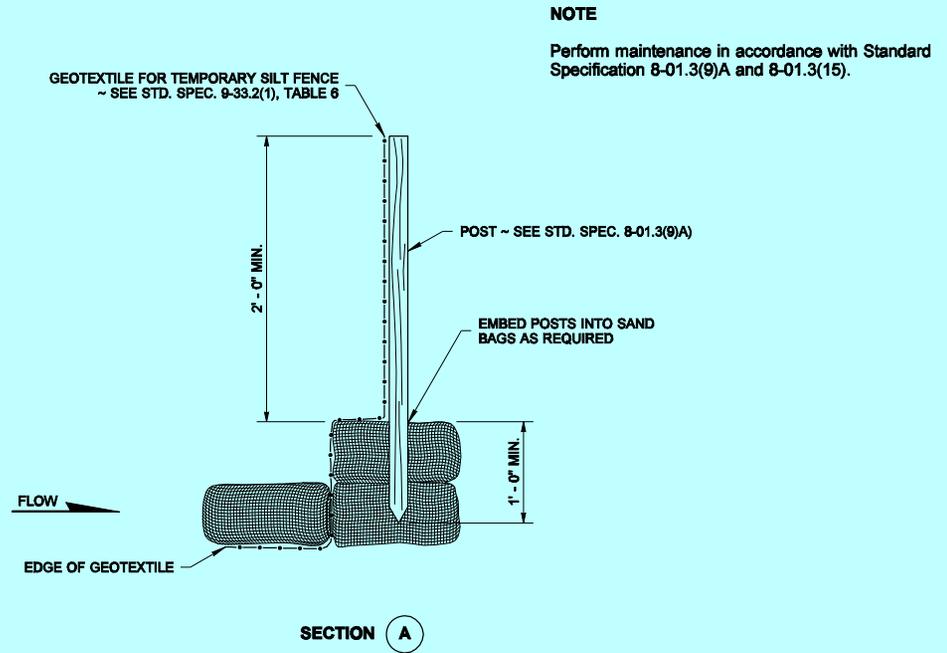
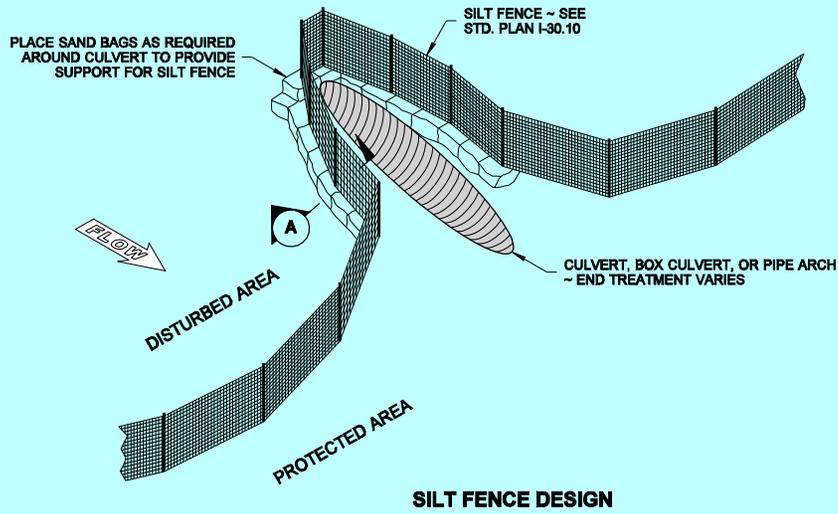
APPROVED FOR PUBLICATION

**Pasco Bakotich III** 3/22/13

STATE DESIGN ENGINEER DATE

Washington State Department of Transportation

DRAWN BY: LISA CYFORD



STATE OF WASHINGTON  
REGISTERED  
LANDSCAPE ARCHITECT

MARK W. MAURER  
CERTIFICATE NO. 000598

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.

**EROSION CONTROL  
AT CULVERT ENDS**

**STANDARD PLAN I-30.20-00**

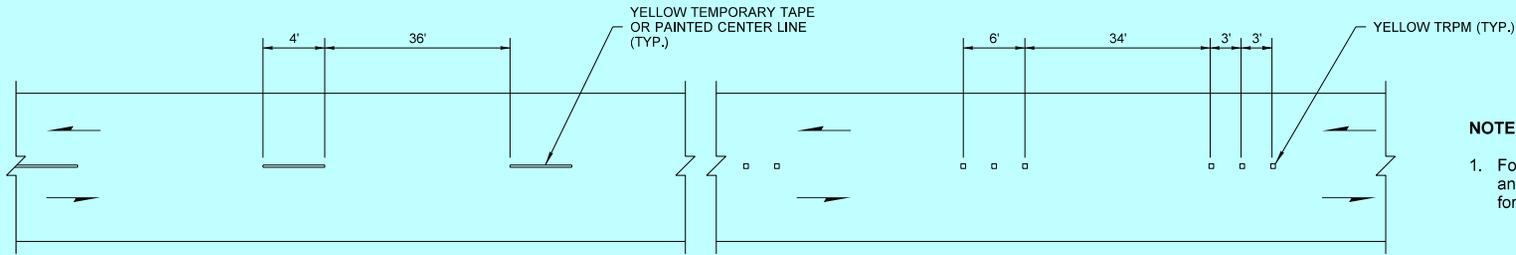
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

**Pasco Bakotich III** 09-20-07  
STATE DESIGN ENGINEER DATE

Washington State Department of Transportation

DRAWN BY: FERN LIDDELL



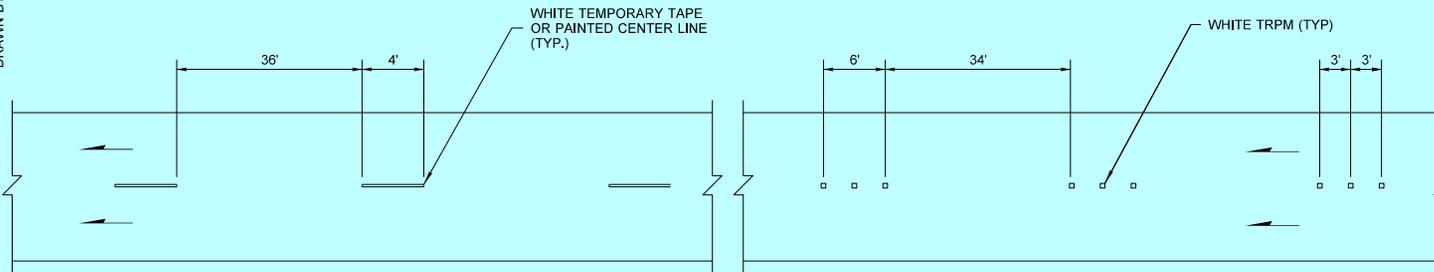
HOT MIX ASPHALT PAVEMENT

BITUMINOUS SURFACE TREATMENT

**TWO-LANE ROADWAY**

**NOTE**

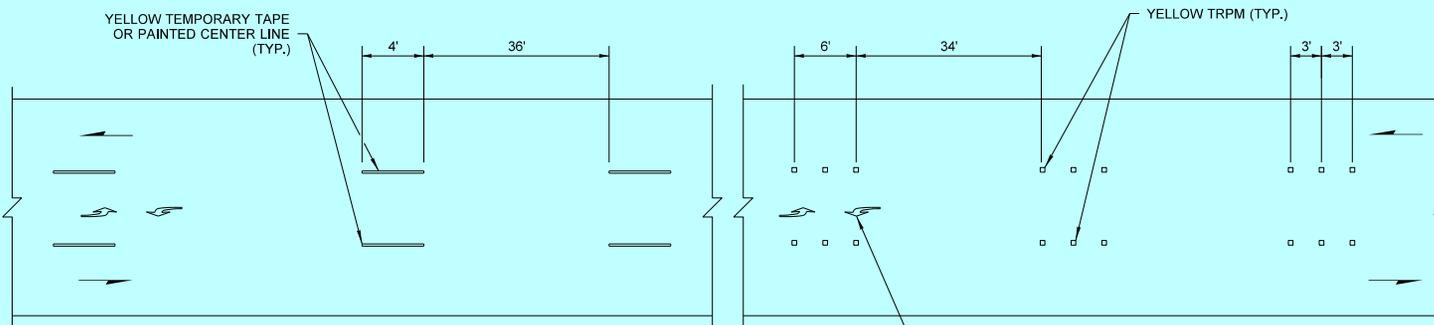
1. For Hot Mix Asphalt Paving projects ~ "DO NOT PASS" and "PASS WITH CARE" signs shall be included for passing zones.



HOT MIX ASPHALT PAVEMENT

BITUMINOUS SURFACE TREATMENT

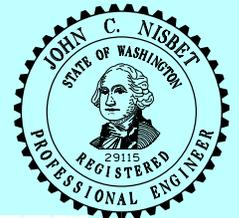
**ONE-WAY TWO-LANE ROADWAY**



HOT MIX ASPHALT PAVEMENT

BITUMINOUS SURFACE TREATMENT

**TWO-WAY TWO-LANE LEFT TURN ROADWAY**



*Nisbet, John* Nisbet, John  
May 16 2016 9:56 AM

**TEMPORARY PAVEMENT MARKING ~ SHORT DURATION STANDARD PLAN K-70.20-01**

SHEET 1 OF 1 SHEET

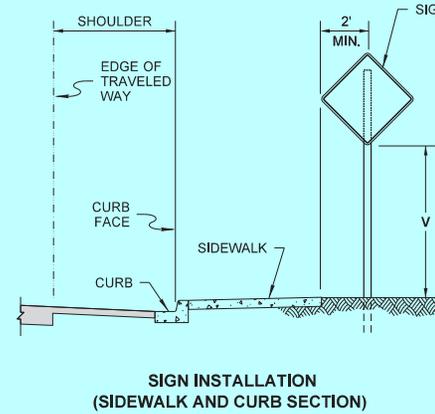
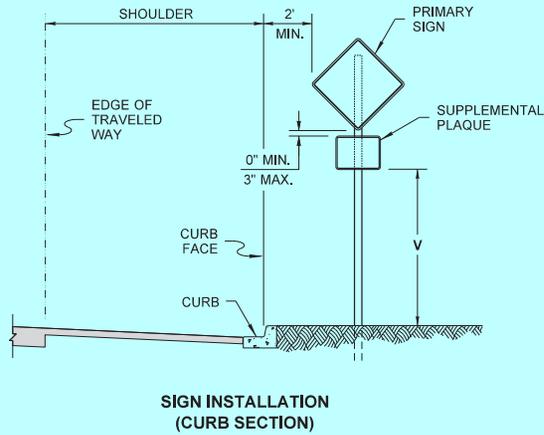
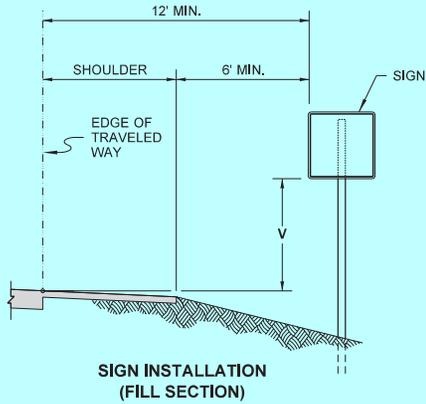
APPROVED FOR PUBLICATION

*Carpenter, Jeff* Carpenter, Jeff  
Jun 1 2016 4:19 PM

STATE DESIGN ENGINEER



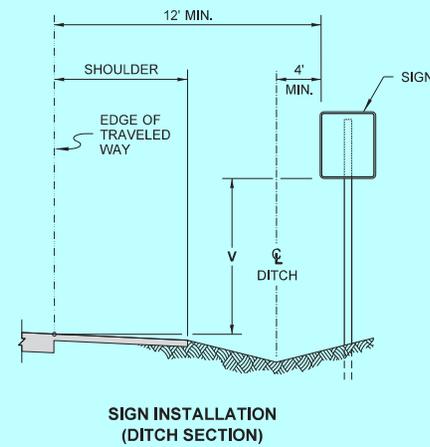
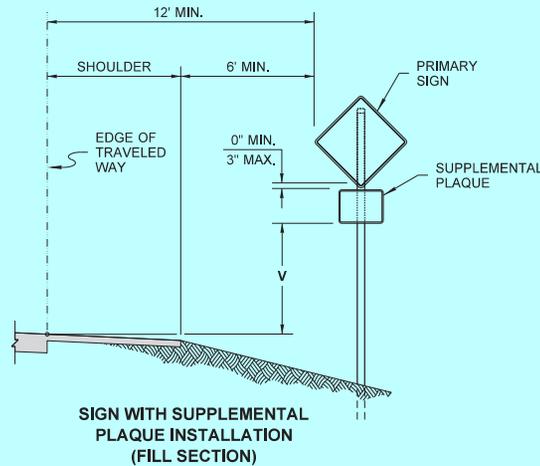
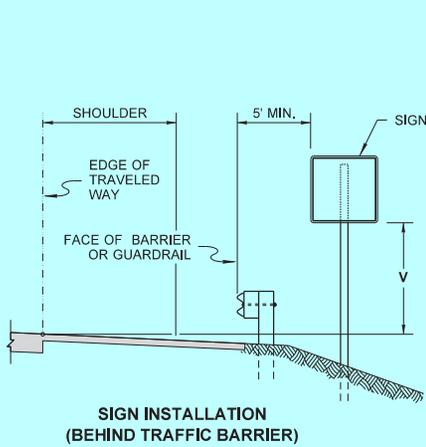
DRAWN BY: FERN LIDDELL



**NOTES**

1. For sign installation details, see **Standard Plan G - series**.
2. Where it is impractical to locate a sign with the lateral offset, a minimum of 2'(ft) offset may be used. A 1'(ft) lateral offset may be used in business, commercial or residential areas.
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 (NO SUPPLEMENTAL PLAQUE)	TO BOTTOM OF SUPPLEMENTAL PLAQUE (WHEN REQUIRED)
RURAL	5' MINIMUM	4' MINIMUM
URBAN	7' MINIMUM	6' MINIMUM

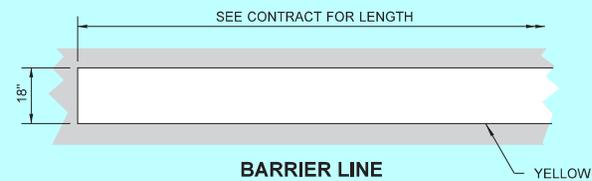
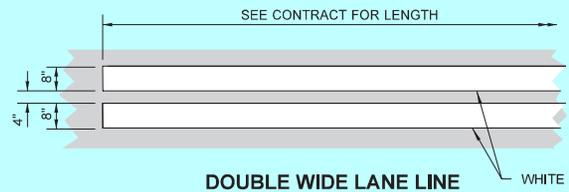
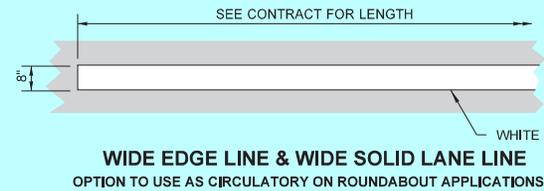
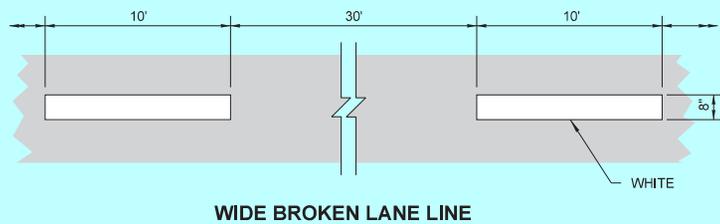
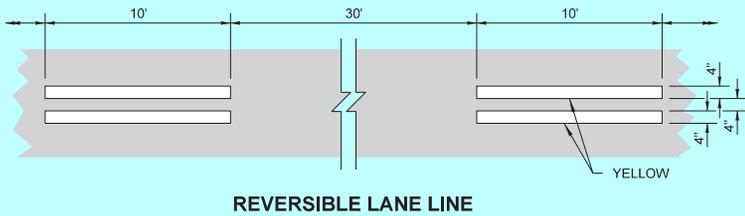
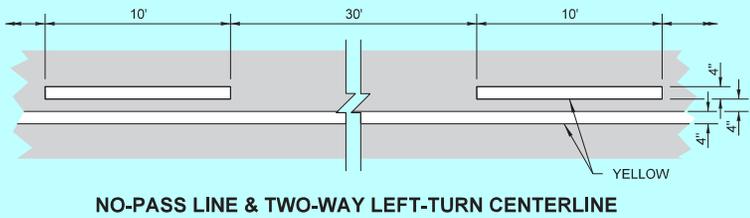
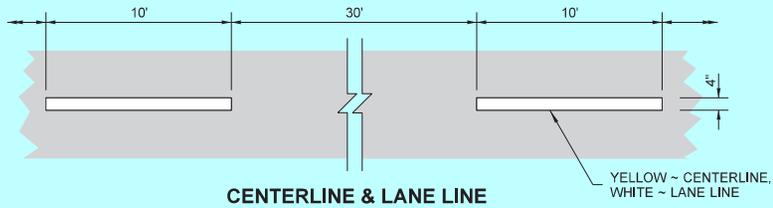


*Brian Walsh* 2020.09.23 13:48:58  
-07'00'

**CLASS A  
CONSTRUCTION SIGNING  
INSTALLATION  
STANDARD PLAN K-80.10-02**  
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION  
Date: 2020.09.25  
14:46:01 -07'00'  
STATE DESIGN ENGINEER  
Washington State Department of Transportation

DRAWN BY: FERN LIDDEL



**NOTES**

1. Dotted Extension Line shall be the same color as the line it is extending.
2. Edge Line shall be white on the right edge of traveled way, and yellow on the left edge of traveled way (on one-way roadways). Solid Lane Line shall be white.
3. The distance between the lines of the Double Centerline shall be 12" everywhere, except 4" for left-turn channelization and narrow roadways with lane widths of 10 feet or less. Local Agencies (on non-state routes) may specify a 4" distance for all locations.  
The distance between the lines of the Double Lane Line shall be 4".



Aug 1, 2022

**LONGITUDINAL MARKING PATTERNS**  
**STANDARD PLAN M-20.10-04**  
SHEET 1 OF 4 SHEETS

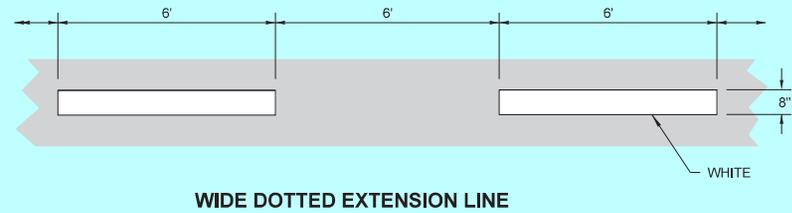
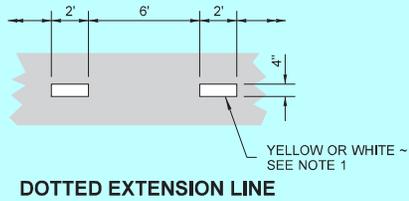
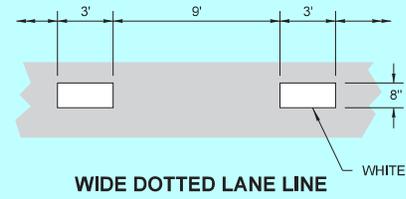
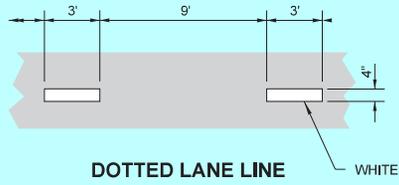
APPROVED FOR PUBLICATION

*Mark Gaines*  
Mark Gaines (Aug 2, 2022 10:17 PDT) Aug 2, 2022

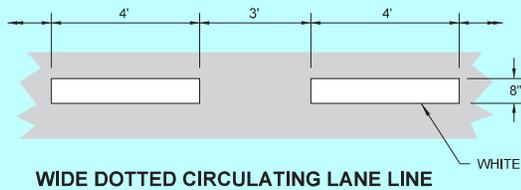
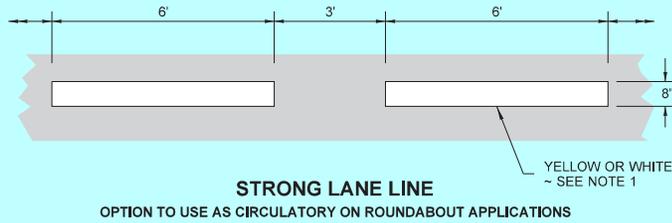
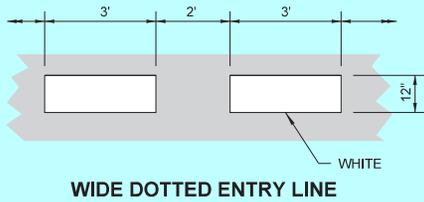
STATE DESIGN ENGINEER

Washington State Department of Transportation

DRAWN BY: FERN LIDDEL



**ROUNDAOBOUT SPECIFIC LINES**



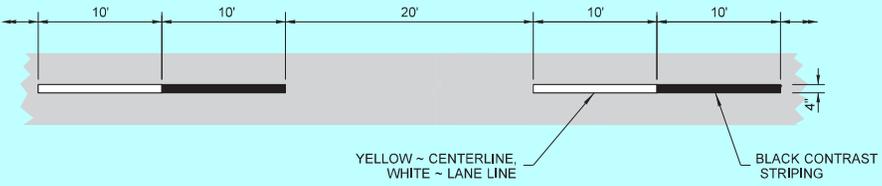
Aug 1, 2022

**LONGITUDINAL MARKING PATTERNS**  
**STANDARD PLAN M-20.10-04**  
 SHEET 2 OF 4 SHEETS

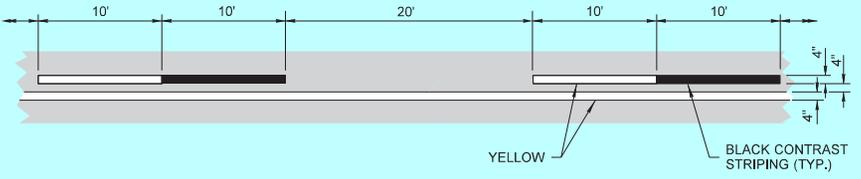
APPROVED FOR PUBLICATION  
 Mark Gainer (Aug 2, 2022 10:17 PDT) Aug 2, 2022  
 STATE DESIGN ENGINEER  
 Washington State Department of Transportation

DRAWN BY: FERN LIDDEL

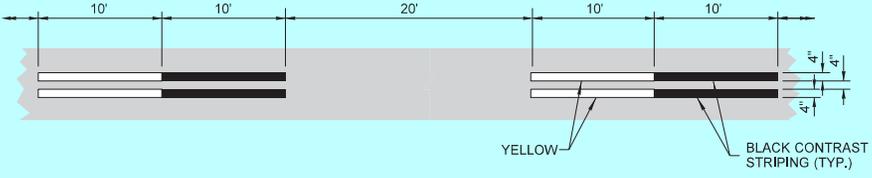
DIRECTION OF TRAFFIC  
(TYPICAL)



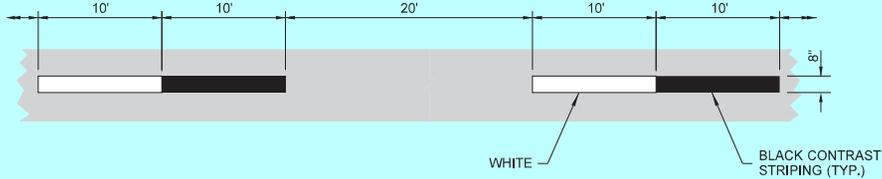
**CENTERLINE & LANE LINE**



**NO-PASS LINE & TWO-WAY LEFT-TURN CENTERLINE**



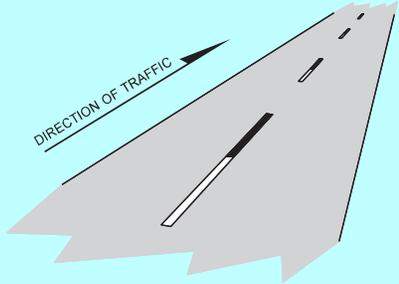
**REVERSIBLE LANE LINE**



**WIDE BROKEN LANE LINE**

**NOTE**

- 1. Dotted Extension Line shall be the same color as the line it is extending.



**ISOMETRIC VIEW**



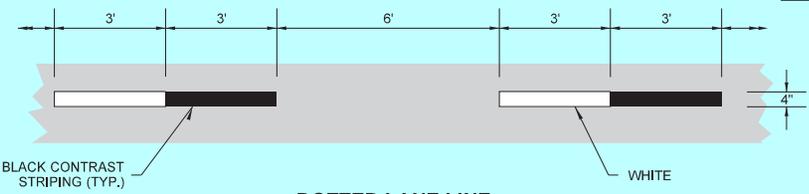
Aug 1, 2022

**LONGITUDINAL MARKING PATTERNS**  
**STANDARD PLAN M-20.10-04**  
 SHEET 3 OF 4 SHEETS

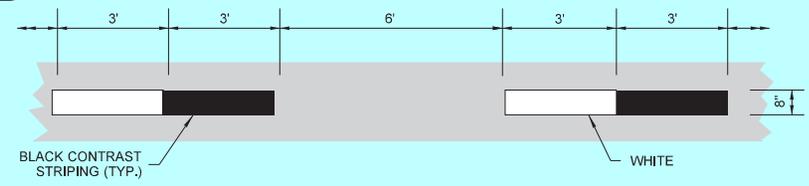
APPROVED FOR PUBLICATION  
 Mark Gaines (Aug 2, 2022 10:17 PDT) Aug 2, 2022  
 STATE DESIGN ENGINEER  
 Washington State Department of Transportation

DRAWN BY: FERN LIDDEL

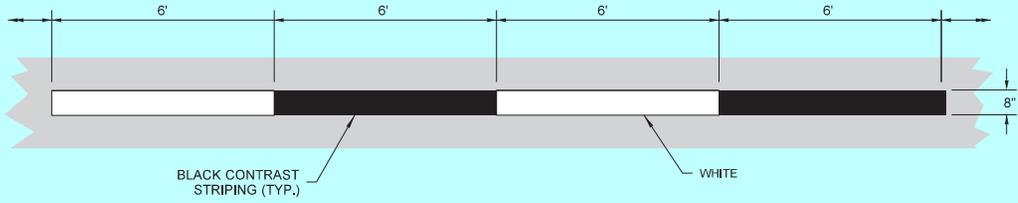
DIRECTION OF TRAFFIC  
(TYPICAL) →



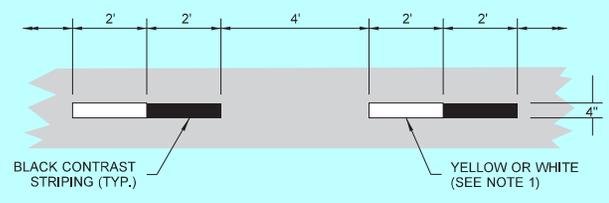
**DOTTED LANE LINE**



**WIDE DOTTED LANE LINE**

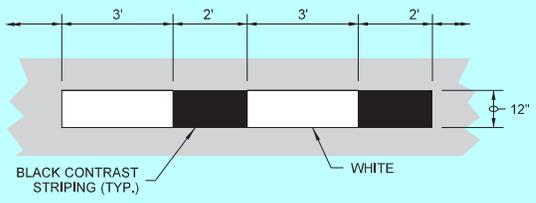


**WIDE DOTTED EXTENSION LINE**

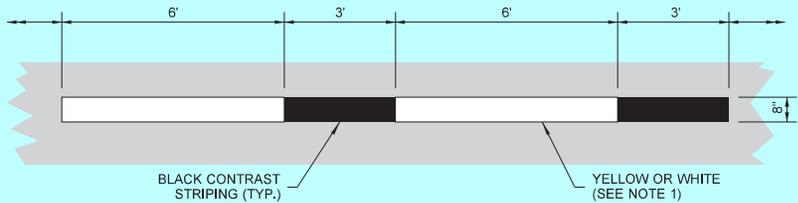


**DOTTED EXTENSION LINE**

**ROUNDAABOUT SPECIFIC LINES**

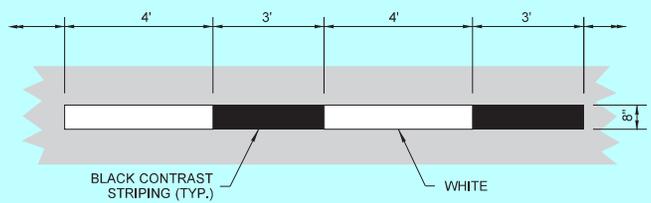


**WIDE DOTTED ENTRY LINE**



**STRONG LANE LINE**

OPTION TO USE AS CIRCULATORY ON ROUNDABOUT APPLICATIONS



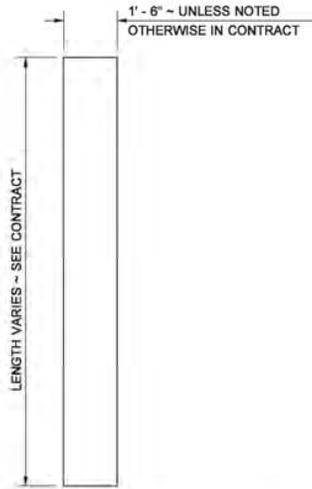
**WIDE DOTTED CIRCULATING LANE LINE**



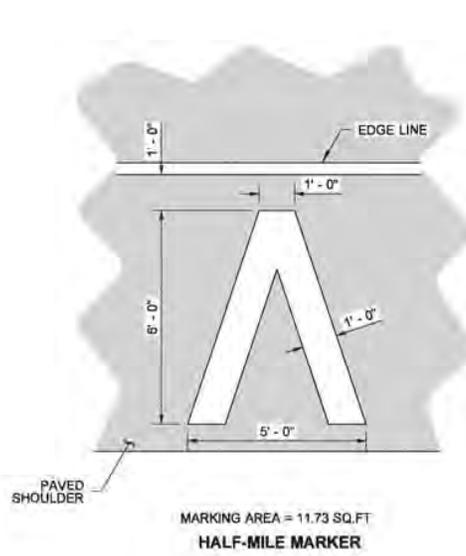
Aug 1, 2022

**LONGITUDINAL MARKING PATTERNS**  
**STANDARD PLAN M-20.10-04**  
 SHEET 4 OF 4 SHEETS

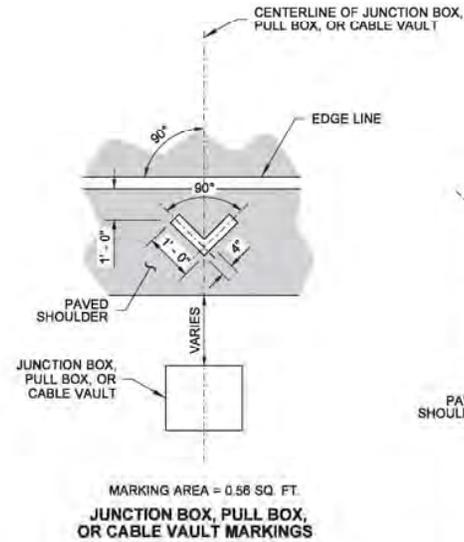
APPROVED FOR PUBLICATION  
 Mark Gaines (Aug 2, 2022 10:17 PDT) Aug 2, 2022  
 STATE DESIGN ENGINEER  
 Washington State Department of Transportation



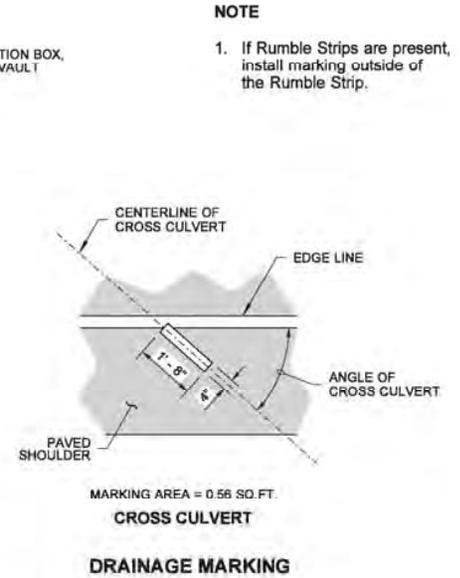
**STOP LINE**



MARKING AREA = 11.73 SQ.FT  
**HALF-MILE MARKER**



MARKING AREA = 0.56 SQ. FT.  
**JUNCTION BOX, PULL BOX, OR CABLE VAULT MARKINGS**

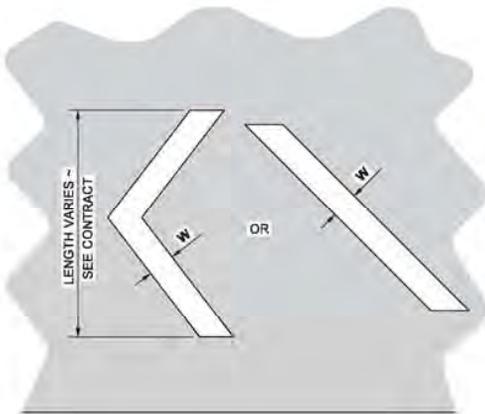


MARKING AREA = 0.56 SQ. FT.  
**CROSS CULVERT**

**DRAINAGE MARKING**

**NOTE**

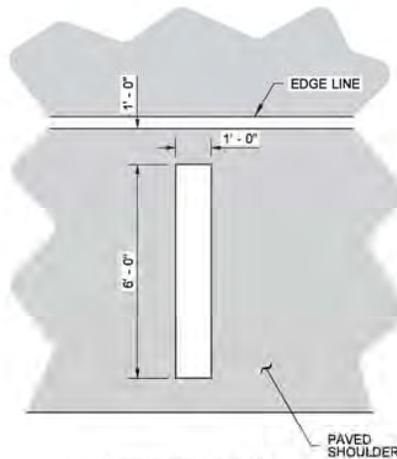
1. If Rumble Strips are present, install marking outside of the Rumble Strip.



WHITE OR YELLOW - SEE CONTRACT  
**CHEVRON OR DIAGONAL**

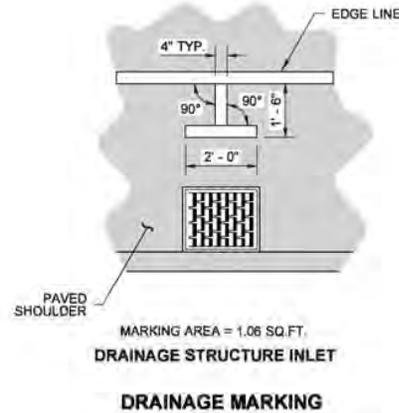
**CROSSHATCH MARKING**

W = 8" (IN) FOR POSTED SPEED LIMIT OF 40 MPH OR LOWER  
W = 12" (IN) FOR POSTED SPEED LIMIT OF 45 MPH OR HIGHER



MARKING AREA = 6.00 SQ.FT.  
**FULL MILE MARKER**

**AERIAL SURVEILLANCE MARKERS**



MARKING AREA = 1.06 SQ.FT.  
**DRAINAGE STRUCTURE INLET**

**DRAINAGE MARKING**



Walsh, Brian  
Jun 24 2014 2:35 PM

**SYMBOL MARKINGS  
MISCELLANEOUS**

**STANDARD PLAN M-24.60-04**

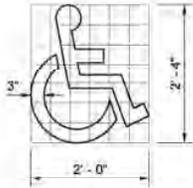
SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

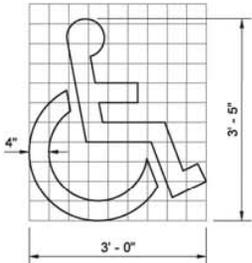
*Brian Walsh*  
STATE DESIGN ENGINEER

Washington State Department of Transportation

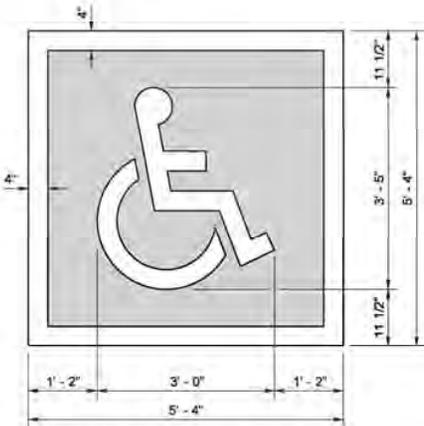
DRAWN BY: LISA CYFORD



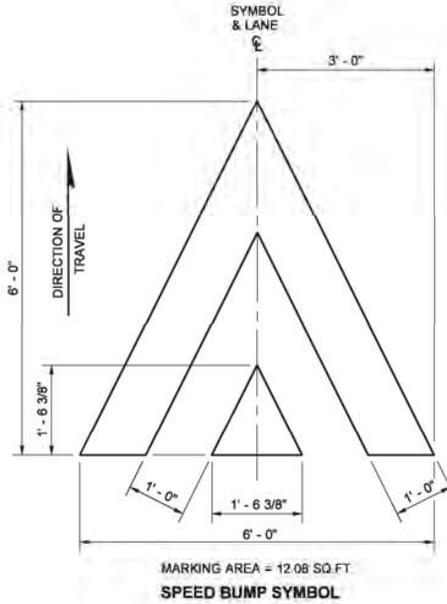
GRID IS 4" (IN) SQUARE MARKING AREA = 1.41 SQ. FT.  
**ACCESS PARKING SPACE SYMBOL (MINIMUM)**



GRID IS 4" (IN) SQUARE MARKING AREA = 3.09 SQ. FT.  
**ACCESS PARKING SPACE SYMBOL (STANDARD)**



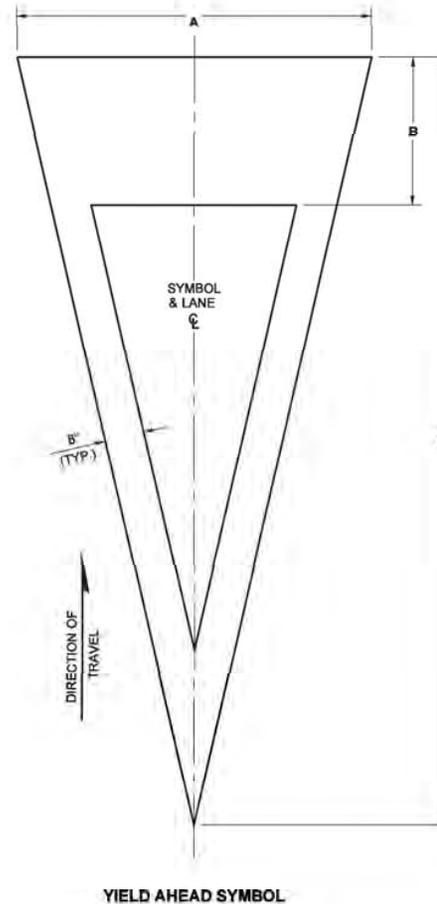
TOTAL MARKING AREA = 26.44 SQ. FT.  
 WHITE = 9.76 SQ. FT. BLUE = 16.68 SQ. FT.  
**ACCESS PARKING SPACE SYMBOL (STANDARD) WITH BLUE BACKGROUND AND WHITE BORDER (REQUIRED FOR CEMENT CONCRETE SURFACES)**



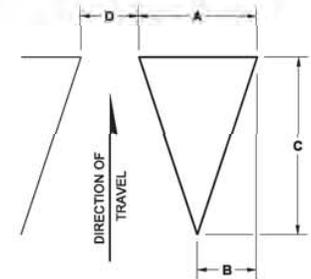
TOTAL MARKING AREA = 13.44 SQ. FT.  
 WHITE = 4.82 SQ. FT. BLUE = 8.62 SQ. FT.  
**ACCESS PARKING SPACE SYMBOL (MINIMUM) WITH BLUE BACKGROUND AND WHITE BORDER (REQUIRED FOR CEMENT CONCRETE SURFACES)**

SYMBOL MARKING		A	B	C	D	USE	MARKING AREA
YIELD AHEAD SYMBOL	TYPE 1	6' - 0"	2' - 6"	13' - 0"	N/A	LESS THAN 45 MPH	25.90 SQ. FT.
	TYPE 2	6' - 0"	3' - 0"	20' - 0"	N/A	45 MPH OR GREATER	36.54 SQ. FT.
YIELD LINE SYMBOL	TYPE 1	1' - 0"	6"	1' - 6"	6"	LESS THAN 45 MPH	0.75 SQ. FT.
	TYPE 2	2' - 0"	1' - 0"	3' - 0"	1' - 0"	45 MPH OR GREATER	3.00 SQ. FT.
	TYPE 2	2' - 0"	1' - 0"	3' - 0"	1' - 0"	ROUNDBABOUT ENTRY *	3.00 SQ. FT.

\* MINIMUM OF 4 IN LANE



**YIELD AHEAD SYMBOL**



**YIELD LINE SYMBOL (MULTIPLE SYMBOLS REQUIRED FOR TRANSVERSE YIELD LINE - SEE CONTRACT)**

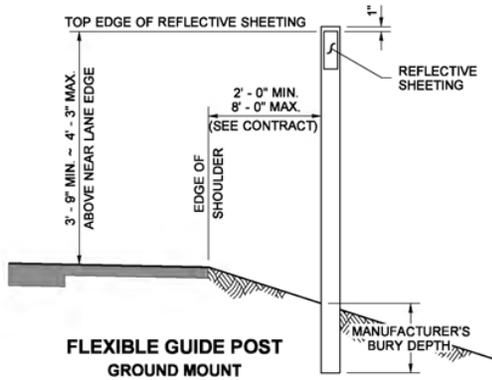


Walsh, Brian  
 Jun 24 2014 2:37 PM

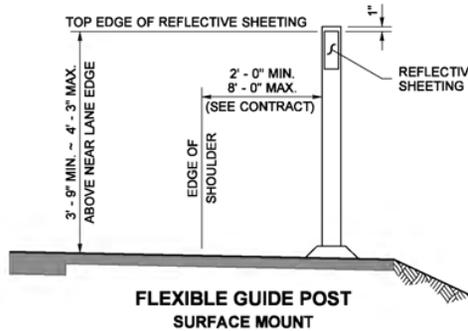
**SYMBOL MARKINGS MISCELLANEOUS**  
**STANDARD PLAN M-24.60-04**  
 SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION  
 Inkovich, Pincus  
 Jun 24 2014 4:43 PM  
 STATE DESIGN ENGINEER  
 Washington State Department of Transportation

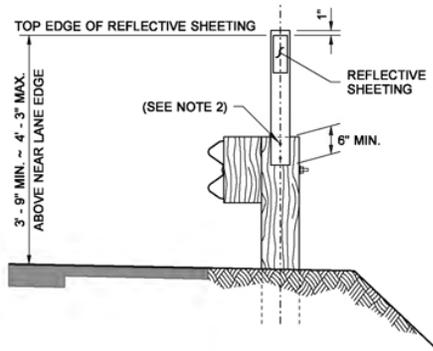
DRAWN BY: LISA CYFORD



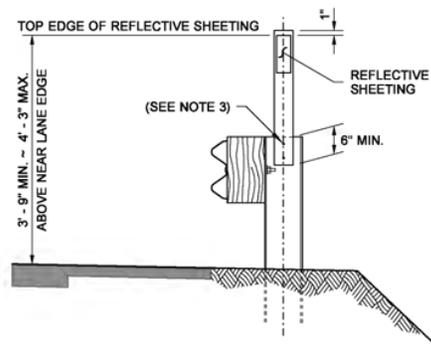
**FLEXIBLE GUIDE POST  
GROUND MOUNT**



**FLEXIBLE GUIDE POST  
SURFACE MOUNT**



**FLEXIBLE GUIDE POST  
GUARDRAIL MOUNT  
(USE FOR WOODEN GUARDRAIL POSTS)**



**FLEXIBLE GUIDE POST  
GUARDRAIL MOUNT  
(USE FOR STEEL GUARDRAIL POSTS)**

**BARRIER DELINEATOR REQUIREMENTS**

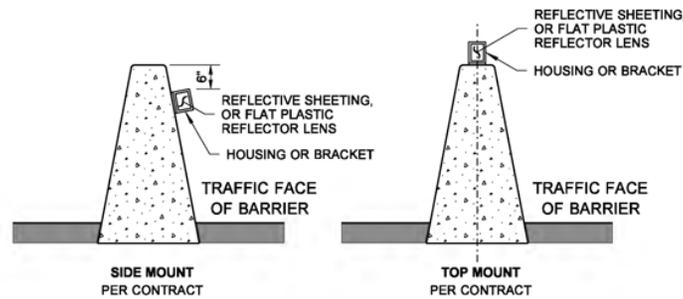
- Spacing of Barrier Delineators shall be as shown in the Plans.
- The housing or bracket can be flexible or rigid, molded from a durable plastic or other durable material approved by the Engineer, and shall be attached to the barrier with an adhesive recommended by the manufacturer. The attachment point 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°	126	75
0.1°	20°	50	30

**NOTES**

1. When the Contract Plans requires a guide post with concurrent guardrail runs, the Contractor shall either:
  - A. Drive the flexible guide post in line with the guardrail posts, or
  - B. Mount the shorter flexible guide post onto the guardrail post.
2. Guide posts shall be fastened to the wooden guardrail post using two 2" (in) x 3/8" (in) lag screws with washers, along centerline of post. Also acceptable is any approved attachment method submitted by the guide post manufacturer.
3. Guide posts shall be fastened to the steel guardrail posts using two galvanized 2" (in) x 3/8" (in) 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)B**. Also acceptable is any approved attachment method submitted by the guide post manufacturer.
4. When concrete barrier runs concurrent, the Contractor shall mount Barrier Delineators where guide posts are required.

GUIDE POST TYPE DEFINITIONS ~ REFLECTIVE SHEETING APPLICATIONS					
TYPE W	TYPE WW		TYPE Y	TYPE YY	
○	⊕		●	⊗	
FACING TRAFFIC	FACING TRAFFIC	BACK SIDE	FACING TRAFFIC	FACING TRAFFIC	BACK SIDE
3"	3"	3"	3"	3"	3"
8"	8"	4" 4" 4"	8"	8"	8"
WHITE	WHITE	WHITE	YELLOW	YELLOW	YELLOW



**BARRIER DELINEATORS**

(CONCRETE BARRIER TYPES AND LOCATIONS VARY, SINGLE SLOPE IN MEDIAN SHOWN)



Walsh, Brian  
Jun 24 2014 2:07 PM

**GUIDE POSTS AND  
BARRIER DELINEATORS  
STANDARD PLAN M-40.10-03**

SHEET 1 OF 1 SHEET

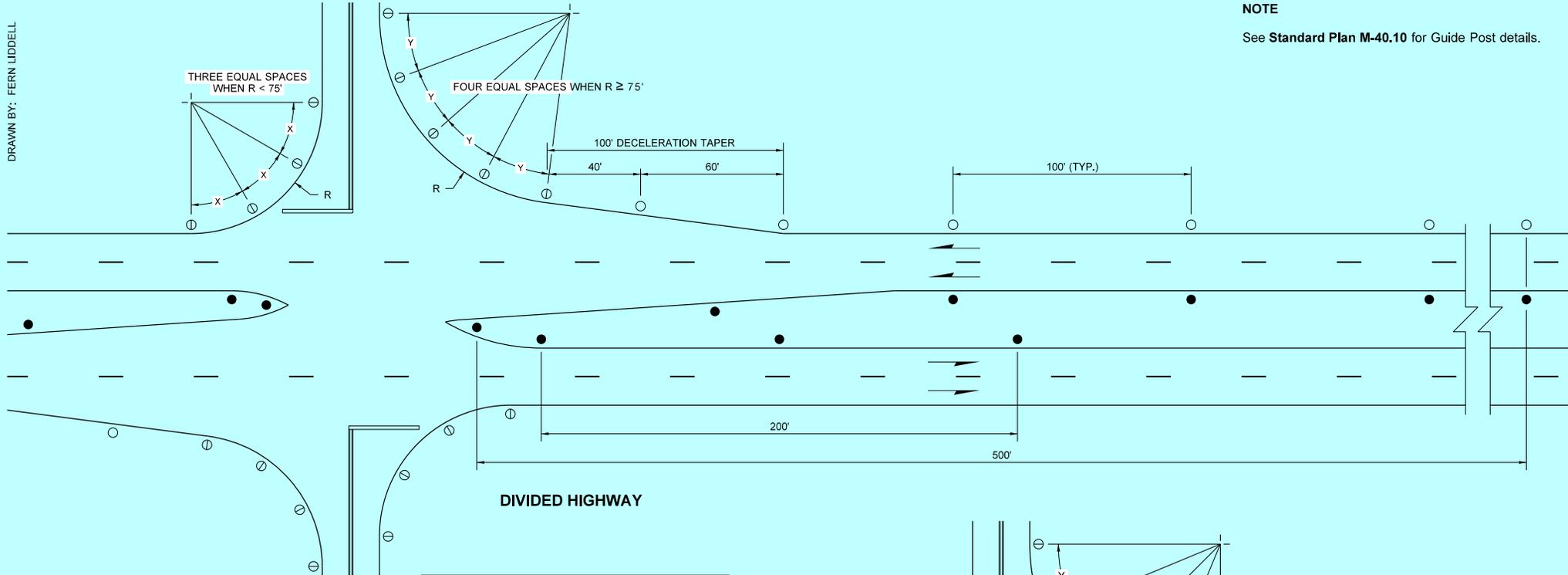
APPROVED FOR PUBLICATION  
Bakotch, Pasco  
Jun 24 2014 4:44 PM

STATE DESIGN ENGINEER  
Washington State Department of Transportation

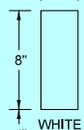
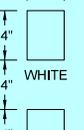
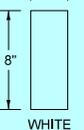
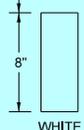
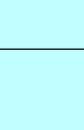
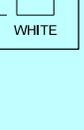
DRAWN BY: FERN LIDDELL

**NOTE**

See **Standard Plan M-40.10** for Guide Post details.



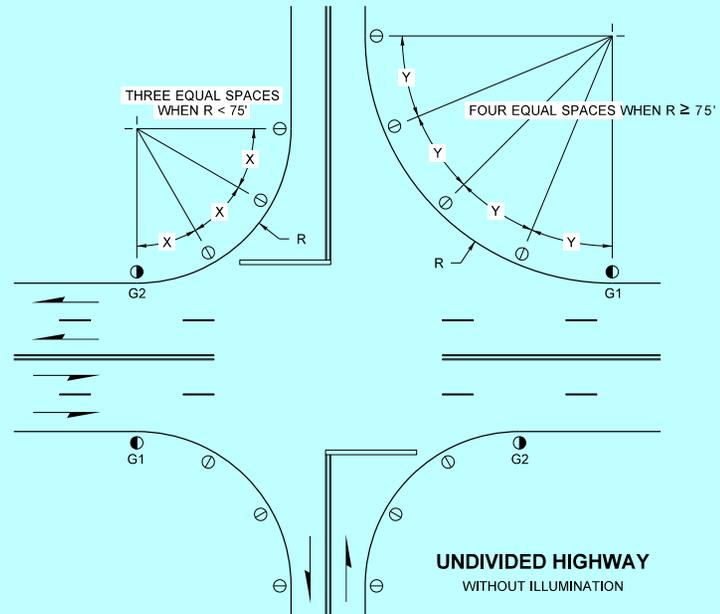
**DIVIDED HIGHWAY**

REFLECTIVE SHEETING APPLICATIONS			
TYPE G1		TYPE G2	
 G1		 G2	
FACING TRAFFIC	BACK SIDE	FACING TRAFFIC	BACK SIDE
			
			
			

**LEGEND**

-  TYPE W
-  TYPE WW
-  TYPE Y

SEE TYPE DEFINITIONS,  
STANDARD PLAN M-40.10



**UNDIVIDED HIGHWAY  
WITHOUT ILLUMINATION**



*Brian J. Walsh* Walsh, Brian  
May 19 2017 9:24 AM

**GUIDE POST PLACEMENT  
GRADE INTERSECTIONS  
STANDARD PLAN M-40.30-01**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

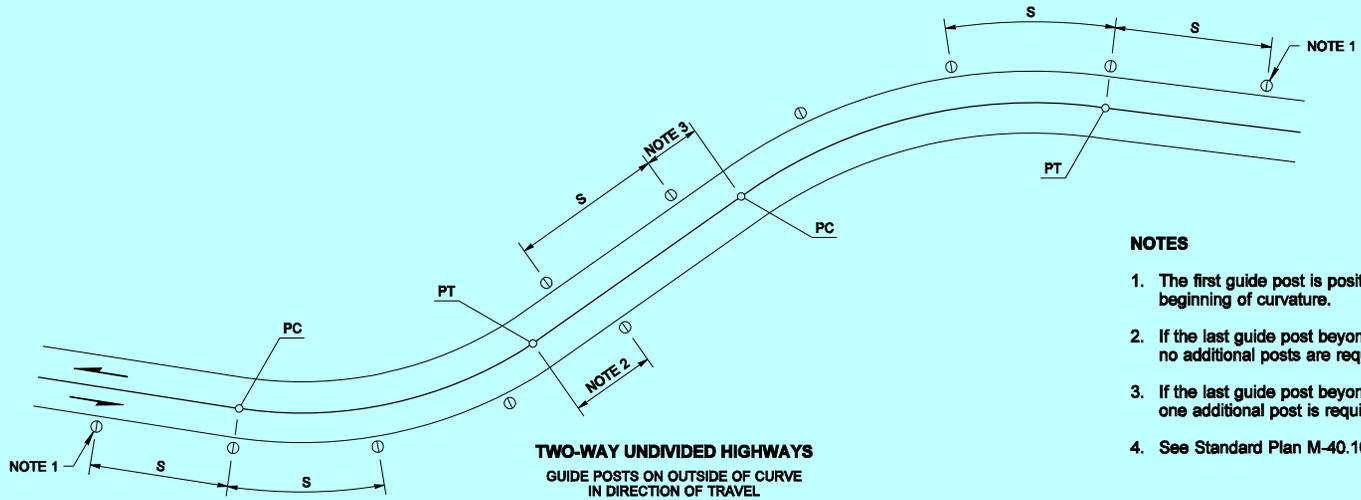
Carpenter, Jeff  
Jul 11 2017 1:37 PM

STATE DESIGN ENGINEER

 Washington State Department of Transportation

GUIDE POST SPACING (FEET)	
RADIUS	S
50	20
115	25
150	30
200	35
250	40
300	50
400	55
500	65
600	70
700	75
800	80
900	85
1,000	90
1,200	100
1,700	120
2,300	140
2,900	160
3,700	180
4,500	200
5,500	220
6,500	240
7,600	260
8,800	280
10,000	300
R>10,000	300

INTERPOLATE FROM THE TABLE FOR RADII NOT SHOWN

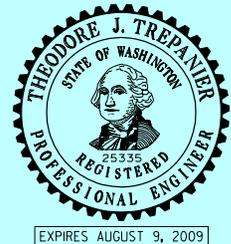
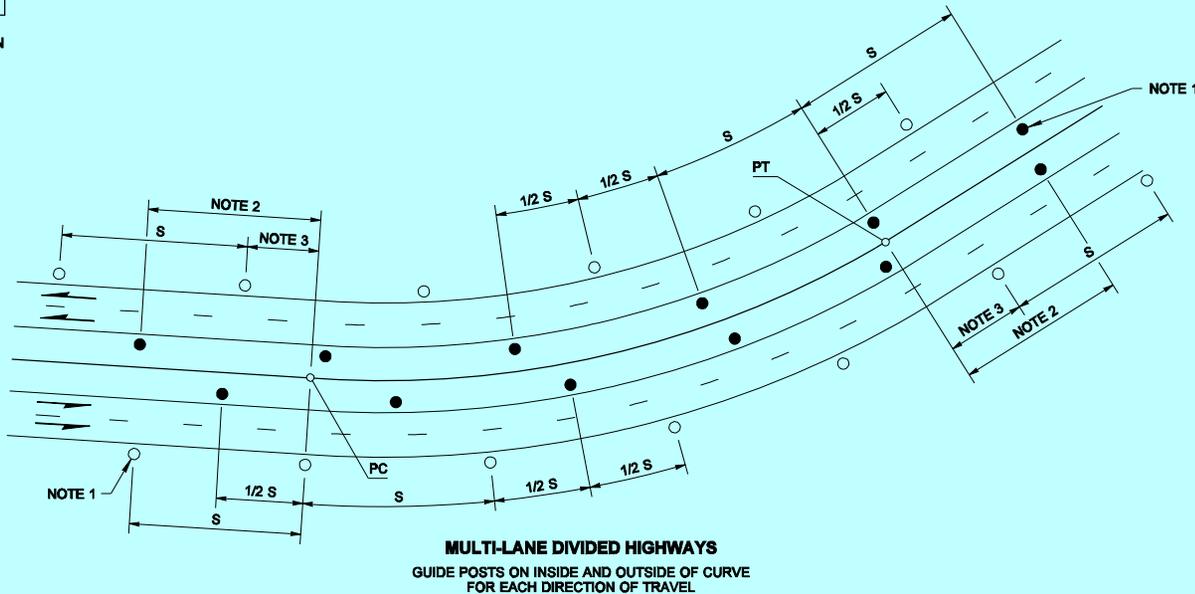


**NOTES**

1. The first guide post is positioned "S" distance from the beginning of curvature.
2. If the last guide post beyond the curve is 1/2 "S" or more, no additional posts are required.
3. If the last guide post beyond the curve is less than 1/2 "S", one additional post is required.
4. See Standard Plan M-40.10 for Guide Post details.



SEE TYPE DEFINITIONS,  
STD. PLAN M-40.10



EXPIRES AUGUST 9, 2009

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNLESS IT IS APPROVED FOR PUBLICATION BY AN ELECTRONIC SIGNATURE OR ORIGINAL SIGNATURE AND FILED AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**GUIDE POST PLACEMENT  
HORIZONTAL CURVES  
STANDARD PLAN M-40-00**

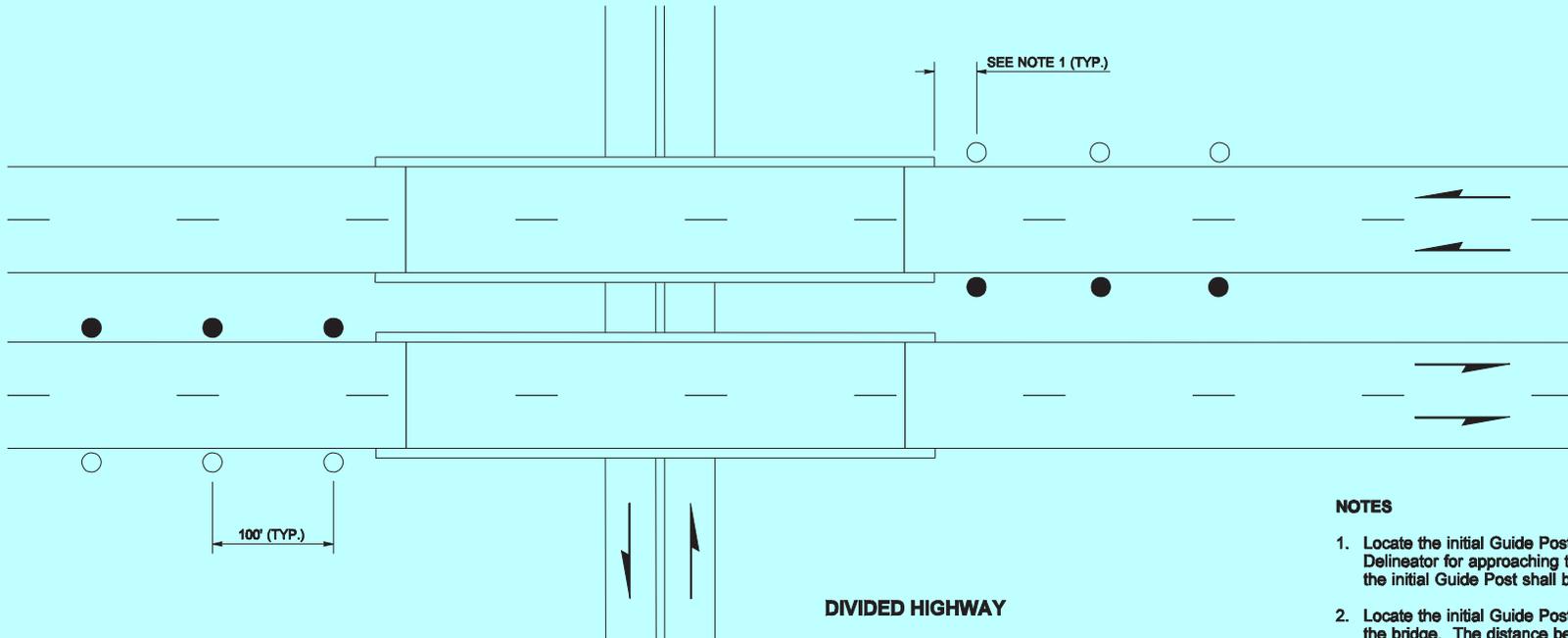
SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

**Pasco Bakotich III** 09-20-07

STATE DESIGN ENGINEER DATE





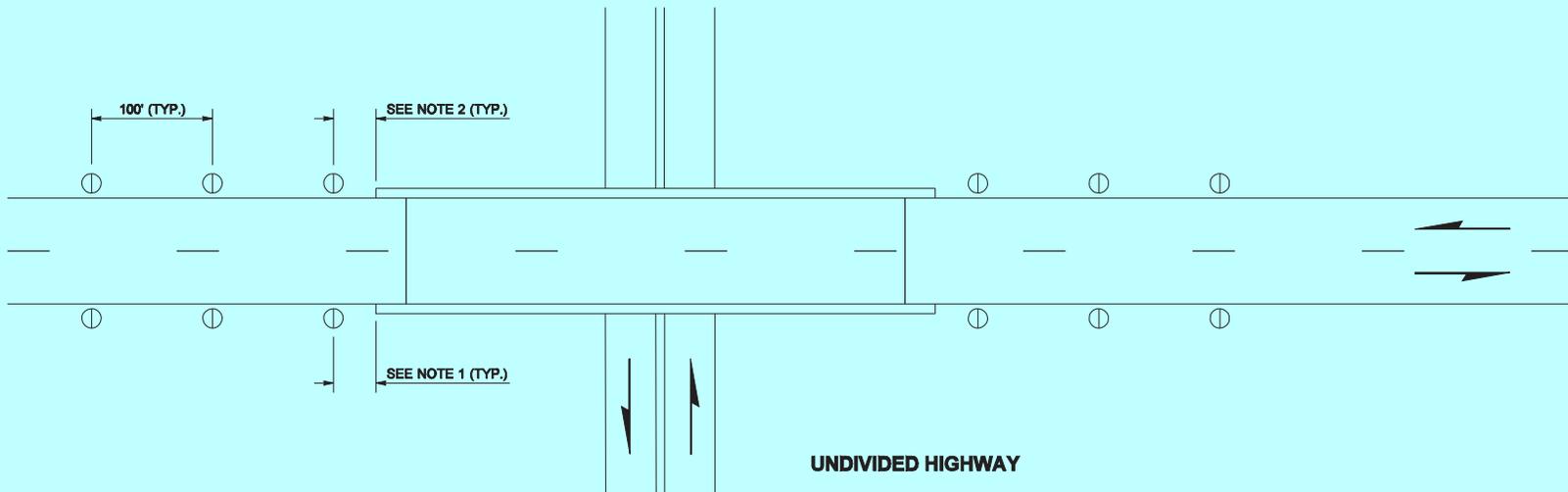
**DIVIDED HIGHWAY**

LEGEND	
○	TYPE W
⊙	TYPE WW
●	TYPE Y

SEE TYPE DEFINITIONS,  
STD. PLAN M-40.10

**NOTES**

1. Locate the initial Guide Post so that it does not hinder the visibility of the Bridge Delineator for approaching traffic. The distance between the bridge end and the initial Guide Post shall be 50 feet max.
2. Locate the initial Guide Post so that its visibility is unhindered for traffic departing the bridge. The distance between the bridge end and the initial Guide Post shall be 50 feet max.
3. See Standard Plan M-40.10 for Guide Post details.



**UNDIVIDED HIGHWAY**



EXPIRES AUGUST 9, 2009

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNLESS ELECTRONICALLY SIGNED BY THE ORIGINAL DESIGNER OR FILED AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**GUIDE POST PLACEMENT BRIDGES**  
**STANDARD PLAN M-40.50-00**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

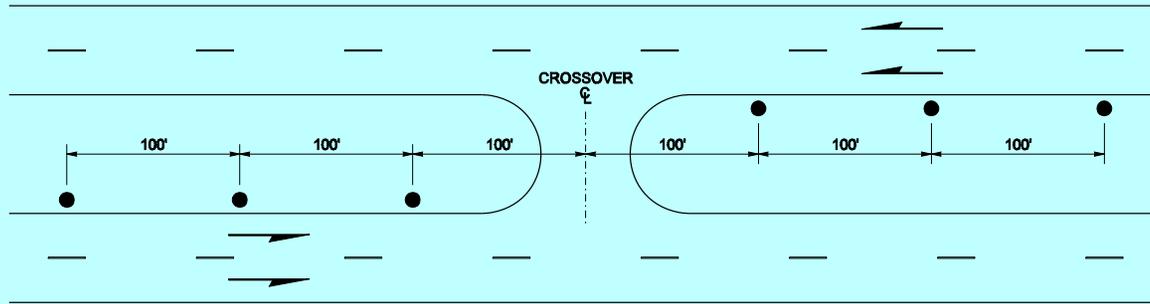
**Pasco Bakotich III** 09-20-07

STATE DESIGN ENGINEER DATE



**NOTE**

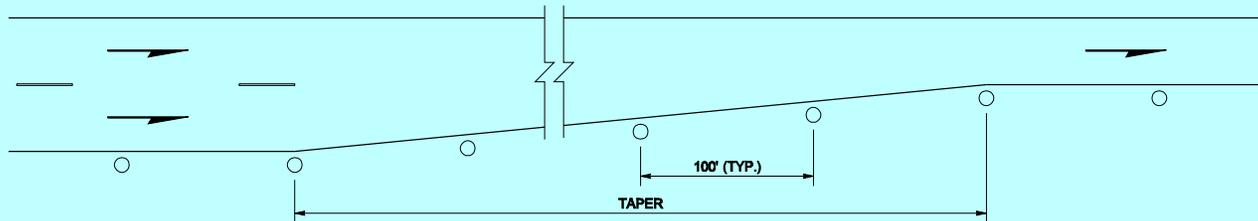
See Standard Plan M-40.10 for Guide Post details.



**MEDIAN CROSSOVERS**

LEGEND	
○	TYPE W
●	TYPE Y

SEE TYPE DEFINITIONS,  
STD. PLAN M-40.10



**LANE REDUCTIONS**



EXPIRES AUGUST 9, 2009

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNLESS ELECTRONICALLY SIGNED AND SEALED BY THE ENGINEER. ANY CHANGES TO THIS DOCUMENT MUST BE MADE IN ACCORDANCE WITH THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**GUIDE POST PLACEMENT  
MISCELLANEOUS  
STANDARD PLAN M-40.60-00**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

**Pasco Bakotich III** 09-20-07

STATE DESIGN ENGINEER DATE

Washington State Department of Transportation

# APPENDIX B





# Instructions for Transfer of Coverage

## Construction Stormwater General Permit

### Instructions

This form is used to process two types of permit transfers: 1) Complete Transfer, or 2) Partial Transfer. Determine which type of transfer applies to your situation before filling out this form.

**1. Complete Transfer:** The original permittee has sold, or otherwise released control of the entire site to another party.

#### Required Paperwork for Complete Transfer:

- 3121 Either the current permittee, or the new permittee(s), must submit a complete and accurate Transfer of Coverage form to Ecology for each new party. The form must be signed by the current permittee **and** the new permittee.

**2. Partial Transfer:** The original permittee retains control over some portion of the site after selling or releasing control over a portion of the site.

#### Required Paperwork for Partial Transfer

- Either the current permittee or the new permittee(s) must submit a complete and accurate Transfer of Coverage Form for each new operator to Ecology. The form must be signed by the current permittee and the new permittee.
- For partial transfers, once all transfers are submitted, the original permittee should submit the Notice of Termination only if the portion(s) they still own or control have undergone final stabilization and meet the criteria for termination.

#### For Your Information

- When this form is 1) completed, 2) signed by the current and new permittee, and 3) submitted to Ecology, permit transfers are effective on the date specified at the top of page 1 (unless Ecology notifies the current permittee and new permittee of its intention to revoke coverage under the General Permit or if Ecology sends notice that the application is incomplete). If no date for the transfer of coverage is specified, Ecology will use the date of the last signature.
- The new permittee should keep a copy of the signed Transfer of Coverage form (which serves as proof of permit coverage) until Ecology sends documentation in the mail.
- Following the transfer, the new permittee must either: (1) use the Stormwater Pollution Prevention Plan (SWPPP) developed by the original operator, and modified as necessary, or (2) develop and use a new SWPPP that meets the requirements of the Construction Stormwater General Permit.
- For projects for which the original permittee has completed a Proposed New Discharge to an Impaired Waterbody Form (ECY 070-399), or for projects that are operating on sites with soil or groundwater contamination: Upon completion of the Transfer of Coverage form, the new permittee will adopt any special provisions made to protect water quality for sites that have existing contamination or that discharge to an impaired waterbody.

*To request ADA accommodation including materials in a format for the visually impaired, call the Water Quality Program at 360-407-6600 or visit <https://ecology.wa.gov/accessibility>. People with impaired hearing may call Washington Relay Service at 711. People with speech disability may call 877-833-6341.*

*This page is intentionally left blank*

Informational Copy



# Transfer of Coverage

Permit # **WAR312119**

## Construction Stormwater General Permit

**This form transfers permit coverage for all, or a portion of a site to one or more new operators.**

Type of permit transfer (check one):  Partial transfer (complete the Partial Transfer acreage below)  Complete transfer

Specific date that permit responsibility, coverage, and liability is transferred to new operator: \_\_\_\_\_

*\*If no date is indicated Ecology will determine the date of transfer.*

Please see instructions for details on type of transfer.

<p><b>For PARTIAL TRANSFERS indicate the acreage remaining under your operational control:</b></p> <ul style="list-style-type: none"> <li>•List <b>total size of project/site</b> remaining under your operational control following the <b>partial transfer</b>: _____ acres.</li> <li>•List <b>total area of soil disturbance</b> remaining under your operational control following the <b>partial transfer</b>: _____ acres.</li> <li>•Submitting this form meets the requirement to submit an updated NOI (General Permit Condition G9)</li> </ul>
---

### Current Operator/Permittee Information

Current Operator/Permittee Name: Dean Cornelison		Company: Whitman County Public Works		
Business Phone: 509-397-5201	Ext:	Mailing Address: PO Box 430		
Cell Phone: 509-595-0256	Fax (optional):			
Email: Dean.Cornelison@whitmancounty.net		City: Colfax	State: WA	Zip+4: 99111-0430
<b>Signature* (see signatory requirements in Section VIII):</b>		Title: County Engineer		
		Date:		

### New Operator/Permittee Information

(the remainder of this form applies to the new Operator/Permittee)

<p><b>I. New Operator/Permittee</b> (Party with operational control over plans and specifications or day-to-day operational control of activities which ensure compliance with Stormwater Pollution Prevention Plan (SWPPP) and permit conditions. Ecology will send correspondence and permit fee invoices to the permittee on record.)</p>				
Name:		Company:		
Business Phone:	Ext:	Unified Business Identifier (UBI): <i>(UBI is a nine-digit number used to identify a business entity. Write "none" if you do not have a UBI number.)</i>		
Cell Phone (Optional):	Fax (Optional):	E-mail:		
Mailing Address:		City:	State:	Zip + 4:
<p><b>II. Property Owner</b> (The party listed on the County Assessor's records as owner and taxpayer of the parcel[s] for which permit coverage is requested. Ecology will <b>not</b> send correspondence and permit fee invoices to the Property Owner. The Property Owner information will be used for emergency contact purposes.)</p>				
Name: Dean Cornelison		Company: Whitman County Public Works		
Business Phone: 509-397-5201	Ext:	Unified Business Identifier (UBI): 381 001 351 <i>(UBI is a nine-digit number used to identify a business entity. Write "none" if you do not have a UBI number.)</i>		
Cell Phone (Optional): 509-595-0256	Fax (Optional):	E-mail: Dean.Cornelison@whitmancounty.net		

Mailing Address: PO Box 430	City: Colfax	State: WA	Zip + 4: 99111-0430
--------------------------------	-----------------	--------------	------------------------

**III. On-Site Contact Person(s)** (Typically the Certified Erosion and Sediment Control Lead or Operator/Permittee)

<b>Name:</b>		<b>Company:</b>		
<b>Business Phone:</b>	<b>Ext:</b>	<b>Mailing Address:</b>		
<b>Cell Phone:</b>	<b>Fax(Optional):</b>	<b>City:</b>	<b>State:</b>	<b>Zip+4:</b>
<b>Email:</b>				

**IV. Site/Project Information**

Site or Project Name <u>Almota Road</u>	Site Acreage Total size of your site/project (that <b>you</b> own/control): <u>26.38</u> acres. (Note: 1 acre = 43,560 sq. ft.)
Street Address or Location Description (If the site lacks a street address, list its specific location. For example, Intersection of Highway 61 and 34.)  <u>Almota Road MP 5.82 - 7.96</u>	Total area of soil disturbance for your site/project over the life of the project: <u>8.29</u> acres. Include grading, equipment staging, excavation, borrow pit, material storage areas, dump areas, haul roads, side-cast areas, off-site construction support areas, and all other soil disturbance acreage associated with the project. (Note: 1 acre = 43,560 sq. ft.)
Parcel ID#: _____ (Optional)	
Type of Construction Activity (check all that apply): <input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Highway or Road (city, county, state) <input type="checkbox"/> Utilities (specify): _____ <input type="checkbox"/> Other (specify): _____	
City (or nearest city): Colfax	Estimated project start-up date (mm/dd/yy):
County: Whitman	Estimated project completion date (mm/dd/yy):
Zip Code: 99111	

Record the latitude and longitude of the *main entrance* to the site or the approximate center of site.

Latitude: 46.811665 °N Longitude: -117.43803 °W

**V. Existing Site Conditions**

- Are you aware of contaminated soils present on the site?  Yes  No
- Are you aware of groundwater contamination located within the site boundary?  Yes  No
- If you answered yes to questions 1 or 2, will any contaminated soils be disturbed or will any contaminated groundwater be discharged due to the proposed construction activity?  Yes  No

("Contaminated" and "contamination" here mean containing any hazardous substance (as defined in WAC 173-340-200) that does not occur naturally or occurs at greater than natural background levels.)

If you answered yes to Question 3, please provide detailed information with the NOI (as known and readily available) on the natures and extent of the contamination (concentrations, locations, and depth), as well as pollution prevention and/or treatment Best Management Practices (BMPs) proposed to control the discharge of soil and/or groundwater contaminants in stormwater. This should include information that would be included in related portions of the Stormwater Pollution Prevention Plan (SWPPP) that describe how contaminated and potentially contaminated construction stormwater and dewatering water will be managed.

Informational Copy

## VI. WQWebDMR (Electronic Discharge Monitoring Reporting)

You must submit monthly discharge monitoring reports using Ecology's WQWebDMR system. To sign up for WQWebDMR, or to register a new site, go to <https://www.ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Water-quality-permits-guidance/WQWebPortal-guidance>. If you are unable to submit your DMRs electronically, you may contact Ecology to request a waiver. Ecology will generally only grant waiver requests to those permittees without internet access. Only a permittee or representative, designated in writing, may request access to or a waiver from WQWebDMR. To have the ability to use the system immediately, **you must submit the Electronic Signature Agreement with your transfer of coverage form**. If you have questions on this process, contact Ecology's WQWebDMR staff at [WebDMRPortal@ecy.wa.gov](mailto:WebDMRPortal@ecy.wa.gov) or 800/633-6193 or 360-407-7097 (local). Note: DMRs are optional for permitted sites under 1 acre that do not discharge to impaired waterbodies.

## VII. Discharge/Receiving Water Information

Indicate whether your site's stormwater and/or dewatering water could enter surface waters, **directly and/or indirectly**.

Water will discharge directly or indirectly (through a storm drain system or roadside ditch) into one or more surface waterbodies (wetlands, creeks, lakes, and all other surface waters and water courses).

If your discharge is to a storm sewer system, provide the name of the operator of the storm sewer system:  
(e.g., City of Tacoma): \_\_\_\_\_

Water will discharge to ground with 100% infiltration, with no potential to reach surface waters under any conditions.

If your project includes dewatering, you **must** include dewatering plans and discharge locations in your site Stormwater Pollution Prevention Plan.

### Location of Outfall into Surface Waterbody

Enter the outfall identifier code, waterbody name, and latitude/longitude of the point(s) where the site has the potential to discharge into a waterbody (the outfall). Enter all locations. **See illustration of Surface Waterbody Outfall locations at the end of this form.**

- Include the names and locations of both direct and indirect discharges to surface waterbodies, even if the risk of discharge is low or limited to periods of extreme weather. **Attach a separate list if necessary.**
- Give each point a unique 1-4 digit alpha numeric code. This code will be used for identifying these points in WQWebDMR.
- Some large construction projects (for example, subdivisions, roads, or pipelines) may discharge into several waterbodies.
- If the creek or tributary is unnamed, use a format such as "unnamed tributary to Deschutes River."
- If the site discharges to a stormwater conveyance system that in turn flows to a surface waterbody, include the surface waterbody name and location.

Outfall Identifier Code. These cannot be symbols. (Maximum of 4 characters).	Surface Waterbody Name at the Outfall	Latitude Decimal Degrees	Longitude Decimal Degrees
Example: 001A	Example: Puget Sound	47.5289247° N	-122.3123550° W
1	Tributary to Union Flat Creek	46.814697° N	-117.435197° W
2	Tributary to Union Flat Creek	46.813486° N	-117.440240° W
3	Union Flat Creek	46.809873	-117.432494
4	Groundwater	46.811606° N	-117.437472° W

If your site discharges to a waterbody that is on the impaired waterbodies list (e.g., 303[d] list) for turbidity, fine sediment, high pH, or phosphorus, Ecology will require additional documentation before issuing permit coverage and these sites will be subject to additional sampling and numeric effluent limits (per Permit Condition S8). Ecology will notify you if any additional sampling requirements apply. Information on impaired waterbodies is available online at: <https://www.ecology.wa.gov/Water-Shorelines/Water-quality/Water-improvement/Assessment-of-state-waters-303d>.

**Before signing, please use the following checklist to ensure this form is complete:**

- All spaces on this form have been completed. (Attach additional sheets if necessary)
- The transfer form has been signed by both the current permittee (see Page 1) **and** the new permittee (see Section VIII below).
- The date permit responsibility was transferred is specified. (See Page 1)
- New Operator/Permittee: Before you submit this form to Ecology, please retain a copy for your records – this will serve as proof of permit coverage until documentation arrives from Ecology.
- For partial transfers: If the original permittee no longer owns or controls any portions of the site that meet the criteria for termination, the original permittee must submit a Notice of Termination (NOT) to terminate permit coverage. See the CSWGP website for a link to the NOT form: [www.ecology.wa.gov/constructionstormwaterpermit](http://www.ecology.wa.gov/constructionstormwaterpermit).
- For sites with contaminated soils/groundwater or a new discharger to an impaired waterbody: Any special provisions to protect water quality put in place at the time of initial coverage have been reviewed and adopted by the new permittee.

Administrative Order Docket No. \_\_\_\_\_

**VIII. Certification of New Permittee**

*"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."*

Printed/Typed Name

Company (operator/permittee only)

Title

Signature of New Operator/Permittee

Date

**Signature of Operator/Permittee requirements:**

- A. For a corporation: By a responsible corporate officer.
- B. For a partnership or sole proprietorship: By a general partner or the proprietor, respectively.
- C. For a municipality, state, federal, or other public facility: By either a principal executive officer or ranking elected official.

Please sign and return this **ORIGINAL** document to the following address:

Department of Ecology – Construction Stormwater  
 PO Box 47696  
 Olympia, WA 98504-7696

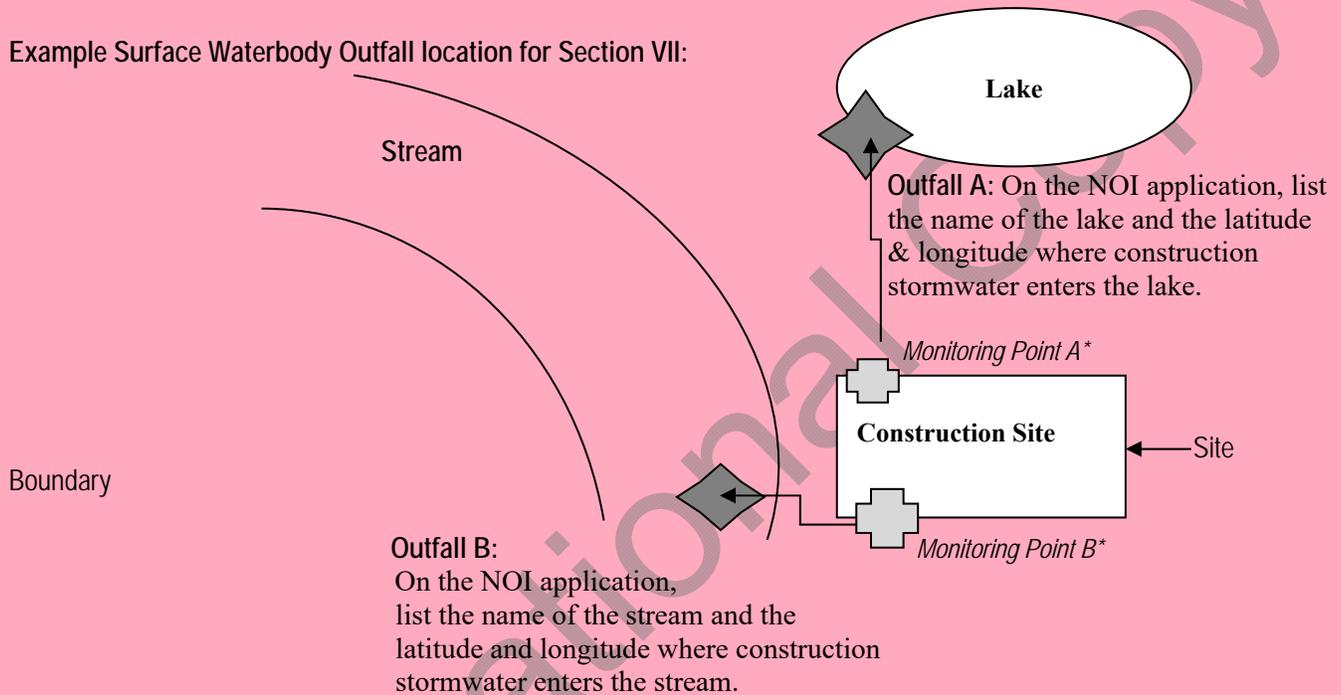
**If you have questions about this form, contact the following Ecology staff:**

Location	Contact Name	Phone	E-mail
City of Seattle, and Kitsap, Pierce, and Thurston counties	Josh Klimek	360-407-7451	<a href="mailto:josh.klimek@ecy.wa.gov">josh.klimek@ecy.wa.gov</a>
Island, King, and San Juan counties	RaChelle Stane	360-407-6556	<a href="mailto:rachelle.stane@ecy.wa.gov">rachelle.stane@ecy.wa.gov</a>
Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Skagit, Snohomish, Spokane, Stevens, Walla, Whatcom, and Whitman counties.	Shawn Hopkins	360-407-6442	<a href="mailto:shawn.hopkins@ecy.wa.gov">shawn.hopkins@ecy.wa.gov</a>
Benton, Chelan, Clallam, Clark, Cowlitz, Douglas, Grays Harbor, Jefferson, Kittitas, Klickitat, Lewis, Mason, Okanogan, Pacific, Skamania, Wahkiakum, and Yakima counties.	Joyce Smith	360-407-6858	<a href="mailto:joyce.smith@ecy.wa.gov">joyce.smith@ecy.wa.gov</a>

You must submit monthly discharge monitoring reports using Ecology's WQWebDMR system. To sign up for WQWebDMR, or to register a new site, go to [www.ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Water-quality-permits-guidance/WQWebPortal-guidance](http://www.ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Water-quality-permits-guidance/WQWebPortal-guidance). If you are unable to submit your DMRs electronically, you may contact Ecology to request a waiver. Ecology will generally only grant waiver requests to those permittees without internet access. Only a permittee or representative, designated in writing, may request access to or a waiver from WQWebDMR. To have the ability to use the system immediately, **you must submit the Electronic Signature Agreement with your application.**

If you have questions on this process, contact Ecology's WQWebDMR staff at [WQWebPortal@ecy.wa.gov](mailto:WQWebPortal@ecy.wa.gov) or 800-633-6193 or 360-407-7097 (local).

#### Example Surface Waterbody Outfall location for Section VII:



\*Note: The monitoring points are for illustration only and are not required on this Notice of Intent application form. Monitoring point information will be entered on the monthly discharge monitoring report as required for active permits.

*To request ADA accommodation including materials in a format for the visually impaired, call the Water Quality Program at 360-407-6600 or visit <https://ecology.wa.gov/accessibility>. People with impaired hearing may call Washington Relay Service at 711. People with speech disability may call TYY at 877-833-6341.*

Informational Copy





# HYDRAULIC PROJECT APPROVAL

Washington Department of  
Fish & Wildlife  
PO Box 43234  
Olympia, WA 98504-3234  
(360) 902-2200

Issued Date: March 09, 2023  
Project End Date: November 30, 2023

Permit Number: 2023-1-24+01  
FPA/Public Notice Number: N/A  
Application ID: 30135

PERMITTEE	AUTHORIZED AGENT OR CONTRACTOR
Whitman County Public Works ATTENTION: Dean Cornelison PO Box 430 Colfax, WA 99111-0430	

**Project Name:** Almota Road C.R.P. No. 8000-10

**Project Description:** Replace 2 deteriorating culverts, in the seasonal tributary of Union Flat Creek, with new larger culverts as part of road reconstruction project. The new culverts will be placed in the same location as existing culverts.

## PROVISIONS

### TIMING - PLANS - INVASIVE SPECIES CONTROL

- 1. TIMING LIMITATION:** You may begin the project on June 15, and you must complete the project by November 30, 2023.
- 2. APPROVED PLANS:** You must accomplish the work per plans and specifications submitted with the application and approved by the Washington Department of Fish and Wildlife, and E-mail entitled, 'Almota Road HPA Drawings', received on February 28, 2023, except as modified by this Hydraulic Project Approval. You must have a copy of these plans available on site during all phases of the project construction.
- 3. INVASIVE SPECIES CONTROL:** Follow Method 1 for low risk locations (i.e. clean/drain/dry). Thoroughly remove visible dirt and debris from all equipment and gear (including drive mechanisms, wheels, tires, tracks, buckets, and undercarriage) before arriving and leaving the job site to prevent the transport and introduction of invasive species. For contaminated or high risk sites please refer to the Method 2 Decontamination protocol. Properly dispose of any water and chemicals used to clean gear and equipment. You can find this and additional information in the Washington Department of Fish and Wildlife's "Invasive Species Management Protocols", available online at <https://wdfw.wa.gov/species-habitats/invasive/prevention>.

### NOTIFICATION REQUIREMENTS

- 4. PRE- AND POST-CONSTRUCTION NOTIFICATION:** You, your agent, or contractor must contact the Washington Department of Fish and Wildlife by e-mail at [HPAapplications@dfw.wa.gov](mailto:HPAapplications@dfw.wa.gov); mail to Post Office Box 43234, Olympia, Washington 98504-3234; or fax to (360) 902-2946 at least three business days before starting work, and again within seven days after completing the work. The notification must include the permittee's name, project location, starting date for work or date the work was completed, and the permit number. The Washington Department of Fish and Wildlife may conduct inspections during and after construction; however, the Washington Department of Fish and Wildlife will notify you or your agent before conducting the inspection.
- 5. FISH KILL/ WATER QUALITY PROBLEM NOTIFICATION:** If a fish kill occurs or fish are observed in distress at the job site, immediately stop all activities causing harm. Immediately notify the Washington Department of Fish and Wildlife of the problem. If the likely cause of the fish kill or fish distress is related to water quality, also notify the Washington Military Department Emergency Management Division at 1-800-258-5990. Activities related to the fish kill or fish distress must not resume until the Washington Department of Fish and Wildlife gives approval. The Washington Department of Fish and Wildlife may require additional measures to mitigate impacts.



# HYDRAULIC PROJECT APPROVAL

Washington Department of  
Fish & Wildlife  
PO Box 43234  
Olympia, WA 98504-3234  
(360) 902-2200

Issued Date: March 09, 2023

Permit Number: 2023-1-24+01

Project End Date: November 30, 2023

FPA/Public Notice Number: N/A

Application ID: 30135

---

## STAGING, JOB SITE ACCESS, AND EQUIPMENT

6. Establish staging areas (used for equipment storage, vehicle storage, fueling, servicing, and hazardous material storage) in a location and manner that will prevent contaminants such as petroleum products, hydraulic fluid, fresh concrete, sediments, sediment-laden water, chemicals, or any other toxic or harmful materials from entering waters of the state.
7. Limit the removal of native bankline vegetation to the minimum amount needed to construct the project.
8. Retain all natural habitat features on the bed or banks including large woody material and boulders. You may move these natural habitat features during construction but you must place them near the preproject location before leaving the job site.
9. Check equipment daily for leaks and complete any required repairs in an upland location before using the equipment in or near the water.
10. Equipment used for this project may operate waterward of the ordinary high water line, provided the drive mechanisms (wheels, tracks, tires, etc.) do not enter or operate waterward of the ordinary high water line.

## CONSTRUCTION-RELATED SEDIMENT, EROSION AND POLLUTION CONTAINMENT

11. Protect all disturbed areas from erosion. Maintain erosion and sediment control until all work and cleanup of the job site is complete.
12. All erosion control materials that will remain onsite must be composed of 100% biodegradable materials.
13. Straw used for erosion and sediment control, must be certified free of noxious weeds and their seeds.
14. Stop all hydraulic project activities except those needed to control erosion and siltation, if flow conditions arise that will result in erosion or siltation of waters of the state.
15. Deposit waste material from the project, such as construction debris, silt, excess dirt, or overburden, in an upland area above the limits of anticipated floodwater unless the material is approved by the Washington Department of Fish and Wildlife for reuse in the project.

## IN-WATER WORK WITHOUT A BYPASS OR COFFERDAM

16. A temporary bypass is not required when the following circumstances exist, provided you can comply with the Hydraulic Project Approval provisions:

- a) When installing a coffer dam, bypass or similar structure would cause greater impacts to fish life than it would prevent;
- b) When the work area is in deep or swiftly flowing water;
- c) When turbidity is not a concern (i.e. the stream is dry, very slow flow);
- d) When fish can be excluded by nets or screens; or
- e) When fish are not present.

## CULVERT

17. Establish the culvert invert elevation with reference point(s) or benchmark(s) created before to starting work on this project. Clearly mark and preserve the reference point(s) for post-project compliance. Before backfilling, confirm the invert elevation, as stated on the plans, relative to the reference points with at least a construction-grade leveling device (such as an optical auto-level or laser level).
18. The length of the upstream culvert must not exceed 125 feet. The length of the downstream culvert must not exceed 155 feet.
19. Set the upstream culvert at the same gradient as the prevailing stream gradient of 3.3 percent. Set the downstream culvert at the same gradient as the prevailing stream gradient of 4.2 percent.
20. Countersink both culverts to a minimum of thirty percent and a maximum of fifty percent of the culvert rise, but not less than two feet. This criterion applies through the full length of the culvert.



# HYDRAULIC PROJECT APPROVAL

Washington Department of  
Fish & Wildlife  
PO Box 43234  
Olympia, WA 98504-3234  
(360) 902-2200

Issued Date: March 09, 2023  
Project End Date: November 30, 2023

Permit Number: 2023-1-24+01  
FPA/Public Notice Number: N/A  
Application ID: 30135

- 21. Minimize damage to the bed and banks when placing the culvert.
- 22. Protect structural fill associated with the culvert installation from erosion to the 100-year peak flow.
- 23. The owner(s) must maintain the culvert to ensure it provides continued, unimpeded fish passage. If the culvert becomes a hindrance to fish passage, the owner must obtain an Hydraulic Project Approval and provide prompt repair.

### DEMOBILIZATION AND CLEANUP

- 24. Upon completion of the project, restore the disturbed bed, banks, and riparian zone to preproject condition to the extent possible.
- 25. To prevent fish from stranding, backfill trenches, depressions, and holes in the bed that may entrain fish during high water or wave action.
- 26. Stabilize the bed with clean material sized to match undisturbed sediments.
- 27. Upon completion of the project, remove all materials or equipment from the site and dispose of all excess spoils and waste materials in an upland area above the limits of anticipated floodwater.
- 28. Remove temporary erosion and sediment control methods after job site is stabilized or within three months of project completion, whichever is sooner.
- 29. Seed areas disturbed by construction activities with a native seed mix suitable for the site that has at least one quick-establishing plant species.

LOCATION #1:		Site Name: Almota Road 6560 Almota Road, Colfax, WA 99111				
WORK START:		June 15, 2023		WORK END:		November 30, 2023
<u>WRIA</u>		<u>Waterbody:</u>			<u>Tributary to:</u>	
34 - Palouse		Other			Other	
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
SE 1/4	06	15 N	43 E	46.81360	-117.439569	Whitman
<u>Location #1 Driving Directions</u>						
Starting at US 195 in Colfax, WA Right on South Main St for approximately 0.2 miles Right on Fairview St. (turns into Almota Road in 0.5 miles) Proceed on Almota Road for 6.0 miles to intersection with Sommers Road.						

## 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.



## HYDRAULIC PROJECT APPROVAL

Washington Department of  
Fish & Wildlife  
PO Box 43234  
Olympia, WA 98504-3234  
(360) 902-2200

Issued Date: March 09, 2023

Permit Number: 2023-1-24+01

Project End Date: November 30, 2023

FPA/Public Notice Number: N/A

Application ID: 30135

---

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 civil action against you, including, but not limited to, a stop work order or notice to comply, and/or a gross misdemeanor criminal 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.

**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 unless this is a General HPA. If this is a General HPA you must use the Major Modification process described below. Any approved minor modification will require issuance of a letter documenting the approval. A minor modification to the required work timing means any change to the work start or end dates of the current work season to enable project or work phase completion. Minor modifications will be approved only if spawning or incubating fish are not 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. 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 did not use APPS you must submit a written request that clearly indicates you are seeking a minor modification to an existing HPA. Written requests must include the name of the applicant, the name of the authorized agent if one is acting for the applicant, the APP ID number of the HPA, the date issued, the permitting biologist, the requested changes to the HPA, the reason for the requested change, the date of the request, and the requestor's signature. 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). 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 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 did not use APPS you must submit a written request that clearly indicates you are requesting a major modification to an existing HPA. Written requests must include the name of the applicant, the name of the authorized agent if one is acting for the applicant, the APP ID number of the HPA, the date issued, the permitting biologist, the requested changes to the HPA, the reason for the requested change, the date of the request, and the requestor's signature. Send your written request by mail to: Washington Department of Fish and Wildlife, PO Box 43234, Olympia, Washington 98504-3234. You may email your request for a major modification to [HPAapplications@dfw.wa.gov](mailto:HPAapplications@dfw.wa.gov). You should allow up to 45 days for the department to process your request.



# HYDRAULIC PROJECT APPROVAL

Washington Department of  
Fish & Wildlife  
PO Box 43234  
Olympia, WA 98504-3234  
(360) 902-2200

Issued Date: March 09, 2023

Permit Number: 2023-1-24+01

Project End Date: November 30, 2023

FPA/Public Notice Number: N/A

Application ID: 30135

---

## 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 220-660-460 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.

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 HPA Appeals Coordinator, Department of Fish and Wildlife, Habitat Program, PO Box 43234, Olympia, Washington 98504-3234; 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 may conduct an informal hearing or review 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 220-660-470 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 HPA Appeals Coordinator, Department of Fish and Wildlife, Habitat Program, PO Box 43234, Olympia, Washington 98504-3234; 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.

---



# HYDRAULIC PROJECT APPROVAL

Washington Department of  
Fish & Wildlife  
PO Box 43234  
Olympia, WA 98504-3234  
(360) 902-2200

Issued Date: March 09, 2023

Permit Number: 2023-1-24+01

Project End Date: November 30, 2023

FPA/Public Notice Number: N/A

Application ID: 30135

---

Habitat Biologist                      melissa.mackelvie@dfw.wa.gov

Melissa Mackelvie                      509-939-8454

A handwritten signature in black ink, appearing to read "Melissa Mackelvie".

for Director

WDFW

---



# NATIONWIDE PERMIT 3

## Terms and Conditions



2021 NWP's - Final 41; Effective Date: February 25, 2022

- 
- A. Description of Authorized Activities
  - B. U.S. Army Corps of Engineers (Corps) National General Conditions for All Final 41 NWP's
  - C. Seattle District Regional General Conditions
  - D. Seattle District Regional Specific Conditions for this Nationwide Permit (NWP)
  - E. 401 Water Quality Certification (401 WQC) for this NWP
  - F. 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 (NWP) 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. This NWP also authorizes the removal of previously authorized structures or fills. 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. This NWP also authorizes the removal of accumulated sediment and debris within, and in the immediate vicinity 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 outside the immediate vicinity of existing structures (e.g., bridges, culverted road crossings, water intake structures, etc.). 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.

(c) This NWP also authorizes temporary structures, fills, and work, including the use of temporary mats, 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 of dredged or fill material, 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. After conducting the maintenance activity, 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 32). The pre-construction notification must include information regarding the original design capacities and configurations of the outfalls, intakes, small impoundments, and canals. (Authorities: Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act (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 2021 NWPs - FINAL 41

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 or her 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. If a bottomless culvert cannot be used, then the crossing should be designed and constructed to minimize adverse effects to aquatic life movements.

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 NWP 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, storm water management activities, and temporary and permanent road crossings, 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, or during low tides.

13. Removal of Temporary Structures and Fills. Temporary structures must be removed, to the maximum extent practicable, after their use has been discontinued. 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. (a) No NWP 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.

(b) If a proposed NWP activity will 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, the permittee must submit a pre-construction notification (see general condition 32). The district engineer will coordinate the PCN with the Federal agency with direct management responsibility for that river. Permittees shall not begin the NWP activity until notified by the district engineer that the Federal agency with direct management responsibility for that river has determined in writing that the proposed NWP activity will not adversely affect the Wild and Scenic River designation or study status.

(c) 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). Information on these rivers is also available at: <http://www.rivers.gov/>.

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 designated critical habitat or critical habitat proposed for such designation. No activity is authorized under any NWP which "may affect" a listed species or critical habitat, unless ESA section 7 consultation addressing the consequences of the proposed activity on listed species or critical habitat has been completed. See 50 CFR 402.02 for the definition of "effects of the action" for the purposes of ESA section 7 consultation, as well as 50 CFR 402.17, which provides further explanation under ESA section 7 regarding "activities that are reasonably certain to occur" and "consequences caused by the proposed action."

(b) Federal agencies should follow their own procedures for complying with the requirements of the ESA (see 33 CFR 330.4(f)(1)). If pre-construction notification is required for the proposed activity, the Federal permittee must provide the district engineer with the appropriate documentation to demonstrate compliance with those requirements. The district engineer will verify that the appropriate documentation has been submitted. If the appropriate documentation has not been submitted, additional ESA section 7 consultation may be necessary for the activity and the respective federal agency would be responsible for fulfilling its obligation under section 7 of the ESA.

(c) Non-federal permittees must submit a pre-construction notification to the district engineer if any listed species (or species proposed for listing) or designated critical habitat (or critical habitat proposed such designation) might be affected or is in the vicinity of the activity, or if the activity is located in designated critical habitat or critical habitat proposed for such designation, 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 species proposed for listing) or designated critical habitat (or critical habitat proposed for such designation), the pre-construction notification must include the name(s) of the endangered or threatened species (or species proposed for listing) that might be affected by the proposed activity or that utilize the designated critical habitat (or critical habitat proposed for such designation) that might be affected by the proposed activity. 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. For activities where the non-Federal applicant has identified listed species (or species proposed for listing) or designated critical habitat (or critical habitat proposed for such designation) that might be affected or is in the vicinity of the activity, and has so notified the Corps, the applicant shall not begin work until the Corps has provided notification that the proposed activity will have "no effect" on listed species (or species proposed for listing or designated critical habitat (or critical habitat proposed for such designation), or until ESA section 7 consultation or conference 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 or conference with the FWS or NMFS the district engineer may add species-specific permit conditions to the NWPs.

(e) Authorization of an activity by an 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 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) If the non-federal permittee has a valid ESA section 10(a)(1)(B) incidental take permit with an approved Habitat Conservation Plan for a project or a group of projects that includes the proposed NWP activity, the non-federal applicant should provide a copy of that ESA section 10(a)(1)(B) permit with the PCN required by paragraph (c) of this general condition. The district engineer will coordinate with the agency that issued the ESA section 10(a)(1)(B) permit to determine whether the proposed NWP activity and the associated incidental take were considered in the internal ESA section 7 consultation conducted for the ESA section 10(a)(1)(B) permit. If that coordination results in concurrence from the agency that the proposed NWP activity and the associated incidental take were considered in the internal ESA section 7 consultation for the ESA section 10(a)(1)(B) permit, the district engineer does not need to conduct a separate ESA section 7 consultation for the proposed NWP activity. The district engineer will notify the non-federal applicant within 45 days of receipt of a complete pre-construction notification whether the ESA section 10(a)(1)(B) permit covers the proposed NWP activity or whether additional ESA section 7 consultation is required.

(g) Information on the location of threatened and endangered species and their critical habitat can be obtained directly from the offices of the FWS and NMFS or their world wide web pages at <http://www.fws.gov/> or <http://www.fws.gov/ipac> and <http://www.nmfs.noaa.gov/pr/species/esa/> respectively.

19. Migratory Birds and Bald and Golden Eagles. The permittee is responsible for ensuring that an action authorized by an NWP complies with the Migratory Bird Treaty Act and the Bald and Golden Eagle Protection Act. The permittee is responsible for contacting the appropriate local office of the U.S. Fish and Wildlife Service to determine what measures, if any, are necessary or appropriate to reduce adverse effects to migratory birds or eagles, including whether “incidental take” permits are necessary and available under the Migratory Bird Treaty Act or Bald and Golden Eagle Protection Act for a particular activity.

20. Historic Properties. (a) No activity is authorized under any NWP which may have the potential to cause effects to properties listed, or eligible for listing, in the National Register of Historic Places 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 (see 33 CFR 330.4(g)(1)). If pre-construction notification is required for the proposed NWP activity, the Federal permittee must provide the district engineer with the appropriate documentation to demonstrate compliance with those requirements. The district engineer will verify that the appropriate documentation has been submitted. If the appropriate documentation is not submitted, then additional consultation under section 106 may be necessary. The respective federal agency is responsible for fulfilling its obligation to comply with section 106.

(c) Non-federal permittees must submit a pre-construction notification to the district engineer if the NWP activity might 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 might have the potential to be affected by the proposed NWP activity 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

properties can be sought from the State Historic Preservation Officer, Tribal Historic Preservation Officer, or designated tribal representative, 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 commensurate with potential impacts, which may include background research, consultation, oral history interviews, sample field investigation, and/or field survey. Based on the information submitted in the PCN and these identification efforts, the district engineer shall determine whether the proposed NWP activity has the potential to cause effects on the historic properties. Section 106 consultation is not required when the district engineer determines that the activity does not have the potential to cause effects on historic properties (see 36 CFR 800.3(a)). Section 106 consultation is required when the district engineer determines that the activity has the potential to cause effects on historic properties. The district engineer will conduct consultation with consulting parties identified under 36 CFR 800.2(c) when he or she makes any of the following effect determinations for the purposes of section 106 of the NHPA: no historic properties affected, no adverse effect, or adverse effect.

(d) Where the non-Federal applicant has identified historic properties on which the proposed NWP activity might have the potential to cause effects and has 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 to historic properties or that NHPA section 106 consultation has been completed. For non-federal permittees, 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. If NHPA section 106 consultation is required, the district engineer will notify the non-Federal applicant that he or she cannot begin the activity 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 (54 U.S.C. 306113) 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. Permittees that discover any previously unknown historic, cultural or archeological remains and artifacts while accomplishing the activity authorized by an NWP, they must immediately notify the district engineer of what they 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 NWP 7, 12, 14, 16, 17, 21, 29, 31, 35, 39, 40, 42, 43, 44, 49, 50, 51, 52, 57 and 58 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, 38, and 54, notification is required in accordance with general condition 32, for any activity proposed by permittees in the designated critical resource waters including wetlands adjacent to those waters. The district engineer may authorize activities under these NWPs only after she or he determines 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 the individual and cumulative adverse environmental effects are no more than 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 individual and cumulative adverse environmental effects are no more than 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 environmental effects of the proposed activity are no more than minimal, and provides an activity-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 only minimal adverse environmental effects.

(d) Compensatory mitigation at a minimum one-for-one ratio will be required for all losses of stream bed that exceed 3/100-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 environmental effects of the proposed activity are no more than minimal, and provides an activity-specific waiver of this requirement. This compensatory mitigation requirement may be satisfied through the restoration or enhancement of riparian areas next to streams in accordance with paragraph (e) of this general condition. For losses of stream bed of 3/100-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 only minimal adverse environmental effects. Compensatory mitigation for losses of streams should be provided, if practicable, through stream rehabilitation, enhancement, or preservation, since streams are difficult-to-replace resources (see 33 CFR 332.3(e)(3)).

(e) Compensatory mitigation plans for NWP activities in or near streams or other open waters will normally include a requirement for the restoration or enhancement, maintenance, and legal protection (e.g., conservation easements) of riparian areas next to open waters. In some cases, the restoration or maintenance/protection of riparian areas may be the only compensatory mitigation required. If restoring riparian areas involves planting vegetation, only native species should be planted. 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 restore or maintain/protect a riparian area on both sides of a stream, or if the waterbody is a lake or coastal waters, then restoring or maintaining/protecting 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 minimization or compensatory

mitigation, the district engineer may waive or reduce the requirement to provide wetland compensatory mitigation for wetland losses.

(f) 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 no more than minimal adverse environmental effects. For the NWP, the preferred mechanism for providing compensatory mitigation is mitigation bank credits or in-lieu fee program credits (see 33 CFR 332.3(b)(2) and (3)). However, if an appropriate number and type of mitigation bank or in-lieu credits are not available at the time the PCN is submitted to the district engineer, the district engineer may approve the use of permittee-responsible mitigation.

(2) The amount of compensatory mitigation required by the district engineer must be sufficient to ensure that the authorized activity results in no more than minimal individual and cumulative adverse environmental effects (see 33 CFR 330.1(e)(3)). (See also 33 CFR 332.3(f).)

(3) Since the likelihood of success is greater and the impacts to potentially valuable uplands are reduced, aquatic resource restoration should be the first compensatory mitigation option considered for permittee-responsible mitigation.

(4) 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) through (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)). If permittee-responsible mitigation is the proposed option, and the proposed compensatory mitigation site is located on land in which another federal agency holds an easement, the district engineer will coordinate with that federal agency to determine if proposed compensatory mitigation project is compatible with the terms of the easement.

(5) If mitigation bank or in-lieu fee program credits are the proposed option, the mitigation plan needs to address only the baseline conditions at the impact site and the number of credits to be provided (see 33 CFR 332.4(c)(1)(ii)).

(6) 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 (see 33 CFR 332.4(c)(1)(ii)).

(g) 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 NWP activity 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 an NWP activity already meeting the established acreage limits also satisfies the no more than minimal impact requirement for the NWPs.

(h) Permittees may propose the use of mitigation banks, in-lieu fee programs, or permittee-responsible mitigation. When developing a compensatory mitigation proposal, the permittee must consider appropriate and practicable options consistent with the framework at 33 CFR 332.3(b). For activities resulting in the loss of marine or estuarine resources, permittee-responsible 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.

(i) Where certain functions and services of waters of the United States are permanently adversely affected by a regulated activity, such as discharges of dredged or fill material into waters of the United States that will convert 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 environmental effects of the activity to the no more than 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 or federal, 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. (a) Where the certifying authority (state, authorized tribe, or EPA, as appropriate) has not previously certified compliance of an NWP with CWA section 401, a CWA section 401 water quality certification for the proposed discharge must be obtained or waived (see 33 CFR 330.4(c)). If the permittee cannot comply with all of the conditions of a water quality certification previously issued by certifying authority for the issuance of the NWP, then the permittee must obtain a water quality certification or waiver for the proposed discharge in order for the activity to be authorized by an NWP.

(b) If the NWP activity requires pre-construction notification and the certifying authority has not previously certified compliance of an NWP with CWA section 401, the proposed discharge is not authorized by an NWP until water quality certification is obtained or waived. If the certifying authority issues a water quality certification for the proposed discharge, the permittee must submit a copy of the certification to the district engineer. The discharge is not authorized by an NWP until the district engineer has notified the permittee that the water quality certification requirement has been satisfied by the issuance of a water quality certification or a waiver.

(c) The district engineer or certifying authority 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)). If the permittee cannot comply with all of the conditions of a coastal zone management consistency concurrence previously issued by the state, then the permittee must obtain an individual coastal zone management consistency concurrence or presumption of concurrence in order for the activity to be authorized by an NWP. 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 CWA 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 authorized, subject to the following restrictions:

(a) If only one of the NWPs used to authorize the single and complete project has a specified acreage limit, the acreage loss of waters of the United States cannot 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.

(b) If one or more of the NWP's used to authorize the single and complete project has specified acreage limits, the acreage loss of waters of the United States authorized by those NWP's cannot exceed their respective specified acreage limits. For example, if a commercial development is constructed under NWP 39, and the single and complete project includes the filling of an upland ditch authorized by NWP 46, the maximum acreage loss of waters of the United States for the commercial development under NWP 39 cannot exceed 1/2-acre, and the total acreage loss of waters of United States due to the NWP 39 and 46 activities cannot exceed 1 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 implementation of 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 activity 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 activity and mitigation.

The completed certification document must be submitted to the district engineer within 30 days of completion of the authorized activity or the implementation of any required compensatory mitigation, whichever occurs later.

31. Activities Affecting Structures or Works Built by the United States. If an NWP activity also requires review by, or permission from, the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or use a U.S. Army Corps of Engineers (USACE) federally authorized Civil Works project (a "USACE project"), the prospective permittee must submit a pre-construction notification. See paragraph (b)(10) of general condition 32. An activity that requires section 408 permission and/or review is not authorized by an NWP until the appropriate Corps office issues the section 408 permission or

completes its review to alter, occupy, or use the USACE project, and the district engineer issues a written NWP verification.

32. 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 are in the vicinity of the activity, or to notify the Corps pursuant to general condition 20 that the activity might 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 Act (see 33 CFR 330.4(g)) has been completed. 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 activity;

(3) Identify the specific NWP or NWP(s) the prospective permittee wants to use to authorize the proposed activity;

(4) (i) A description of the proposed activity; the activity's purpose; direct and indirect adverse environmental effects the activity would cause, including the anticipated amount of loss of wetlands, other special aquatic sites, and other waters expected to result from the NWP activity, in acres, linear feet, or other appropriate unit of measure; a description of any proposed mitigation measures intended to reduce the adverse environmental effects caused by the proposed activity; and 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, including other separate and distant crossings for linear projects that require Department of the Army authorization but do not require pre-construction notification. The description of the proposed activity and any proposed mitigation measures should be sufficiently detailed to allow the district engineer to determine that the adverse environmental effects of the activity will be no more than minimal and to determine the need for compensatory mitigation or other mitigation measures.

(ii) For linear projects where one or more single and complete crossings require pre-construction notification, the PCN must include the quantity of anticipated losses of wetlands, other special aquatic sites, and other waters for each single and complete crossing of those wetlands, other special aquatic sites, and other waters (including those single and complete crossings authorized by an NWP but do not require PCNs). This information will be used by the district engineer to evaluate the cumulative adverse environmental effects of the proposed linear project, and does not change those non-PCN NWP activities into NWP PCNs.

(iii) Sketches should be provided when necessary to show that the activity complies with the terms of the NWP. (Sketches usually clarify the activity 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);

(5) The PCN must include a delineation of wetlands, other special aquatic sites, and other waters, such as lakes and ponds, and perennial and intermittent 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 wetlands, other special aquatic sites, and other waters. Furthermore, the 45-day period will not start until the delineation has been submitted to or completed by the Corps, as appropriate;

(6) If the proposed activity will result in the loss of greater than 1/10-acre of wetlands or 3/100-acre of stream bed 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 environmental effects are no more than minimal and why compensatory mitigation should not be required. As an alternative, the prospective permittee may submit a conceptual or detailed mitigation plan.

(7) For non-federal permittees, if any listed species (or species proposed for listing) or designated critical habitat (or critical habitat proposed for such designation) might be affected or is in the vicinity of the activity, or if the activity is located in designated critical habitat (or critical habitat proposed for such designation), the PCN must include the name(s) of those endangered or threatened species (or species proposed for listing) that might be affected by the proposed activity or utilize the designated critical habitat (or critical habitat proposed for such designation) that might be affected by the proposed activity. For NWP activities that require pre-construction notification, Federal permittees must provide documentation demonstrating compliance with the Endangered Species Act;

(8) For non-federal permittees, if the NWP activity might have the potential to cause effects to a historic property listed on, determined to be eligible for listing on, or potentially eligible for listing on, the National Register of Historic Places, the PCN must state which historic property might have the potential to be affected by the proposed activity or include a vicinity map indicating the location of the historic property. For NWP activities that require pre-construction notification, Federal permittees must provide documentation demonstrating compliance with section 106 of the National Historic Preservation Act;

(9) For an activity that will 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, the PCN must identify the Wild and Scenic River or the "study river" (see general condition 16); and

(10) For an NWP activity that requires permission from, or review by, the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or use a U.S. Army Corps of Engineers federally authorized civil works project, the pre-construction notification must include a statement confirming that the project proponent has submitted a written request for section 408 permission from, or review by, the Corps office having jurisdiction over that USACE project.

(c) *Form of Pre-Construction Notification:* The nationwide permit pre-construction notification form (Form ENG 6082) should be used for NWP PCNs. A letter containing the required information may also be

used. Applicants may provide electronic files of PCNs and supporting materials if the district engineer has established tools and procedures for electronic submittals.

(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 and the need for mitigation to reduce the activity's adverse environmental effects so that they are no more than minimal.

(2) Agency coordination is required for: (i) 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; (ii) NWP 13 activities in excess of 500 linear feet, fills greater than one cubic yard per running foot, or involve discharges of dredged or fill material into special aquatic sites; and (iii) NWP 54 activities in excess of 500 linear feet, or that extend into the waterbody more than 30 feet from the mean low water line in tidal waters or the ordinary high water mark in the Great Lakes.

(3) When agency coordination is required, 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 (FWS, state natural resource or water quality agency, EPA, 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 notify the district engineer via telephone, facsimile transmission, or e-mail that they intend to provide substantive, site-specific comments. The comments must explain why the agency believes the adverse environmental 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 NWPs, including the need for mitigation to ensure that the net adverse environmental effects of the proposed activity are no more than 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.

(4) 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.

(5) Applicants are encouraged to provide the Corps with either electronic files or multiple copies of pre-construction notifications to expedite agency coordination.

C. SEATTLE DISTRICT REGIONAL GENERAL CONDITIONS: The following conditions apply to the 2021 NWPs - Final 41 NWPs for the Seattle District in Washington State, as applicable.

### **RGC 1, Project Drawings**

Drawings must be submitted with pre-construction notification (PCN). Drawings must provide a clear understanding of the proposed project, and how waters of the United States will be affected. Drawings must be originals and not reduced copies of large-scale plans. Engineering drawings are not required. Existing and proposed site conditions (manmade and landscape features) must be drawn to scale.

### **RGC 2, Aquatic Resources Requiring Special Protection**

A PCN is required for activities resulting in a loss of waters of the United States in wetlands in dunal systems along the Washington coast, mature forested wetlands, bogs and peatlands, aspen-dominated wetlands, alkali wetlands, vernal pools, camas prairie wetlands, estuarine wetlands, and wetlands in coastal lagoons.

### **RGC 3, New Bank Stabilization 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 areas identified on Figures 1a through 1e) cannot be authorized by NWP.

### **RGC 4, Commencement Bay**

No permanent losses of wetlands or mudflats within the Commencement Bay Study Area may be authorized by any NWP (see Figure 2).

### **RGC 5, Bank Stabilization**

All projects including new or maintenance bank stabilization activities in waters of the United States where salmonid species are present or could be present, requires PCN to the U.S. Army Corps of Engineers (Corps) (see NWP general condition 32).

For new bank stabilization projects only, the following must be submitted to the Corps:

- a. The cause of the erosion and the distance of any existing structures from the area(s) being stabilized.
- b. The type and length of existing bank stabilization within 300 feet of the proposed project.
- c. A description of current conditions and expected post-project conditions in the waterbody.
- d. A statement describing how the project incorporates elements avoiding and minimizing adverse environmental effects to the aquatic environment and nearshore riparian area, including vegetation impacts in the waterbody.

In addition to a. through d., the results from any relevant geotechnical investigations can be submitted with the PCN if it describes current or expected conditions in the waterbody.

### **RGC 6, Crossings of Waters of the United States**

Any project including installing, replacing, or modifying crossings of waters of the United States, such as culverts or bridges, requires submittal of a PCN to the U.S. Army Corps of Engineers (see NWP general condition 32).

If a culvert is proposed to cross waters of the U.S. where salmonid species are present or could be present, the project must apply the stream simulation design method from the Washington Department of Fish and Wildlife located in the *Water Crossing Design Guidelines* (2013), or a design method which provides passage at all life stages at all flows where the salmonid species would naturally seek passage. If the stream simulation design method is not applied for a culvert where salmonid species are present or could be present, the project proponent must provide a rationale in the PCN sufficient to establish one of the following:

- a. The existence of extraordinary site conditions.
- b. How the proposed design will provide equivalent or better fish passage and fisheries habitat benefits than the stream simulation design method.

Culverts installed under emergency authorization that do not meet the above design criteria will be required to meet the above design criteria to receive an after-the-fact nationwide permit verification.

### **RGC 7, Stream Loss**

A PCN is required for all activities that result in the loss of any linear feet of streams.

### **RGC 8, Construction Boundaries**

Permittees must clearly mark all construction area boundaries within waters of the United States before beginning work on projects that involve grading or placement of fill. Boundary markers and/or construction fencing must be maintained and clearly visible for the duration of construction. Permittees should avoid and minimize removal of native vegetation (including submerged aquatic vegetation) to the maximum extent possible.

### **RGC 9, ESA Reporting to NMFS**

For any nationwide permit that may affect threatened or endangered species;

Incidents where any individuals of fish species, marine mammals and/or sea turtles listed by National Oceanic and Atmospheric Administration Fisheries, National Marine Fisheries Service (NMFS) under the Endangered Species Act appear to be injured or killed as a result of discharges of dredged or fill material into waters of the U.S. or structures or work in navigable waters of the U.S. authorized by this Nationwide

Permit verification shall be reported to NMFS, Office of Protected Resources at (301) 713-1401 and the Regulatory Office of the Seattle District of the U.S. Army Corps of Engineers at (206) 764-3495. The finder should leave the animal alone, make note of any circumstances likely causing the death or injury, note the location and number of individuals involved and, if possible, take photographs. Adult animals should not be disturbed unless circumstances arise where they are obviously injured or killed by discharge exposure or some unnatural cause. The finder may be asked to carry out instructions provided by the NMFS to collect specimens or take other measures to ensure that evidence intrinsic to the specimen is preserved.

D. SEATTLE DISTRICT REGIONAL SPECIFIC CONDITIONS FOR THIS NWP: None

E. 401 WATER QUALITY CERTIFICATION: Depending on the geographic region of the work authorized by this verification, the appropriate 401 certifying authority has made the following determinations:

**Washington Department of Ecology (Ecology) (Projects in all areas except as described for the other certifying agencies listed below): General and Specific WQC Conditions**

**A. State General Conditions for all Nationwide Permits**

In addition to all of the U.S. Army Corps of Engineers' (Corps) national and Seattle District's regional permit conditions, the following state general Water Quality Certification (WQC) conditions **apply to all NWPs whether granted or granted with conditions** in Washington where Ecology is the certifying authority.

Due to the lack of site specific information on the discharge types, quantities, and specific locations, as well as the condition of receiving waters and the quantity of waters (including wetlands) that may be lost, Ecology may need to review the project if one of the following state general conditions is triggered.

This case-by-case review may be required, and additional information regarding the project and associated discharges may be needed, to verify that the proposed project would comply with state water quality requirements and if an individual WQC is required or if the project meets this programmatic WQC.

1. **In-water construction activities.** Ecology WQC review is required for projects or activities authorized under NWPs where the project proponent has indicated on the Joint Aquatic Resource Permit Application (JARPA) question 9e that the project or activity will not meet State water quality standards, or has provided information indicating that the project or activity will cause, or may be likely to cause or contribute to an exceedance of a State water quality standard (Chapter 173-201A WAC) or sediment management standard (Chapter 173-204 WAC).

Note: In-water activities include any activity within a jurisdictional wetland and/or waters.

2. **Projects or Activities Discharging to Impaired Waters.** Ecology WQC review is required for projects or activities that 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 to determine if the project meets this programmatic WQC or will require individual WQC.

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.

3. **Aquatic resources requiring special protection.** Certain aquatic resources are unique and difficult-to-replace components of the aquatic environment in Washington. Activities that would affect these resources must be avoided to the greatest extent practicable. Compensating for adverse impacts to high value aquatic resources is typically difficult, prohibitively expensive, and may not be possible in some landscape settings.

Ecology WQC review is required for projects or activities in areas identified below to determine if the project meets this programmatic WQC or will require individual WQC.

- a. Activities in or affecting the following aquatic resources:
  - i. Wetlands with special characteristics (as defined in the Washington State Wetland Rating Systems for western and eastern Washington, Ecology Publications #14-06-029 and #14-06-030):
    - Estuarine wetlands.
    - Wetlands of High Conservation Value.
    - Bogs.
    - Old-growth forested wetlands and mature forested wetlands.
    - Wetlands in coastal lagoons.
    - Wetlands in dunal systems along the Washington coast.
    - Vernal pools.
    - Alkali wetlands.
  - ii. Fens, aspen-dominated wetlands, camas prairie wetlands.
  - iii. Category I wetlands.
  - iv. Category II wetlands with a habitat score  $\geq$  8 points.
- b. Activities in or resulting in a loss of eelgrass (*Zostera marina*) beds.

This state general condition does not apply to the following NWP:

- NWP 20 – Response Operations for Oil and Hazardous Substances
- NWP 32 – Completed Enforcement Actions
- NWP 48 – Commercial Shellfish Mariculture Activities

4. **Loss of More than 300 Linear Feet of Streambed.** For any project that results in the loss of more than 300 linear feet of streambed Ecology WQC review is required to determine if the project meets this programmatic WQC or will require individual WQC.
5. **Temporary Fills.** For any project or activity with temporary fill in wetlands or other waters for more than six months Ecology WQC review is required to determine if the project meets this programmatic WQC or will require individual WQC.
6. **Mitigation.** Project proponents are required to show that they have followed the mitigation sequence and have first avoided and minimized impacts to aquatic resources wherever practicable. For projects requiring Ecology WQC review or an individual WQC with unavoidable impacts to aquatic resources, a mitigation plan must be provided.
  - a. Wetland mitigation plans submitted for Ecology review and approval shall be based on the most current guidance provided in Wetland Mitigation in Washington State, Parts 1 and 2 (available on Ecology's website) 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 toward 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) and Selecting Wetland Mitigation Sites Using a Watershed Approach (Ecology Publications #09-06-032 (Western Washington) and #10-06-007 (Eastern Washington)) for guidance on selecting suitable mitigation sites and developing mitigation plans.

Ecology encourages the use of alternative mitigation approaches, including credit/debit methodology, advance mitigation, and other programmatic approaches such as mitigation banks and in-lieu fee programs. If you are interested in proposing use of an alternative mitigation approach, consult with the appropriate Ecology regional staff person. Information on alternative mitigation approaches is available on Ecology's website.

- b. Mitigation for other aquatic resource impacts will be determined on a case-by-case basis.

**7. Stormwater Pollution Prevention.** All projects involving land disturbance or impervious surfaces must implement stormwater pollution prevention or control measures to avoid discharge of pollutants in stormwater runoff to waters.

- a. For land disturbances during construction, the applicant must obtain and implement permits (e.g., Construction Stormwater General Permit) where required and follow Ecology's current stormwater manual.
- b. Following construction, prevention or treatment of on-going stormwater runoff from impervious surfaces shall be provided.

Ecology's Stormwater Management and Design Manuals and stormwater permit information are available on Ecology's website.

**8. Application.** For projects or activities that will require Ecology WQC review, or an individual WQC, project proponents must provide Ecology with a JARPA or the equivalent information, along with the documentation provided to the Corps, as described in national general condition 32, Pre-Construction Notification (PCN), including, where applicable:

- a. A description of the project, including site plans, project purpose, direct and indirect adverse environmental effects the project discharge(s) would cause, best management practices (BMPs), and proposed means to monitor the discharge(s).
- b. List of all federal, state or local agency authorizations required to be used for any part

of the proposed project or any related activity.

- c. Drawings indicating the OHWM, delineation of special aquatic sites, and other waters of the state. 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.

Guidance for determining the OHWM is available on Ecology's website.

- d. A statement describing how the mitigation requirement will be satisfied. A conceptual or detailed mitigation or restoration plan may be submitted. See state general condition 5.
- e. Other applicable requirements of Corps NWP general condition 32, Corps regional conditions, or notification conditions of the applicable NWP.

Ecology **grants with conditions Water Quality Certification (WQC)** for this NWP provided that Ecology individual WQC review is not required per the state general conditions (see above) ) and the following conditions:

1. The project or activity involves the complete replacement of a shoreline stabilization using hard armoring.
2. The project or activity increases the original footprint of the structure by more than 1/10<sup>th</sup> acre in wetlands; or
3. The project or activity includes adding a new structure, such as a weir, flap gate/tide gate, or culvert to the site.

**Environmental Protection Agency (EPA) (on Tribal Lands where Tribes Do Not Have Treatment in a Similar Manner as a State and Lands with Exclusive Federal Jurisdiction in Washington):**

**Federally recognized tribes located within the state of Washington**

EPA Region 10 cannot certify that the range of discharges from potential projects authorized under this NWP will comply with water quality requirements, as defined in 40 CFR 121.1(n). Therefore, CWA Section 401 water quality certification is denied for this NWP and applicants must request an individual water quality certification, consistent with 40 CFR 121.5.

**Lands of Exclusive Federal Jurisdiction**

EPA Region 10 cannot certify that the range of discharges from potential projects authorized under this NWP will comply with water quality requirements, as defined in 40 CFR 121.1(n). Therefore, CWA Section 401 water quality certification is denied for this NWP and applicants must request an individual water quality certification, consistent with 40 CFR 121.5.

**Specific Tribes with Certifying Authority (Projects in Specific Tribal Areas):**

WQC was issued by the Swinomish Indian Tribal Community. WQC was waived by the Confederated Tribes of the Chehalis Reservation and Colville Indian Reservation, Kalispel Tribe of Indians, Port Gamble S'Klallam Tribe, Quinault Indian Nation, and the Spokane Tribe of Indians. WQC was denied by the Lummi Nation, Makah Tribe, Puyallup Tribe of Indians, and the Tulalip Tribes; therefore, individual WQC is required from these tribes.

**F. COASTAL ZONE MANAGEMENT ACT (CZMA) CONSISTENCY RESPONSE FOR THIS NWP:**

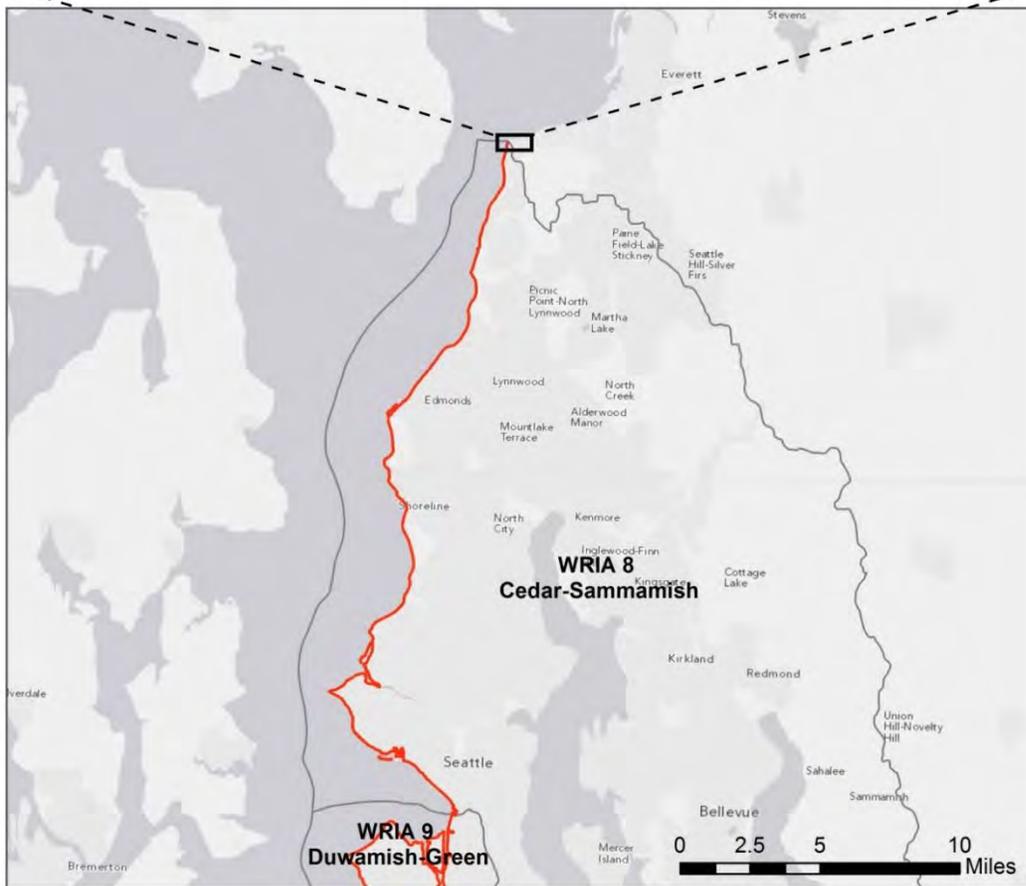
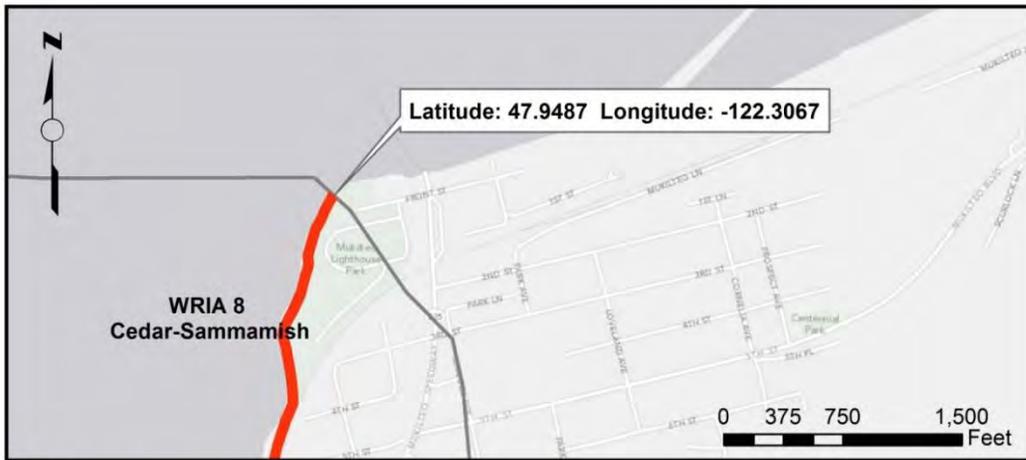
Ecology's determination is that they concur with conditions that this NWP is consistent with CZMA.

1. A CZM Federal Consistency Decision is required for projects or activities under this NWP if a State 401 Water Quality Certification is required.

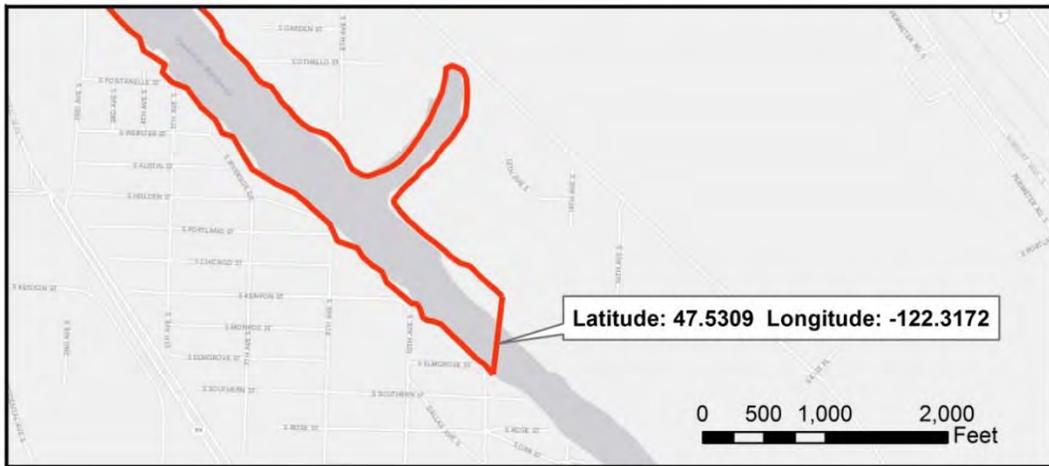
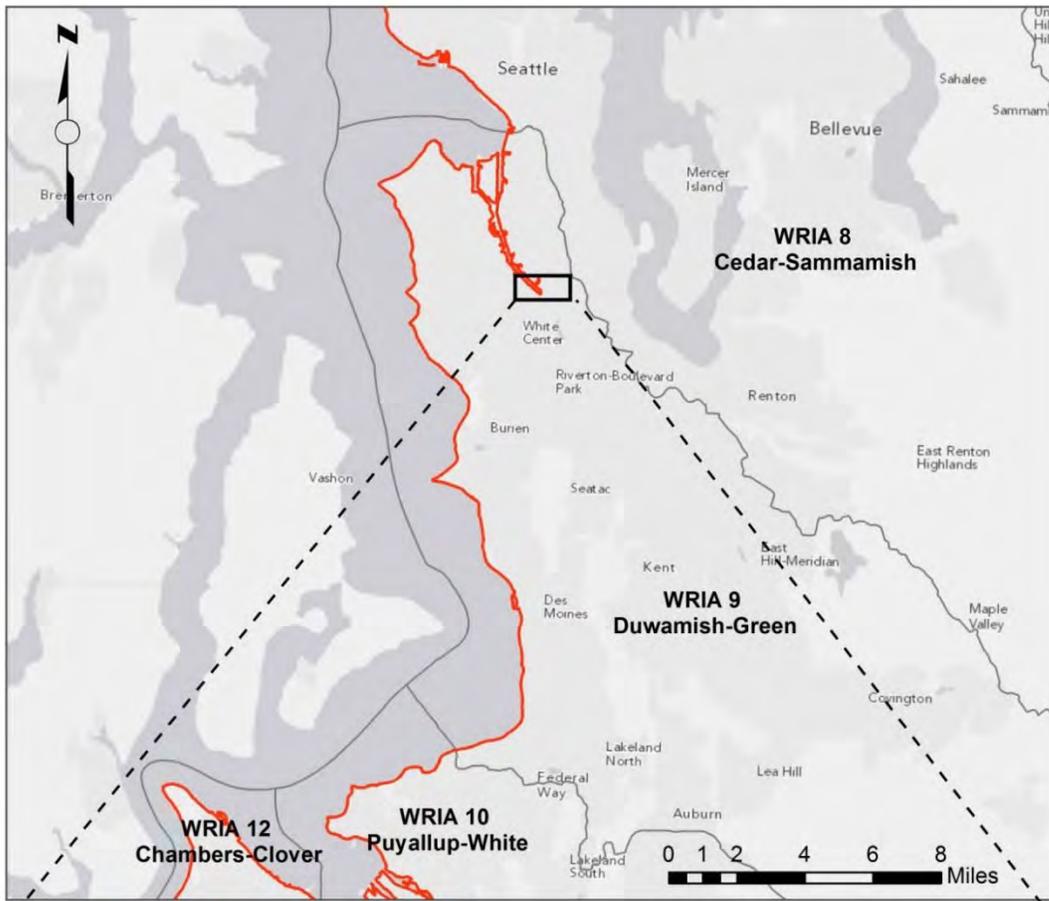
Seattle District Regional General Conditions - Figures

Figure 1: RGC 3 - WRIAs 8, 9, 10, 11, and 12

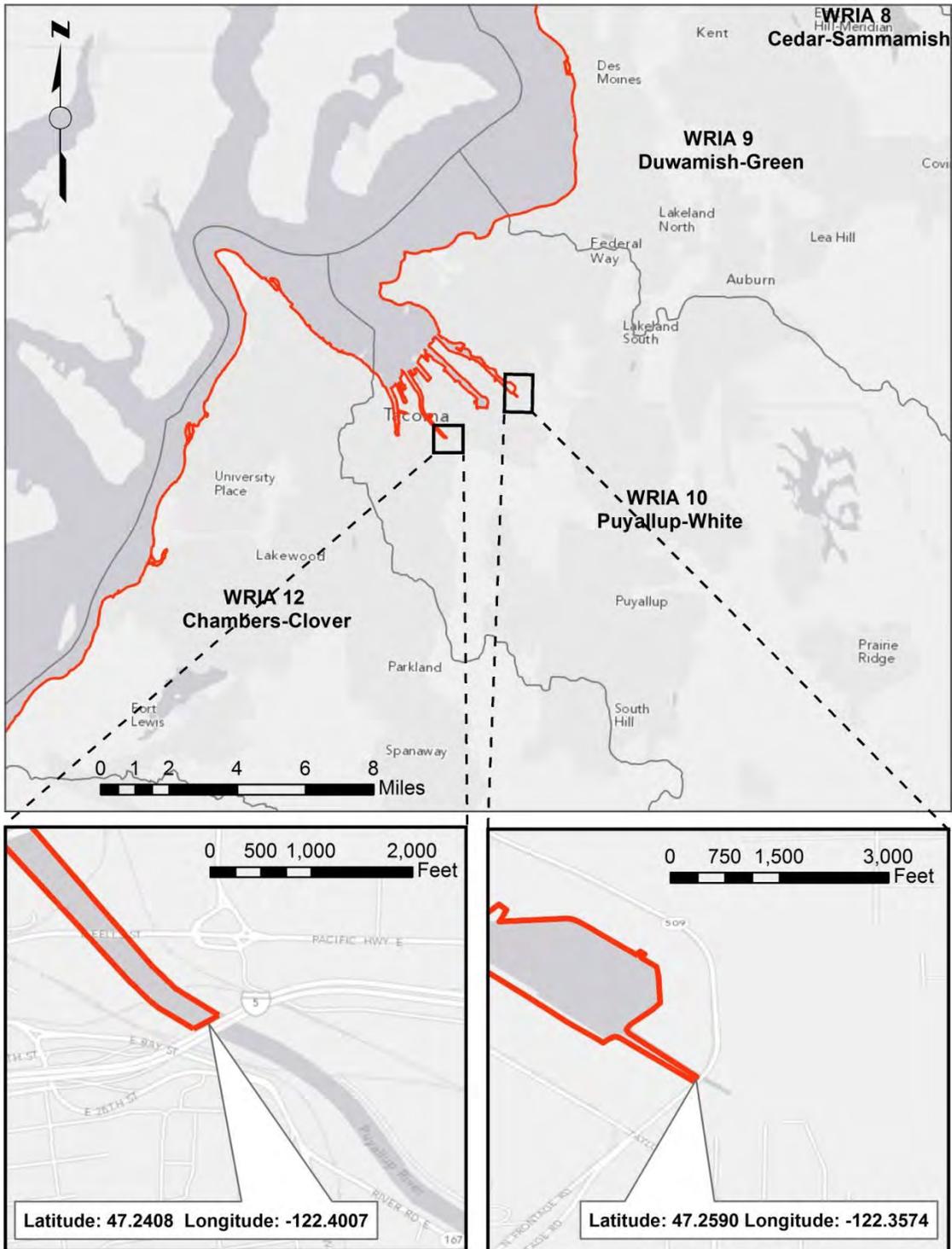
a. WRIA 8



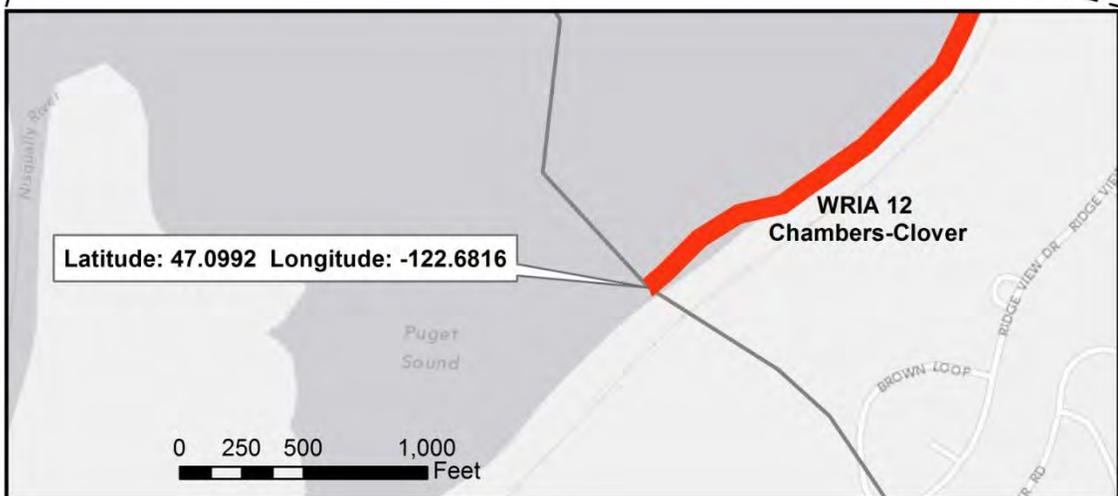
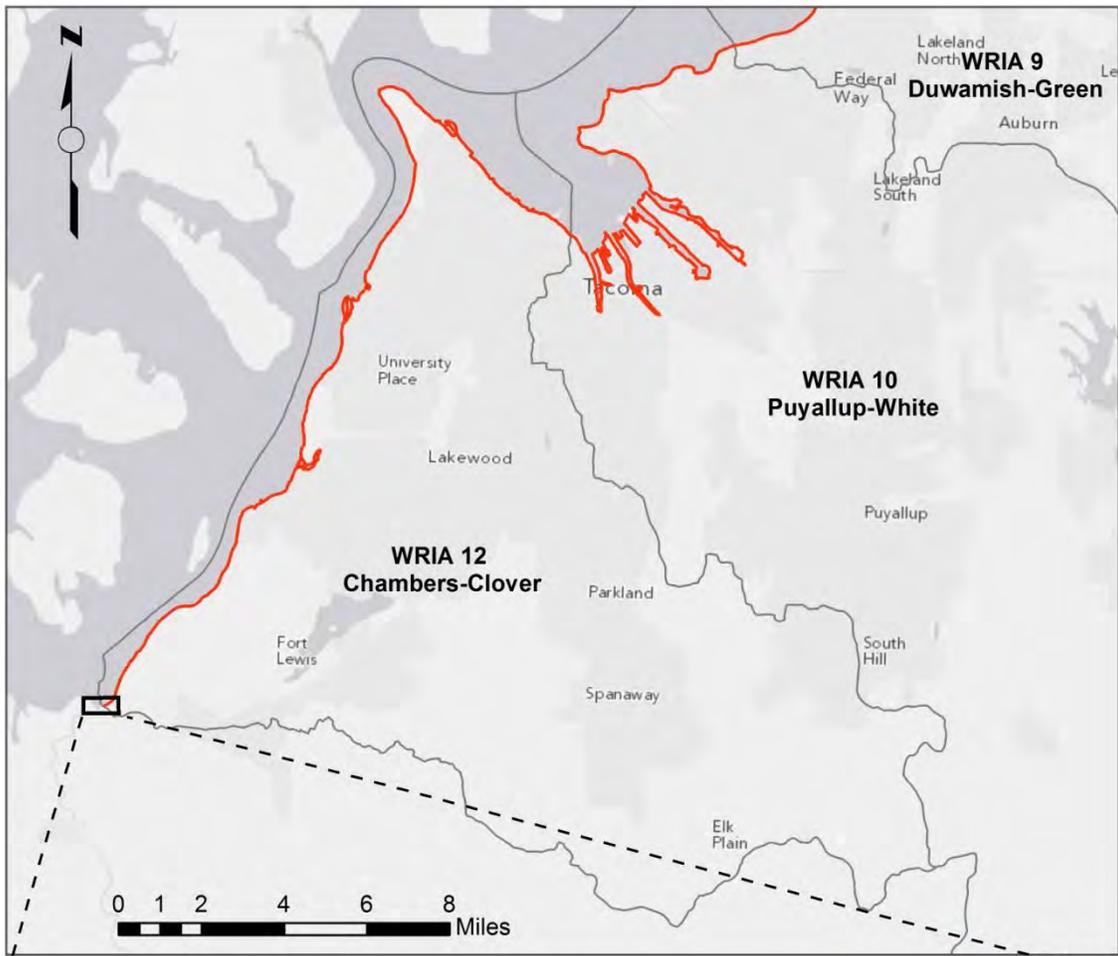
b. WRIA 9



c. WRIA 10



d. WRIA 12



e. WRIA 11

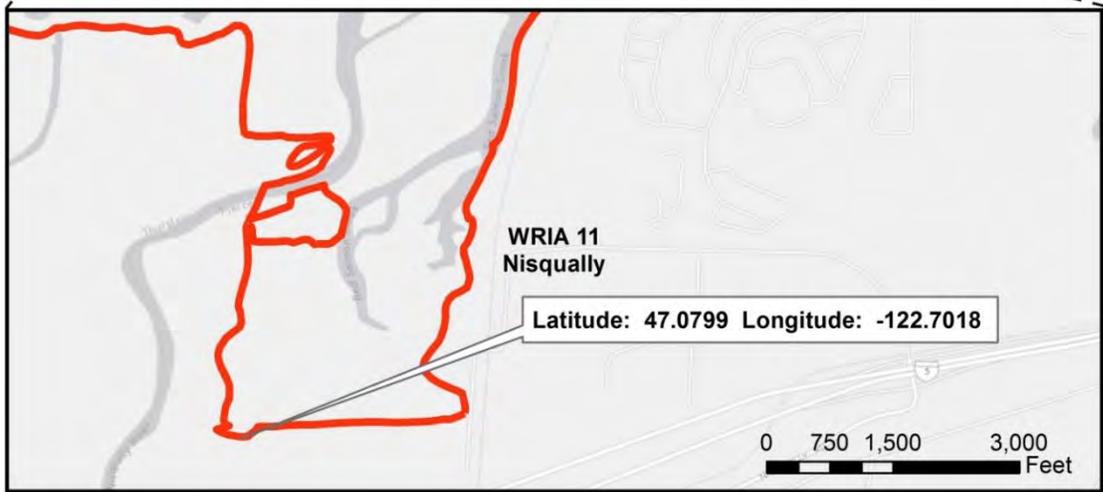
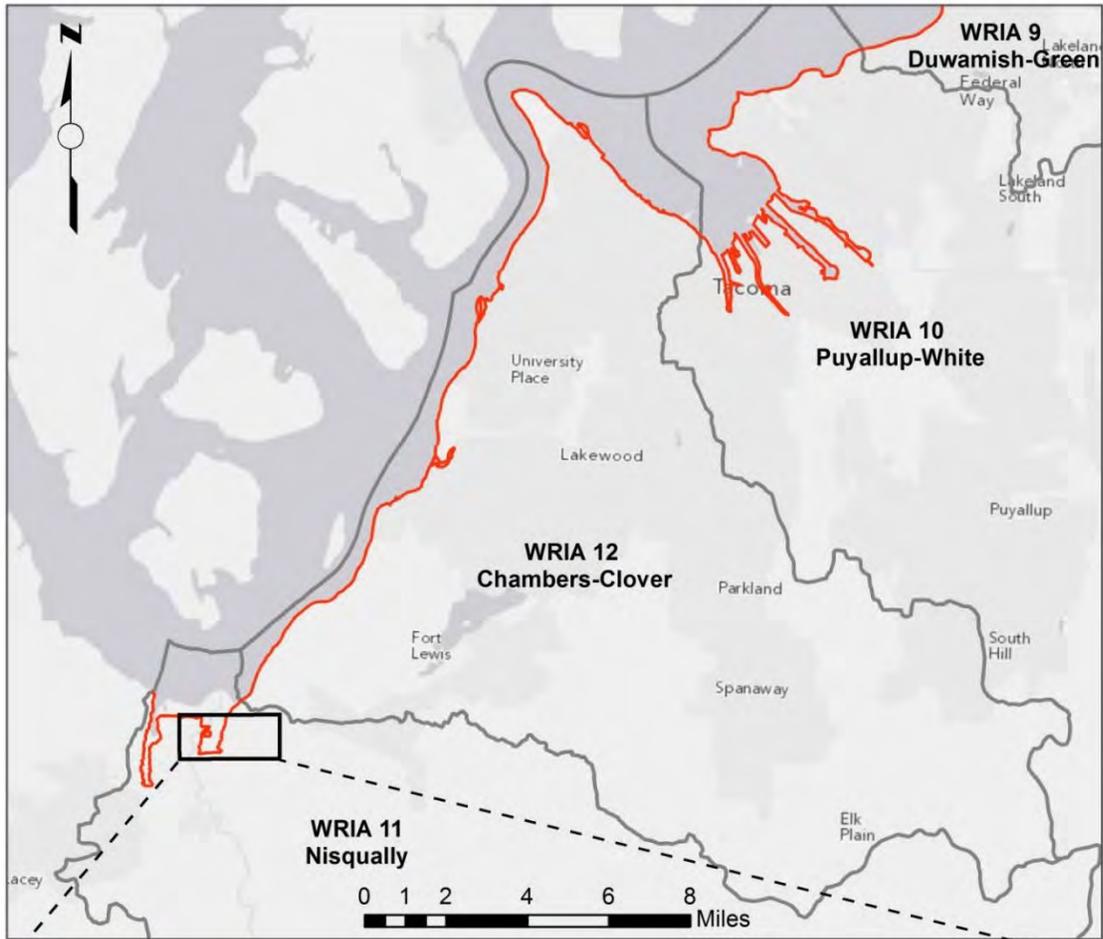
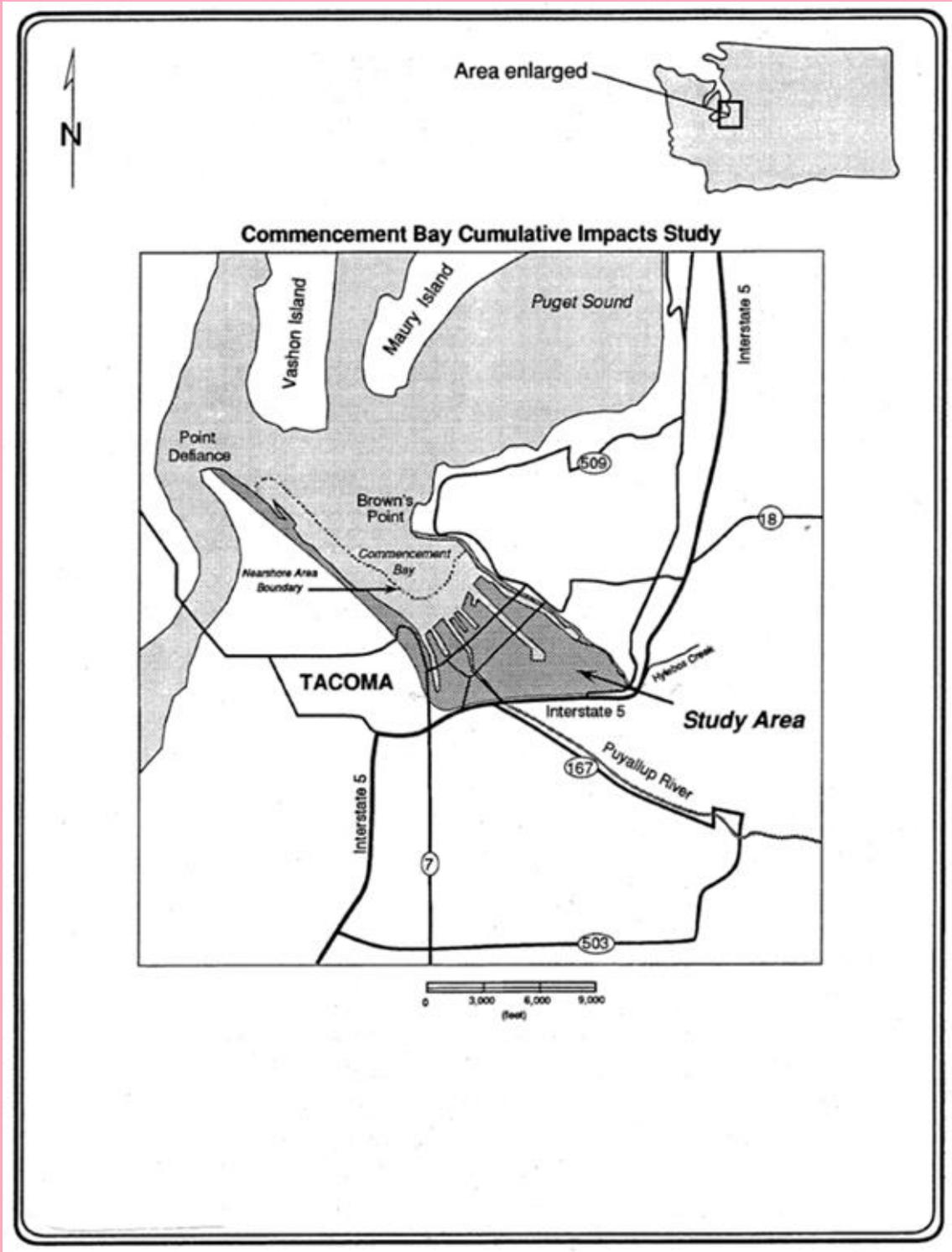


Figure 2. RGC 4 - Commencement Bay Study Area





# **TEMPORARY EROSION SEDIMENT CONTROL PLAN NARRATIVE**

Almota Road  
County Road Project No. 8000-10

Federal Aid No.: STPR-I382(006)

Whitman County Public Works

Permit: WAR312119

February 8, 2023

TESC Plan Design  
County Engineer:  
Dean Cornelison, P.E.

## PROJECT INFORMATION

Project Name: *Almota Road*

Location: *County Road No. 8000 from milepost 5.82 to milepost 7.96*

Transfer of Coverage: *Yes* Permittee: *Whitman County*

Total disturbed acreage identified in the NOI: *8.29*

Existing contamination identified in the NOI: *No*

Permitted construction outfalls identified in the NOI:

Receiving Surface Waterbody Name	Latitude Longitude Coordinates
<i>Tributary to Union Flat Creek</i>	<i>46.814697, -117.435197</i>
<i>Tributary to Union Flat Creek</i>	<i>46.813486, -117.440240</i>
<i>Union Flat Creek</i>	<i>46.809873, -117.432494</i>
<i>Ground</i>	<i>46.811606, -117.437472</i>

Waterbody impairments or approved TMDLs applicable to construction outfalls: *No*

## CERTIFIED EROSION AND SEDIMENT CONTROL LEAD (CESCL)

Name: \_\_\_\_\_ CESCL ID#: \_\_\_\_\_ Expiration Date: \_\_\_\_\_  
Contact Number: \_\_\_\_\_

Name: \_\_\_\_\_ CESCL ID#: \_\_\_\_\_ Expiration Date: \_\_\_\_\_  
Contact Number: \_\_\_\_\_

Name: \_\_\_\_\_ CESCL ID#: \_\_\_\_\_ Expiration Date: \_\_\_\_\_  
Contact Number: \_\_\_\_\_

## CONSTRUCTION SCHEDULE

*The project is planned to begin in the late Spring of 2023 and is expected to be active until the end of October 2023. The project will be active during the dry season. All BMP's for erosion and sediment control will be installed prior to earth disturbing activities.*

## **EXISTING SITE CONDITIONS**

### **Soils**

*Possible soils on the project include but are not limited to Silt Loam, Silty Clay and Clay. Silty soils tend to be highly erosive while clayey and loamy soils tend to have moderate erodibility.*

### **Climate**

*There is a high risk of soil transport if a rain or high water event occurs during the construction on the unprotected slopes, but there is low risk of a rain/high water event as construction is during the dry season.*

### **Topography**

*Cut and fill slopes will be constructed. Seeding on disturbed slopes will be performed when they are completed to stabilize soils on the project.*

### **Vegetation**

*There is low risk of a rain/high water event as construction is during the dry season and seeding on disturbed slopes will be performed when they are completed to stabilize soils on the project.*

### **Drainage**

*The area surrounding the construction project is vegetated. Construction will take place during the dry season and runoff will be minimized.*

### **Groundwater**

*High groundwater levels are not expected during the work. Infiltration will be relied on as a BMP for Stormwater.*

### **Sensitive Areas**

*N/A*

### **Existing Encumbrances**

*Existing utilities will be relocated prior to construction. There is a contingency plan for managing potential water line breaks.*

### **High Risk Activities and Potential Problem Areas**

*N/A*

### **Contingency Planning**

*N/A*

### **Engineering Calculations**

*Stormwater will be managed based on infiltration and field dispersion.*

## 13 PLANNING ELEMENTS

### **Element 1: Preserve Vegetation/Mark Clearing Limits (Permit Condition S9.D.1)**

Risk Analysis: *Low Risk - Drainage Banks are covered by TESC Elements 4 and 6. Existing Wetlands to Not be Disturbed are marked on the Plans.*

BMPs Identified: *Silt Fence and High Visibility Fence*

GSP's: *WSDOT GSP 2-01.1.OPT1.FR2 - Clearing and Grubbing Limits*

### **Element 2: Establish Construction Access (Permit Condition S9.D.2)**

Risk Analysis: *Moderate Risk - Access is via existing paved and gravel roads that are contiguous to the project location.*

BMPs Identified: *Access points on and off the construction site shall be maintained clean of construction debris. ESC Lead is required.*

### **Element 3: Control Flow Rates (Permit Condition S9.D.3)**

Risk Analysis: *N/A*

BMPs Identified: *N/A*

### **Element 4: Install Sediment Controls (Permit Condition S9.D.4)**

Risk Analysis: *High Risk of soil transport if a rain or high water event occurs during the construction on the unprotected slopes, but there is Low Risk of a rain/high water event as construction is during the dry season, and seeding on disturbed slopes will be performed when they are completed to stabilize soils on the project.*

BMPs Identified: *Silt Fence*

### **Element 5: Stabilize Soils (Permit Condition S9.D.5)**

Risk Analysis: *Low Risk - Sloped areas will be stabilized by seeding. Select areas of embankment on the travelled way will be covered with crushed gravel within the same day's operation, thus minimizing dust generation.*

BMPs Identified: *Seeding, Mulch and Dust Control*

### **Element 6: Protect Slopes (Permit Condition S9D.6)**

Risk Analysis: *Cut and fill slopes will be constructed. High Risk of soil transport if a rain or high water event occurs during the construction on the unprotected slopes, but there is Low Risk of a rain/high water event as construction is during the dry season, and seeding on disturbed slopes will be performed when they are completed to stabilize soils on the project.*

BMPs Identified: *Seeding and Mulch*

**Element 7: Protect Drain Inlets (Permit Condition S9.D.7)**

Risk Analysis: *N/A*

BMPs Identified: *N/A*

**Element 8: Stabilize Channels and Outlets (Permit Condition S9.D.8)**

Risk Analysis: *N/A*

BMPs Identified: *N/A*

**Element 9: Control Pollutants (Permit Condition S9.D.9)**

Risk Analysis: *Very Low Risk - There is no known site contamination and both the required HPA and SPCC address pollutant control.*

BMPs Identified: *Hydraulic Project Approval (HPA) Permit and Spill Prevention Control and Countermeasures (SPCC) Plan*

GSP's: *WSDOT GSP 1-07.5.OPTI(C).FR2 - Staging Area Restrictions*

**Element 10: Control Dewatering (Permit Condition S9.D.10)**

Risk Analysis: *N/A*

BMPs Identified: *N/A*

**Element 11: Maintain BMPs (Permit Condition S9.D.11)**

Risk Analysis: *Very Low Risk - Construction is during the dry season and an ESC Lead is required.*

BMPs Identified: *ESC Lead and Site Inspections by a CESCL*

**Element 12: Manage the Project (Permit Condition S9.D.12)**

Risk Analysis: *Very Low Risk - There are no unique environmental circumstances or environmental commitments. Construction is during the dry season and an ESC Lead is required.*

BMPs Identified: *ESC Lead and Site Inspections by a CESCL*

**Element 13: Protect Low Impact Development (LID) Facilities (Permit Condition S9.D.13)**

Risk Analysis: *N/A*

BMPs Identified: *N/A*



**REQUIRED CONTRACT PROVISIONS  
FEDERAL-AID CONSTRUCTION CONTRACTS**

- I. General
- II. Nondiscrimination
- III. Non-segregated 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. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion
- XI. Certification Regarding Use of Contract Funds for Lobbying
- XII. Use of United States-Flag Vessels:

**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, United States Code, as required in 23 CFR 633.102(b) (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). 23 CFR 633.102(e).

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. 23 CFR 633.102(e).

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) in accordance with 23 CFR 633.102. 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 solicitation-for-bids or request-for-proposals 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). 23 CFR 633.102(b).

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. 23 CFR 633.102(d).

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. 23 U.S.C. 114(b). The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors. 23 U.S.C. 101(a).

**II. NONDISCRIMINATION** (23 CFR 230.107(a); 23 CFR Part 230, Subpart A, Appendix A; EO 11246)

The provisions of this section related to 23 CFR Part 230, Subpart A, Appendix A 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 Part 60, 29 CFR Parts 1625-1627, 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), 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 Part 60, and 29 CFR Parts 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), and Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), 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 Part 230, Subpart A, 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 (see 28 CFR Part 35, 29 CFR Part 1630, 29 CFR Parts 1625-1627, 41 CFR Part 60 and 49 CFR Part 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 Part 35 and 29 CFR Part 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. 23 CFR 230.409 (g)(4) & (5).

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, sexual orientation, gender identity, 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 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 or other knowledgeable company official.

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, sexual orientation, gender identity, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to ensure 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. 23 CFR 230.409. 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, sexual orientation, gender identity, 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, sexual orientation, gender identity, 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 thereunder. 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, sexual orientation, gender identity, 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, 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. Assurances Required:**

a. The requirements of 49 CFR Part 26 and the State DOT's FHWA-approved Disadvantaged Business Enterprise (DBE) program are incorporated by reference.

b. The contractor, subrecipient 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 recipient deems appropriate, which may include, but is not limited to:

- (1) Withholding monthly progress payments;
- (2) Assessing sanctions;
- (3) Liquidated damages; and/or
- (4) Disqualifying the contractor from future bidding as non-responsible.

c. The Title VI and nondiscrimination provisions of U.S. DOT Order 1050.2A at Appendixes A and E are incorporated by reference. 49 CFR Part 21.

**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 more than \$10,000. 41 CFR 60-1.5.

As prescribed by 41 CFR 60-1.8, 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, sexual orientation, gender identity, 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), in accordance with 29 CFR 5.5. The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. 23 U.S.C. 113. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. 23 U.S.C. 101. Where applicable law requires that projects be treated as a project on a Federal-aid highway, the provisions of this subpart will apply regardless of the location of the project. Examples include: Surface Transportation Block Grant Program projects funded under 23 U.S.C. 133 [excluding recreational trails projects], the Nationally Significant Freight and Highway

Projects funded under 23 U.S.C. 117, and National Highway Freight Program projects funded under 23 U.S.C. 167.

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 (29 CFR 5.5)

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, 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 Administrator for determination. The 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 (29 CFR 5.5)**

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 (29 CFR 5.5)**

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. 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 29 CFR 5.5(a)(3)(ii), the appropriate information is being maintained under 29 CFR 5.5(a)(3)(i), 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 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 18 U.S.C. 1001 and 31 U.S.C. 231.

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 (29 CFR 5.5)

##### 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. 23 CFR 230.111(e)(2). 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 as provided in 29 CFR 5.5.

**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 as provided in 29 CFR 5.5.

**9. Disputes concerning labor standards.** As provided in 29 CFR 5.5, 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 (29 CFR 5.5)**

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**

Pursuant to 29 CFR 5.5(b), 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. 29 CFR 5.5.

**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 currently provided in 29 CFR 5.5(b)(2)\* 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. 29 CFR 5.5.

\* \$27 as of January 23, 2019 (See 84 FR 213-01, 218) as may be adjusted annually by the Department of Labor; pursuant to the Federal Civil Penalties Inflation Adjustment Act of 1990).

### **3. Withholding for unpaid wages and liquidated damages.**

The FHWA or 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 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. 29 CFR 5.5.

**4. Subcontracts.** The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraphs 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. 29 CFR 5.5.

## **VI. SUBLETTING OR ASSIGNING THE CONTRACT**

This provision is applicable to all Federal-aid construction contracts on the National Highway System pursuant to 23 CFR 635.116.

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" in paragraph 1 of Section VI 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: (based on longstanding interpretation)

- (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. 23 CFR 635.102.

2. Pursuant to 23 CFR 635.116(a), 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. Pursuant to 23 CFR 635.116(c), 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. (based on longstanding interpretation of 23 CFR 635.116).

5. The 30-percent self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements. 23 CFR 635.116(d).

## **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 Part 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. 23 CFR 635.108.

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 Part 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). 29 CFR 1926.10.

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 Part 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 11, 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 (42 U.S.C. 7606; 2 CFR 200.88; EO 11738)**

This provision is applicable to all Federal-aid construction contracts in excess of \$150,000 and to all related subcontracts. 48 CFR 2.101; 2 CFR 200.326.

By submission of this bid/proposal or the execution of this contract or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, subcontractor, supplier, or vendor agrees to comply with all applicable standards, orders

or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal Highway Administration and the Regional Office of the Environmental Protection Agency. 2 CFR Part 200, Appendix II.

The contractor agrees to include or cause to be included the requirements of this Section in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements. 2 CFR 200.326.

### **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. 2 CFR 180.220 and 1200.220.

#### **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. 2 CFR 180.320.

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. 2 CFR 180.325.

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. 2 CFR 180.345 and 180.350.

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, Subpart I, 180.900-180.1020, and 1200. "First Tier Covered Transactions" refers to any covered transaction between a recipient or subrecipient 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 recipient or subrecipient 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. 2 CFR 180.330.

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. 2 CFR 180.220 and 180.300.

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. 2 CFR 180.300; 180.320, and 180.325. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. 2 CFR 180.335. 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 System for Award Management website (<https://www.sam.gov/>). 2 CFR 180.300, 180.320, and 180.325.

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 CFR 180.325.

\* \* \* \* \*

## **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 CFR 180.335;.

(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, 2 CFR 180.800;

(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, 2 CFR 180.700 and 180.800; 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. 2 CFR 180.335(d).

(5) Are not a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(6) Are not a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability (USDOT Order 4200.6 implementing appropriations act requirements).

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant should attach an explanation to this proposal. 2 CFR 180.335 and 180.340.

## **3. 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). 2 CFR 180.220 and 1200.220.

a. By signing and submitting this proposal, the prospective lower tier participant 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. 2 CFR 180.365.

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, Subpart I, 180.900 – 180.1020, 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 recipient or subrecipient of Federal funds and a participant (such as the prime or general contractor). "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 recipient or subrecipient 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. 2 CFR 1200.220 and 1200.332.

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. 2 CFR 180.220 and 1200.220.

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 System for Award Management website (<https://www.sam.gov/>), which is compiled by the General Services Administration. 2 CFR 180.300, 180.320, 180.330, and 180.335.

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. 2 CFR 180.325.

\*\*\*\*\*

**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:

(a) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency, 2 CFR 180.355;

(b) is a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(c) is a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability. (USDOT Order 4200.6 implementing appropriations act requirements)

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant should 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 Part 20, App. A.

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.

## **XII. USE OF UNITED STATES-FLAG VESSELS:**

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, or any other covered transaction. 46 CFR Part 381.

This requirement applies to material or equipment that is acquired for a specific Federal-aid highway project. 46 CFR 381.7. It is not applicable to goods or materials that come into inventories independent of an FHWA funded-contract.

When oceanic shipments (or shipments across the Great Lakes) are necessary for materials or equipment acquired for a specific Federal-aid construction project, the bidder, proposer, contractor, subcontractor, or vendor agrees:

1. To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels. 46 CFR 381.7.
2. To furnish within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, 'on-board' commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (b)(1) of this section to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Office of Cargo and Commercial Sealift (MAR-620), Maritime Administration, Washington, DC 20590. (MARAD requires copies of the ocean carrier's (master) bills of lading, certified onboard, dated, with rates and charges. These bills of lading may contain business sensitive information and therefore may be submitted directly to MARAD by the Ocean Transportation Intermediary on behalf of the contractor). 46 CFR 381.7.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS  
PREFERENCE FOR APPALACHIAN DEVELOPMENT  
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS  
ROAD CONTRACTS (23 CFR 633, Subpart B, Appendix B)**

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.



## APPENDIX A

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

1. **Compliance with Regulations:** The contractor (hereinafter includes consultants) will comply with the Acts and the Regulations relative to Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation, Washington State Department of Transportation, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.
2. **Non-discrimination:** The contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.
3. **Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations, either by competitive bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor's obligations under this contract and the Acts and the Regulations relative to Non-discrimination on the grounds of race, color, or national origin.
4. **Information and Reports:** The contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient or the Washington State Department of Transportation to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the contractor will so certify to the Recipient or the Washington State Department of Transportation, as appropriate, and will set forth what efforts it has made to obtain the information.
5. **Sanctions for Noncompliance:** In the event of a contractor's noncompliance with the Non-discrimination provisions of this contract, the Recipient will impose such contract sanctions as it or the Washington State Department of Transportation may determine to be appropriate, including, but not limited to:
  - a. withholding payments to the contractor under the contract until the contractor complies; and/or
  - b. cancelling, terminating, or suspending a contract, in whole or in part.
6. **Incorporation of Provisions:** The contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment,

unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor will take action with respect to any subcontract or procurement as the Recipient or the Washington State Department of Transportation may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the contractor may request the Recipient to enter into any litigation to protect the interests of the Recipient. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.

## APPENDIX E

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

### **Pertinent Non-Discrimination Authorities:**

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;
- The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures Non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of Limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).



# APPENDIX C



"General Decision Number: WA20230001 02/03/2023
Superseded General Decision Number: WA20220001
State: Washington
Construction Type: Highway
Counties: Washington Statewide.
HIGHWAY (Excludes D.O.E. Hanford Site in Benton and Franklin
Counties)

Note: Contracts subject to the Davis-Bacon Act are generally
required to pay at least the applicable minimum wage rate
required under Executive Order 14026 or Executive Order 13658.
Please note that these Executive Orders apply to covered
contracts entered into by the federal government that are
subject to the Davis-Bacon Act itself, but do not apply to
contracts subject only to the Davis-Bacon Related Acts,
including those set forth at 29 CFR 5.1(a)(2)-(60).

Table with 2 columns: Contract condition and applicable Executive Order details. Includes sections for Executive Order 14026 and Executive Order 13658.

The applicable Executive Order minimum wage rate will be
adjusted annually. If this contract is covered by one of the
Executive Orders and a classification considered necessary for
performance of work on the contract does not appear on this
wage determination, the contractor must still submit a
conformance request.

Additional information on contractor requirements and worker
protections under the Executive Orders is available at
http://www.dol.gov/whd/govcontracts.

Modification Number: 0, 1
Publication Date: 01/06/2023, 02/03/2023

CARP0003-006 06/01/2021

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 WAHAKIAKUM
Counties.

Table with 3 columns: Classification, Rates, Fringes. Lists rates for Carpenters, Divers Tenders, Drywall, Millwrights, and 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

-----  
 CARP0030-004 06/01/2021

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
CARPENTER		
BRIDGE CARPENTERS.....	\$ 49.18	19.01
CARPENTERS ON CREOSOTE MATERIAL.....	\$ 47.02	19.01
CARPENTERS.....	\$ 49.18	19.01
DIVERS TENDER.....	\$ 54.54	19.01
DIVERS.....	\$ 103.43	19.01
MILLWRIGHT AND MACHINE ERECTORS.....	\$ 50.68	19.01
PILEDRIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CRESOTE TREATED MATERIAL, ALL PILING.....	\$ 49.58	19.01

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - ALL CLASSIFICATIONS EXCEPT MILLWRIGHTS AND PILEDRIVERS

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 PILEDRIVER 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

-----  
 CARP0059-002 06/01/2019

ADAMS, ASOTIN, BENTON, CHELAN (East of 120th meridian), COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT (East of 120th meridian), KITTITAS (East of 120th meridian), LINCOLN, OKANOGAN (East of 120th meridian), PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, and YAKIMA (East of 120th meridian) Counties

	Rates	Fringes
CARPENTER		
GROUP 1.....	\$ 35.47	16.88
GROUP 2.....	\$ 47.42	18.96
GROUP 3.....	\$ 36.66	16.88
GROUP 4.....	\$ 36.66	16.88
GROUP 5.....	\$ 83.96	16.88
GROUP 6.....	\$ 40.23	16.88
GROUP 7.....	\$ 41.23	16.88
GROUP 8.....	\$ 37.66	16.88
GROUP 9.....	\$ 44.23	16.88

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, Dock, and Wharf carpenters

GROUP 5: Diver Wet

GROUP 6: Diver Tender, Manifold Operator, ROV Operator

GROUP 7: Diver Standby

GROUP 8: Assistant Diver Tender, ROV Tender/Technician

GROUP 9: Manifold Operator-Mixed Gas

ZONE PAY:

ZONE 1	0-45 MILES	FREE
ZONE 2	45-100	\$4.00/PER HOUR
ZONE 3	OVER 100 MILES	\$6.00/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 (306 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.

-----  
CARP0770-003 06/01/2021

WEST OF 120TH MERIDIAN FOR THE FOLLOWING COUNTIES:  
CHELAN, DOUGLAS, GRANT, KITKITAS, OKANOGAN, and YAKIMA

	Rates	Fringes
CARPENTER		
CARPENTERS ON CREOSOTE		
MATERIAL.....	\$ 47.02	19.01
CARPENTERS.....	\$ 49.18	19.01
DIVERS TENDER.....	\$ 54.54	19.01
DIVERS.....	\$ 103.43	19.01
MILLWRIGHT AND MACHINE		
ERECTORS.....	\$ 50.68	19.01
PILEDRIIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CRESOTE TREATED		
MATERIAL, ALL PILING.....	\$ 49.58	19.01

(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 PILEDRIVER 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

-----  
ELEC0046-001 08/01/2022

CALLAM, JEFFERSON, KING AND KITSAP COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 72.29	27.07
ELECTRICIAN.....	\$ 65.72	26.87

-----  
**\* ELEC0048-003 01/01/2023**

CLARK, KLICKITAT AND SKAMANIA COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 44.22	21.50
<b>ELECTRICIAN.....</b>	<b>\$ 57.35</b>	<b>27.54</b>

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 01/01/2023**

COWLITZ AND WAHKIAKUM COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 44.22	21.50
<b>ELECTRICIAN.....</b>	<b>\$ 57.35</b>	<b>27.54</b>

-----  
ELEC0073-001 07/01/2022

ADAMS, FERRY, LINCOLN, PEND OREILLE, SPOKANE, STEVENS, WHITMAN COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 34.10	16.68
ELECTRICIAN.....	\$ 41.30	20.09

-----  
**\* ELEC0076-002 02/01/2023**

GRAYS HARBOR, LEWIS, MASON, PACIFIC, PIERCE, AND THURSTON COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 53.15	23.81
<b>ELECTRICIAN.....</b>	<b>\$ 55.14</b>	<b>24.86</b>

-----  
ELEC0112-005 06/01/2022

ASOTIN, BENTON, COLUMBIA, FRANKLIN, GARFIELD, KITTITAS, WALLA WALLA, YAKIMA COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 54.34	24.26
ELECTRICIAN.....	\$ 51.75	24.18

-----  
ELEC0191-003 06/01/2020

ISLAND, SAN JUAN, SNOHOMISH, SKAGIT AND WHATCOM COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 44.23	17.73
ELECTRICIAN.....	\$ 47.95	26.16

-----  
ELEC0191-004 06/01/2018

CHELAN, DOUGLAS, GRANT AND OKANOGAN COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 40.82	17.63
ELECTRICIAN.....	\$ 42.45	21.34

-----  
ENGI0302-003 06/01/2022

CHELAN (WEST OF THE 120TH MERIDIAN), CLALLAM, DOUGLAS (WEST OF THE 120TH MERIDIAN), GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, KITSTITAS, MASON, OKANOGAN (WEST OF THE 120TH MERIDIAN), SAN JUNA, SKAGIT, SNOHOMISH, WHATCOM AND YAKIMA (WEST OF THE 120TH MERIDIAN) COUNTIES

Zone 1 (0-25 radius miles):

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
Group 1A.....	\$ 54.20	24.47
Group 1AA.....	\$ 54.98	24.47
Group 1AAA.....	\$ 55.78	24.47
Group 1.....	\$ 53.40	24.47
Group 2.....	\$ 52.72	24.47
Group 3.....	\$ 52.12	24.47
Group 4.....	\$ 48.78	24.47

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

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-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

HANDLING OF HAZARDOUS WASTE MATERIALS:

Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be eligible 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 06/01/2021

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 OPERATOR		
GROUP 1.....	\$ 29.76	20.65
GROUP 2.....	\$ 30.08	20.65
GROUP 3.....	\$ 30.69	20.65
GROUP 4.....	\$ 30.85	20.65
GROUP 5.....	\$ 31.01	20.65
GROUP 6.....	\$ 31.21	20.65
GROUP 7.....	\$ 31.56	20.65
GROUP 8.....	\$ 32.66	20.65

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 Pugmiser (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 Tamper 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; Rollerman (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, 10 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.

-----  
ENGI0612-001 06/01/2020

PIERCE County

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.....	\$ 49.50	22.47
GROUP 1AA.....	\$ 50.22	22.47
GROUP 1AAA.....	\$ 50.94	22.47
GROUP 1.....	\$ 48.77	22.47
GROUP 2.....	\$ 48.15	22.47
GROUP 3.....	\$ 47.60	22.47
GROUP 4.....	\$ 44.55	22.47

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 (permanent and shaft  
 type); Forklifts-under 3000 lbs. with attachments;  
 Graderchecker, 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 eligible 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.

-----  
ENGI0612-012 06/01/2020

LEWIS, 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.....	\$ 48.41	22.47
GROUP 1AA.....	\$ 49.13	22.47
GROUP 1AAA.....	\$ 49.83	22.47
GROUP 1.....	\$ 47.70	22.47
GROUP 2.....	\$ 47.08	22.47
GROUP 3.....	\$ 46.55	22.47
GROUP 4.....	\$ 43.54	22.47

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 (permanent 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 eligible 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 01/01/2018

CLARK, COWLITZ, KLICKKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHKIAKUM COUNTIES

POWER EQUIPMENT OPERATORS: ZONE 1

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
GROUP 1.....	\$ 41.65	14.35
GROUP 1A.....	\$ 43.73	14.35
GROUP 1B.....	\$ 45.82	14.35
GROUP 2.....	\$ 39.74	14.35
GROUP 3.....	\$ 38.59	14.35
GROUP 4.....	\$ 37.51	14.35
GROUP 5.....	\$ 36.27	14.35
GROUP 6.....	\$ 33.05	14.35

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 three (3) units or more; Crane, Floating one hundred and fifty (150) ton but less than two hundred and fifty (250) ton; Crane, two hundred (200) ton through two hundred ninety nine (299) ton with two hundred foot (200') boom or less (including jib, inserts and/or attachments); Crane, ninety (90) ton through one hundred ninety nine (199) ton with over two hundred (200') boom Including jib, inserts and/or attachments); Crane, Tower Crane with one hundred seventy five foot (175') tower or less and with less than two hundred foot (200') jib; Crane, Whirley ninety (90) ton and over; Helicopter when used in erecting work

Group 1A  
Crane, floating two hundred fifty (250) ton and over; Crane, two hundred (200) ton through two hundred ninety nine (299) ton, with over two hundred foot (200') boom (including jib, inserts and/or attachments); Crane, three hundred (300) ton through three hundred ninety nine (399) ton; Crane, Tower Crane with over one hundred seventy five foot (175') tower or over two hundred foot (200') jib; Crane, tower Crane on rail system or 2nd tower or more in work radius

## Group 1B

Crane, three hundred (300) ton through three hundred ninety nine (399) ton, with over two hundred foot (200') boom (including jib, inserts and/or attachments); Floating crane, three hundred fifty (350) ton and over; Crane, four hundred (400) ton and over

## Group 2

Asphalt Plant (any type); Asphalt Roto-Mill, pavement profiler eight foot (8') lateral cut and over; Auto Grader or "Trimmer"; Blade, Robotic; Bulldozer, Robotic Equipment (any type); Bulldozer, over one hundred twenty thousand (120,000) lbs. and above; Concrete Batch Plant and/or Wet Mix one (1) and two (2) drum; Concrete Diamond Head Profiler; Canal Trimmer; Concrete, Automatic Slip Form Paver (Assistant to the Operator required); Crane, Boom Truck fifty (50) ton and with over one hundred fifty foot (150') boom and over; Crane, Floating (derrick barge) thirty (30) ton but less than one hundred fifty (150) ton; Crane, Cableway twenty-five (25) ton and over; Crane, Floating Clamshell three (3) cu. Yds. And over; Crane, ninety (90) ton through one hundred ninety nine (199) ton up to and including two hundred foot (200') of boom (including jib inserts and/or attachments); Crane, fifty (50) ton through eighty nine (89) ton with over one hundred fifty foot (150') boom (including jib inserts and/or attachments); Crane, Whirley under ninety (90) ton; Crusher Plant; Excavator over one hundred thirty thousand (130,000) lbs.; Loader one hundred twenty thousand (120,000) lbs. and above; Remote Controlled Earth Moving Equipment; Shovel, Dragline, Clamshell, five (5) cu. Yds. And over; Underwater Equipment remote or otherwise, when used in construction work; Wheel Excavator any size

## Group 3

Bulldozer, over seventy thousand (70,000) lbs. up to and including one hundred twenty thousand (120,000) lbs.; Crane, Boom Truck fifty (50) ton and over with less than one hundred fifty foot (150') boom; Crane, fifty (50) ton through eighty nine (89) ton with one hundred fifty foot (150') boom or less (including jib inserts and/or attachments); Crane, Shovel, Dragline or Clamshell three (3) cu. yds. but less than five (5) cu. Yds.; Excavator over eighty thousand (80,000) lbs. through one hundred thirty thousand (130,000) lbs.; Loader sixty thousand (60,000) lbs. and less than one hundred twenty thousand (120,000) lbs.

## Group 4

Asphalt, Screed; Asphalt Paver; Asphalt Roto-Mill, pavement profiler, under eight foot (8') lateral cut; Asphalt, Material Transfer Vehicle Operator; Back Filling Machine; Backhoe, Robotic, track and wheel type up to and including twenty thousand (20,000) lbs. with any attachments; Blade (any type); Boatman; Boring Machine; Bulldozer over twenty thousand (20,000) lbs. and more than one hundred (100) horse up to seventy thousand (70,000) lbs.; Cable-Plow (any type); Cableway up to twenty five (25) ton; Cat Drill (John Henry); Chippers; Compactor, multi-engine; Compactor, Robotic; Compactor with blade self-propelled; Concrete, Breaker; Concrete, Grout Plant; Concrete, Mixer Mobile; Concrete, Paving Road Mixer; Concrete, Reinforced Tank Banding Machine; Crane, Boom Truck twenty (20) ton and under fifty (50) ton; Crane, Bridge Locomotive, Gantry and Overhead; Crane, Carry Deck; Crane, Chicago Boom and similar types; Crane, Derrick Operator, under one hundred (100) ton; Crane, Floating Clamshell, Dragline, etc. Operator, under three (3) cu. yds. Or less than thirty (30) ton; Crane, under fifty (50) ton; Crane, Quick Tower under one hundred foot (100') in height and less than one hundred fifty foot (150') jib (on rail included); Diesel-Electric Engineer (Plant or Floating); Directional Drill over twenty thousand (20,000) lbs. pullback; Drill Cat Operator; Drill Doctor and/or Bit Grinder; Driller, Percussion, Diamond, Core, Cable, Rotary and similar type; Excavator Operator over twenty thousand (20,000) lbs. through eighty thousand (80,000) lbs.; Generator Operator; Grade-all; Guardrail Machines, i.e. punch, auger, etc.; Hammer Operator (Piledriver); Hoist, stiff leg, guy derrick or similar type, fifty (50) ton and over; Hoist, two (2) drums or more; Hydro Axe (loader mounted or similar type); Jack Operator, Elevating Barges, Barge Operator, self-unloading; Loader Operator, front end and overhead, twenty five thousand (25,000) lbs. and less than sixty thousand (60,000) lbs.; Log Skidders; Piledriver Operator (not crane type); Pipe, Bending, Cleaning, Doping and Wrapping Machines; Rail, Ballast Tamper Multi-Purpose; Rubber-tired Dozers and Pushers; Scraper, all types; Side-Boom; Skip Loader, Drag Box; Strump Grinder (loader mounted or similar type); Surface Heater and Planer; Tractor, rubber-tired, over fifty (50) HP Flywheel; Trenching Machine three foot (3') depth and deeper; Tub Grinder (used for wood debris); Tunnel Boring Machine Mechanic; Tunnel, Mucking Machine; Ultra High Pressure Water Jet Cutting Tool System Operator; Vacuum Blasting Machine Operator; Water pulls, Water wagons

Group 5

Asphalt, Extrusion Machine; Asphalt, Roller (any asphalt mix); Asphalt, Roto-Mill pavement profiler ground man; Bulldozer, twenty thousand (20,000) lbs. or less, or one hundred (100) horse or less; Cement Pump; Chip Spreading Machine; Churn Drill and Earth Boring Machine; Compactor, self-propelled without blade; Compressor, (any power) one thousand two hundred fifty (1,250) cu. ft. and over, total capacity; Concrete, Batch Plant Quality control; Concrete, Combination Mixer and compressor operator, gunite work; Concrete, Curb Machine, Mechanical Berm, Curb and/or Curb and Gutter; Concrete, Finishing Machine; Concrete, Grouting Machine; Concrete, Internal Full Slab Vibrator Operator; Concrete, Joint Machine; Concrete, Mixer single drum, any capacity; Concrete, Paving Machine eight foot (8') or less; Concrete, Planer; Concrete, Pump; Concrete, Pump Truck; Concrete, Pumpcrete Operator (any type); Concrete, Slip Form Pumps, power driven hydraulic lifting device for concrete forms; Conveyored Material Hauler; Crane, Boom Truck under twenty (20) tons; Crane, Boom Type lifting device, five (5) ton capacity or less; Drill, Directional type less than twenty thousand (20,000) lbs. pullback; Fork Lift, over ten (10) ton or Robotic; Helicopter Hoist; Hoist Operator, single drum; Hydraulic Backhoe track type up to and including twenty thousand (20,000) lbs.; Hydraulic Backhoe wheel type (any make); Laser Screed; Loaders, rubber-tired type, less than twenty five thousand (25,000) lbs.; Pavement Grinder and/or Grooving Machine (riding type); Pipe, cast in place Pipe Laying Machine; Pulva-Mixer or similar types; Pump Operator, more than five (5) pumps (any size); Rail, Ballast Compactor, Regulator, or Tamper machines; Service Oiler (Greaser); Sweeper Self-Propelled; Tractor, Rubber-Tired, fifty (50) HP flywheel and under; Trenching Machine Operator, maximum digging capacity three foot (3') depth; Tunnel, Locomotive, Dinkey; Tunnel, Power Jumbo setting slip forms, etc.

Group 6

Asphalt, Pugmill (any type); Asphalt, Raker; Asphalt, Truck Mounted Asphalt Spreader, with Screed; Auger Oiler; Boatman; Bobcat, skid steed (less than one (1) yard); Broom, self-propelled; Compressor Operator (any power) under 1,250 cu. ft. total capacity; Concrete Curing Machine (riding type); Concrete Saw; Conveyor Operator or Assistant; Crane, Tugger; Crusher Feeder; Crusher Oiler; Deckhand; Drill, Directional Locator; Fork Lift; Grade Checker; Guardrail Punch Oiler; Hydrographic Seeder Machine, straw, pulp or seed; Hydrostatic Pump Operator; Mixer Box (CTB, dry batch, etc.); Oiler; Plant Oiler; Pump (any power); Rail, Brakeman, Switchman, Motorman; Rail, Tamping Machine, mechanical, self-propelled; Rigger; Roller grading (not asphalt); Truck, Crane Oiler-Driver

IRON0014-005 07/04/2022

ADAMS, ASOTIN, BENTON, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND ORIELLE, SPOKANE, STEVENS, WALLA WALLA AND WHITMAN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 36.21	31.47

IRON0029-002 07/01/2020

CLARK, COWLITZ, KLICKITAT, PACIFIC, SKAMANIA, AND WAHKAIKUM COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 39.10	29.75

IRON0086-002 07/04/2022

YAKIMA, KITTTITAS AND CHELAN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 36.21	31.47

IRON0086-004 07/04/2022

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PIERCE, SKAGIT, SNOHOMISH, THURSTON, AND WHATCOM COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 49.90	31.82

LABO0238-004 06/01/2021

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.....	\$ 26.69	13.65
GROUP 2.....	\$ 28.79	13.65
GROUP 3.....	\$ 29.06	13.65
GROUP 4.....	\$ 29.33	13.65
GROUP 5.....	\$ 29.61	13.65
LABORER (SPOKANE)		
GROUP 1.....	\$ 27.34	15.35
GROUP 2.....	\$ 29.44	15.35
GROUP 3.....	\$ 29.71	15.35
GROUP 4.....	\$ 29.98	15.35
GROUP 5.....	\$ 30.26	15.35

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; Scaelman; 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; Stackler; 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 & dismantle, 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 Bucker 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 06/01/2021

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.....	\$ 30.00	13.50

LABO0242-003 06/01/2022

KING COUNTY

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 29.82	13.80
GROUP 2A.....	\$ 34.20	13.80
GROUP 3.....	\$ 42.86	13.80
GROUP 4.....	\$ 43.90	13.80
GROUP 5.....	\$ 44.62	13.80
Group 6.....	\$ 45.91	13.90

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 2A: 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; Nozzlemann (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; 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).

Group 6: Miner

LABO0252-010 06/01/2022

CLALLAM, GRAYS HARBOR, JEFFERSON, KITSAP, LEWIS, MASON, PACIFIC (EXCLUDING SOUTHWEST), PIERCE, AND THURSTON COUNTIES

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 29.82	13.80
GROUP 2.....	\$ 34.20	13.80
GROUP 3.....	\$ 42.86	13.80
GROUP 4.....	\$ 43.90	13.80
GROUP 5.....	\$ 44.62	13.80

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; 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")); 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; Grade Checker and Transit Person; High Scaler; Powderman; Re-Timberman; Hazardous Waste Worker (Level A: utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line).

LABO0292-008 06/01/2022

ISLAND, SAN JUAN, SKAGIT, SNOHOMISH, AND WHATCOM COUNTIES

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 29.82	13.80
GROUP 2.....	\$ 34.20	13.80
GROUP 3.....	\$ 42.86	13.80
GROUP 4.....	\$ 43.90	13.80
GROUP 5.....	\$ 44.62	13.80

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; Nozzlemann (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).

LABO0335-001 06/01/2022

CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHAKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), SKAMANIA AND WAHAKIAKUM COUNTIES

	Rates	Fringes
Laborers:		
ZONE 1:		
GROUP 1.....	\$ 37.98	13.80
GROUP 2.....	\$ 38.76	13.80
GROUP 3.....	\$ 39.35	13.80
GROUP 4.....	\$ 39.85	13.80
GROUP 5.....	\$ 34.75	13.80
GROUP 6.....	\$ 31.61	13.80
GROUP 7.....	\$ 27.44	13.80

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: 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 06/01/2022

	Rates	Fringes
Hod Carrier.....	\$ 37.98	13.80

LABO0348-003 06/01/2022

CHELAN, DOUGLAS (W OF 12TH MERIDIAN), KITTITAS, AND YAKIMA COUNTIES

	Rates	Fringes
LABORER		
GROUP 1.....	\$ 25.37	13.80
GROUP 2.....	\$ 29.16	13.80
GROUP 3.....	\$ 31.94	13.80
GROUP 4.....	\$ 32.72	13.80
GROUP 5.....	\$ 32.09	13.19

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, alartrac); 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 glas 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).

PAIN0005-002 07/01/2022

STATEWIDE EXCEPT CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHIAKUM COUNTIES

	Rates	Fringes
Painters:		
STRIPERS.....	\$ 33.37	18.53

-----  
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 07/01/2018

ADAMS, ASOTIN; BENTON AND FRANKLIN (EXCEPT HANFORD SITE); CHELAN, COLUMBIA, DOUGLAS, FERRY, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA COUNTIES

	Rates	Fringes
PAINTER		
Application of Cold Tar Products, Epoxies, Polyurethanes, Acids, Radiation Resistant Material, Water and Sandblasting.....	\$ 30.19	11.71
Over 30'/Swing Stage Work..	\$ 22.20	7.98
Brush, Roller, Striping, Steam-cleaning and Spray....	\$ 22.94	11.61
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 07/01/2020

CLARK, COWLITZ, KLICKITAT, PACIFIC, SKAMANIA, AND WAHIAKUM COUNTIES

	Rates	Fringes
PAINTER		
Brush & Roller.....	\$ 26.56	13.40
Spray and Sandblasting.....	\$ 26.56	13.40

All high work over 60 ft. = base rate + \$0.75

-----  
PAIN0055-006 01/01/2022

CLARK, COWLITZ, KLICKITAT, SKAMANIA and WAHIAKUM COUNTIES

	Rates	Fringes
Painters:		
HIGHWAY & PARKING LOT STRIPER.....	\$ 48.17	16.00

-----  
PLAS0072-004 06/01/2020

ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER		
ZONE 1.....	\$ 31.30	15.53
Zone Differential (Add to Zone 1 rate): Zone 2 -	\$2.00	
BASE POINTS: Spokane, Pasco, Lewiston; Wenatchee		
Zone 1: 0 - 45 radius miles from the main post office		
Zone 2: Over 45 radius miles from the main post office		

-----

PLAS0528-001 06/01/2022

CLALLAM, COWLITZ, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC, PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON, WAHAKIACUM AND WHATCOM COUNTIES

	Rates	Fringes
CEMENT MASON		
CEMENT MASON.....\$ 50.00	50.00	19.59
COMPOSITION, TROWEL MACHINE, GRINDER, POWER TOOLS, GUNNITE NOZZLE.....\$ 50.50	50.50	19.59
TROWELING MACHINE OPERATOR ON COMPOSITION.....\$ 50.50	50.50	19.59

-----  
PLAS0555-002 07/01/2019

CLARK, KLICKITAT AND SKAMANIA COUNTIES

ZONE 1:

	Rates	Fringes
CEMENT MASON		
CEMENT MASONS DOING BOTH COMPOSITION/POWER MACHINERY AND SUSPENDED/HANGING SCAFFOLD...\$ 37.32	37.32	18.77
CEMENT MASONS ON SUSPENDED, SWINGING AND/OR HANGING SCAFFOLD.....\$ 36.58	36.58	18.77
CEMENT MASONS.....\$ 35.85	35.85	18.77
COMPOSITION WORKERS AND POWER MACHINERY OPERATORS...\$ 36.58	36.58	18.77

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 06/01/2020

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 WAHAKIACUM COUNTIES

	Rates	Fringes
Truck drivers:		
ZONE 1		
GROUP 1.....\$ 29.33	29.33	16.40
GROUP 2.....\$ 29.46	29.46	16.40
GROUP 3.....\$ 29.60	29.60	16.40
GROUP 4.....\$ 29.89	29.89	16.40
GROUP 5.....\$ 30.03	30.03	16.40
GROUP 6.....\$ 30.31	30.31	16.40
GROUP 7.....\$ 30.53	30.53	16.40

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 dumps, 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 06/01/2020

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:.....	\$ 42.88	20.92
GROUP 2:.....	\$ 42.04	20.92
GROUP 3:.....	\$ 39.23	20.92
GROUP 4:.....	\$ 34.26	20.92
GROUP 5:.....	\$ 42.43	20.92

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 01/01/2019

ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN, OKANOGAN, PEND 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.....	\$ 23.91	17.40
GROUP 2.....	\$ 26.18	17.40
GROUP 3.....	\$ 26.68	17.40
GROUP 4.....	\$ 27.01	17.40
GROUP 5.....	\$ 27.12	17.40
GROUP 6.....	\$ 27.29	17.40
GROUP 7.....	\$ 27.82	17.40
GROUP 8.....	\$ 28.18	17.40
AREA 2:		
GROUP 1.....	\$ 26.05	17.40
GROUP 2.....	\$ 28.69	17.40
GROUP 3.....	\$ 28.80	17.40
GROUP 4.....	\$ 29.13	17.40
GROUP 5.....	\$ 29.24	17.40
GROUP 6.....	\$ 29.24	17.40
GROUP 7.....	\$ 29.78	17.40
GROUP 8.....	\$ 30.10	17.40

Zone Differential (Add to Zone 1 rate: Zone 1 + \$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)

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.

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.  
=====

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

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 a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 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. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the

classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

#### ----- 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 National Office because National Office has 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 DECISIO"



State of Washington  
Department of Labor & Industries  
Prevailing Wage Section - Telephone 360-902-5335  
PO Box 44540, Olympia, WA 98504-4540

Washington State Prevailing Wage

The PREVAILING WAGES listed here include both the hourly wage rate and the hourly rate of fringe benefits. On public works projects, worker's wage and benefit rates must add to not less than this total. A brief description of overtime calculation requirements are provided on the Benefit Code Key.

Journey Level Prevailing Wage Rates for the Effective Date: 4/10/2023

County	Trade	Job Classification	Wage	Holiday	Overtime	Note	*Risk Class
Whitman	<a href="#">Asbestos Abatement Workers</a>	Journey Level	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Boilermakers</a>	Journey Level	\$74.29	5N	1C		<a href="#">View</a>
Whitman	<a href="#">Brick Mason</a>	Journey Level	\$55.44	5A	1M		<a href="#">View</a>
Whitman	<a href="#">Building Service Employees</a>	Janitor	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Building Service Employees</a>	Shampooer	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Building Service Employees</a>	Waxer	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Building Service Employees</a>	Window Cleaner	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Cabinet Makers (In Shop)</a>	Journey Level	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Carpenters</a>	Acoustical Worker	\$53.36	7E	4X	8N	<a href="#">View</a>
Whitman	<a href="#">Carpenters</a>	Bridge, Dock & Wharf Carpenter	\$57.36	7E	4X	8N	<a href="#">View</a>
Whitman	<a href="#">Carpenters</a>	Floor Layer & Floor Finisher	\$53.36	7E	4X	8N	<a href="#">View</a>
Whitman	<a href="#">Carpenters</a>	Form Builder	\$53.36	7E	4X	8N	<a href="#">View</a>
Whitman	<a href="#">Carpenters</a>	General Carpenter	\$53.36	7E	4X	8N	<a href="#">View</a>
Whitman	<a href="#">Carpenters</a>	Heavy Construction Carpenter	\$57.36	7E	4X	9E	<a href="#">View</a>
Whitman	<a href="#">Carpenters</a>	Scaffold/Shoring Erecting & Dismantling	\$57.36	7E	4X	8N	<a href="#">View</a>
Whitman	<a href="#">Cement Masons</a>	Journey Level	\$52.83	7B	1N		<a href="#">View</a>
Whitman	<a href="#">Divers &amp; Tenders</a>	Assistant Tender	\$61.33	7E	4X		<a href="#">View</a>
Whitman	<a href="#">Divers &amp; Tenders</a>	Bell/Vehicle or Submersible Operator Not Under Pressure	\$64.43	7E	4X		<a href="#">View</a>
Whitman	<a href="#">Divers &amp; Tenders</a>	Dive Supervisors	\$112.37	7E	4X		<a href="#">View</a>
Whitman	<a href="#">Divers &amp; Tenders</a>	Diver	\$110.87	7E	4X	8V	<a href="#">View</a>
Whitman	<a href="#">Divers &amp; Tenders</a>	Diver on Standby	\$63.43	7E	4X		<a href="#">View</a>
Whitman	<a href="#">Divers &amp; Tenders</a>	Diver Tender	\$64.43	7E	4X		<a href="#">View</a>
Whitman	<a href="#">Divers &amp; Tenders</a>	Divng Master	\$74.42	7E	4X		<a href="#">View</a>
Whitman	<a href="#">Divers &amp; Tenders</a>	Manifold Operator	\$64.43	7E	4X		<a href="#">View</a>
Whitman	<a href="#">Divers &amp; Tenders</a>	Manifold Operator Mixed Gas	\$68.43	7E	4X		<a href="#">View</a>
Whitman	<a href="#">Divers &amp; Tenders</a>	Remote Operated Vehicle Operator	\$64.43	7E	4X		<a href="#">View</a>
Whitman	<a href="#">Divers &amp; Tenders</a>	Remote Operated Vehicle Tender / Technician	\$61.33	7E	4X		<a href="#">View</a>
Whitman	<a href="#">Dredge Workers</a>	Assistant Engineer	\$76.56	5D	3F		<a href="#">View</a>
Whitman	<a href="#">Dredge Workers</a>	Assistant Mate (Deckhand)	\$75.97	5D	3F		<a href="#">View</a>
Whitman	<a href="#">Dredge Workers</a>	Boatmen	\$76.56	5D	3F		<a href="#">View</a>
Whitman	<a href="#">Dredge Workers</a>	Engineer Welder	\$78.03	5D	3F		<a href="#">View</a>

Whitman	<a href="#">Dredge Workers</a>	Leverman, Hydraulic	\$79.59	5D	3F		<a href="#">View</a>
Whitman	<a href="#">Dredge Workers</a>	Mates	\$76.56	5D	3F		<a href="#">View</a>
Whitman	<a href="#">Dredge Workers</a>	Oiler	\$75.97	5D	3F		<a href="#">View</a>
Whitman	<a href="#">Drywall Applicator</a>	Journey Level	\$53.36	7E	4X	8N	<a href="#">View</a>
Whitman	<a href="#">Drywall Tapers</a>	Journey Level	\$48.68	7E	1P		<a href="#">View</a>
Whitman	<a href="#">Electrical Fixture Maintenance Workers</a>	Journey Level	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Electricians - Inside</a>	Journeyman	\$61.86	7G	1E		<a href="#">View</a>
Whitman	<a href="#">Electricians - Motor Shop</a>	Craftsman	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Electricians - Motor Shop</a>	Journey Level	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Electricians - Powerline Construction</a>	Cable Splicer	\$93.00	5A	4D		<a href="#">View</a>
Whitman	<a href="#">Electricians - Powerline Construction</a>	Certified Line Welder	\$85.42	5A	4D		<a href="#">View</a>
Whitman	<a href="#">Electricians - Powerline Construction</a>	Groundperson	\$55.27	5A	4D		<a href="#">View</a>
Whitman	<a href="#">Electricians - Powerline Construction</a>	Heavy Line Equipment Operator	\$85.42	5A	4D		<a href="#">View</a>
Whitman	<a href="#">Electricians - Powerline Construction</a>	Journey Level Lineperson	\$85.42	5A	4D		<a href="#">View</a>
Whitman	<a href="#">Electricians - Powerline Construction</a>	Line Equipment Operator	\$73.35	5A	4D		<a href="#">View</a>
Whitman	<a href="#">Electricians - Powerline Construction</a>	Meter Installer	\$55.27	5A	4D	8W	<a href="#">View</a>
Whitman	<a href="#">Electricians - Powerline Construction</a>	Pole Sprayer	\$85.42	5A	4D		<a href="#">View</a>
Whitman	<a href="#">Electricians - Powerline Construction</a>	Powderperson	\$63.50	5A	4D		<a href="#">View</a>
Whitman	<a href="#">Electronic Technicians</a>	Journey Level	\$50.89	5I	1B		<a href="#">View</a>
Whitman	<a href="#">Elevator Constructors</a>	Mechanic	\$107.49	7D	4A		<a href="#">View</a>
Whitman	<a href="#">Elevator Constructors</a>	Mechanic In Charge	\$116.13	7D	4A		<a href="#">View</a>
Whitman	<a href="#">Fabricated Precast Concrete Products</a>	Journey Level	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Fabricated Precast Concrete Products</a>	Journey Level - In-Factory Work Only	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Fence Erectors</a>	Fence Erector	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Flaggers</a>	Journey Level	\$44.88	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Glaziers</a>	Journey Level	\$40.20	7L	4L		<a href="#">View</a>
Whitman	<a href="#">Heat &amp; Frost Insulators And Asbestos Workers</a>	Journey Level	\$59.24	5K	1U		<a href="#">View</a>
Whitman	<a href="#">Heating Equipment Mechanics</a>	Journey Level	\$65.36	6Z	1B		<a href="#">View</a>
Whitman	<a href="#">Hod Carriers &amp; Mason Tenders</a>	Journey Level	\$48.46	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Industrial Power Vacuum Cleaner</a>	Journey Level	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Inland Boatmen</a>	Journey Level	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Cleaner Operator, Foamer Operator	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Grout Truck Operator	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Head Operator	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Technician	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Tv Truck Operator	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Insulation Applicators</a>	Journey Level	\$53.36	7E	4X	8N	<a href="#">View</a>
Whitman	<a href="#">Ironworkers</a>	Journeyman	\$68.91	15K	11N		<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Air And Hydraulic Track Drill	\$48.20	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Asphalt Raker	\$48.20	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Asphalt Roller, Walking	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Brick Pavers	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Brush Hog Feeder	\$47.62	7B	1M	8Z	<a href="#">View</a>

Whitman	<a href="#">Laborers</a>	Brush Machine	\$48.20	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Caisson Worker, Free Alr	\$48.20	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Carpenter Tender	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Cement Finisher Tender	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Cement Handler	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Chain Saw Operator & Faller	\$48.20	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Clean-up Laborer	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Compaction Equipment	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Concrete Crewman	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Concrete Saw, Walking	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Concrete Signalman	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Concrete Stack	\$48.20	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Confined Space Attendant	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Construction Specialist	\$48.39	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Crusher Feeder	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Demolition	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Demolition Torch	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Dope Pot Fireman, Non-mechanical	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Driller Helper (when Required To Move & Position Machine)	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Drills With Dual Masts	\$48.50	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Dry Stack Walls	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Dumpman	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Erosion Control Laborer	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Firewatch	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Form Cleaning Machine Feeder, Stackler	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Form Setter, Paving	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	General Laborer	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Grade Checker	\$50.33	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Grout Machine Header Tender	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Guard Rail	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Gunite	\$48.20	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Hazardous Waste Worker (level A)	\$48.50	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Hazardous Waste Worker (level B)	\$48.20	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Hazardous Waste Worker (level C)	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Hazardous Waste Worker (level D)	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Hdpe Or Similar Liner Installer	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	High Scaler	\$48.20	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Industrial Technician	\$61.41	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Jackhammer Operator Miner, Class "b"	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Laser Beam Operator	\$48.20	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Miner, Class "a"	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Miner, Class "c"	\$48.20	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Miner, Class "d"	\$48.50	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Monitor Operator, Air Track Or Similar Mounting	\$48.20	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Mortar Mixer	\$48.20	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Nipper	\$47.62	7B	1M	8Z	<a href="#">View</a>

Whitman	<a href="#">Laborers</a>	Nozzleman	\$48.20	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Nozzleman, Water (to Include Fire Hose), Air Or Steam	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Pavement Breaker, 90 Lbs. & Over	\$48.20	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Pavement Breaker, Under 90 Lbs.	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Pilot Car	\$44.88	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Pipelayer	\$48.20	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Pipelayer, Corrugated Metal Culvert And Multi-Plate	\$48.20	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Pipewrapper	\$48.20	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Plasterer Tenders	\$48.20	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Pot Tender	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Powderman	\$49.97	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Powederman Helper	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Power Buggy Operator	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Power Tool Operator, Gas, Electric, Pneumatic	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Rad-Con Technician	\$61.41	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Railroad Equipment, Power Driven, Except Dual Mobile	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Railroad Power Spiker Or Puller, Dual Mobile	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Remote Equipment Operator	\$48.50	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Remote Equipment Operator (i.e Compaction And Demolition)	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Rigger/signal Person	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Riprap Person	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Rodder & Spreader	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Sand Hogs Under Compressed Air Conditions	\$95.15	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Sandblast Tailhoseman	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Scaffold Erector, Wood Or Steel	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Scaleman	\$44.88	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Stake Jumper	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Structural Mover	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Tailhoseman (water Nozzle)	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Timber Bucker & Faller (by Hand)	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Track Laborer (rr)	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Traffic Control Laborer	\$44.88	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Traffic Control Supervisor	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Trencher, Shawnee	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Trenchless Technology Technician	\$48.20	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Truck Loader	\$47.62	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Truck Mounted Attenuator	\$44.88	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Tugger Operator	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Vibrators, All	\$48.20	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Wagon Drills	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Water Pipe Liner	\$47.91	7B	1M	8Z	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Welder, Electrical, Manual Or Automatic (hdpe Or Similar Pipe And	\$48.50	7B	1M	8Z	<a href="#">View</a>

		Liner)					
Whitman	<a href="#">Laborers</a>	Well-point Person	\$47.62	<a href="#">7B</a>	<a href="#">1M</a>	<a href="#">8Z</a>	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Wheelbarrow, Power Driven	\$47.91	<a href="#">7B</a>	<a href="#">1M</a>	<a href="#">8Z</a>	<a href="#">View</a>
Whitman	<a href="#">Laborers</a>	Window Washer, Cleaner	\$44.88	<a href="#">7B</a>	<a href="#">1M</a>	<a href="#">8Z</a>	<a href="#">View</a>
Whitman	<a href="#">Laborers - Underground Sewer &amp; Water</a>	General Laborer & Topman	\$48.20	<a href="#">7B</a>	<a href="#">1M</a>	<a href="#">8Z</a>	<a href="#">View</a>
Whitman	<a href="#">Laborers - Underground Sewer &amp; Water</a>	Pipe Layer	\$48.20	<a href="#">7B</a>	<a href="#">1M</a>	<a href="#">8Z</a>	<a href="#">View</a>
Whitman	<a href="#">Landscape Construction</a>	Landscape Laborer	\$44.88	<a href="#">7B</a>	<a href="#">1M</a>	<a href="#">8Z</a>	<a href="#">View</a>
Whitman	<a href="#">Landscape Construction</a>	Landscape Operator	\$55.13	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Landscape Maintenance</a>	Groundskeeper	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Whitman	<a href="#">Lathers</a>	Journey Level	\$53.36	<a href="#">7E</a>	<a href="#">4X</a>	<a href="#">8N</a>	<a href="#">View</a>
Whitman	<a href="#">Marble Setters</a>	Journey Level	\$55.44	<a href="#">5A</a>	<a href="#">1M</a>		<a href="#">View</a>
Whitman	<a href="#">Metal Fabrication (In Shop)</a>	Fitter	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Whitman	<a href="#">Metal Fabrication (In Shop)</a>	Laborer	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Whitman	<a href="#">Metal Fabrication (In Shop)</a>	Machine Operator	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Whitman	<a href="#">Metal Fabrication (In Shop)</a>	Painter	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Whitman	<a href="#">Metal Fabrication (In Shop)</a>	Welder	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Whitman	<a href="#">Millwright</a>	Journey Level	\$73.35	<a href="#">5A</a>	<a href="#">1B</a>		<a href="#">View</a>
Whitman	<a href="#">Modular Buildings</a>	Journey Level	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Whitman	<a href="#">Painters</a>	Commercial Painter	\$43.01	<a href="#">6Z</a>	<a href="#">1W</a>		<a href="#">View</a>
Whitman	<a href="#">Painters</a>	Industrial Painter	\$50.32	<a href="#">6Z</a>	<a href="#">1W</a>	<a href="#">9D</a>	<a href="#">View</a>
Whitman	<a href="#">Pile Driver</a>	Journey Level	\$57.36	<a href="#">7E</a>	<a href="#">4X</a>	<a href="#">8N</a>	<a href="#">View</a>
Whitman	<a href="#">Plasterers</a>	Journey Level	\$53.51	<a href="#">7K</a>	<a href="#">1N</a>		<a href="#">View</a>
Whitman	<a href="#">Playground &amp; Park Equipment Installers</a>	Journey Level	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Whitman	<a href="#">Plumbers &amp; Pipefitters</a>	Journey Level	\$88.41	<a href="#">6Z</a>	<a href="#">1Q</a>		<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	A-frame Truck (2 Or More Drums)	\$54.96	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	A-frame Truck (single Drum)	\$54.30	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	All Tower Cranes	\$59.25	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Asphalt Plant Operator	\$55.61	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Assistant Plant Operator, Fireman Or Pugmixer (asphalt)	\$54.30	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Assistant Refrigeration Plant & Chiller Operator (over 1000 Ton)	\$54.96	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Assistant Refrigeration Plant (under 1000 Ton)	\$54.30	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Automatic Subgrader (ditches & Trimmers)	\$55.61	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Backfillers (cleveland & Similar)	\$54.96	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Backhoe & Hoe Ram (under 3/4 Yd.)	\$55.31	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Backhoe (45,000 Gw & Under)	\$55.31	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Backhoe (45,000 Gw To 110,000 Gw)	\$55.61	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Backhoe (over 110,000 Gw)	\$55.90	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Backhoes & Hoe Ram (3 Yds & Over)	\$55.90	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Backhoes & Hoe Ram (3/4 Yd. To 3 Yd.)	\$55.61	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Bagley Or Stationary Scraper	\$54.30	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Batch & Wet Mix Operator (multiple Units, 2 & Incl. 4)	\$55.61	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>

Whitman	<a href="#">Power Equipment Operators</a>	Batch Plant & Wet Mix Operator, Single Unit (concrete)	\$54.96	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Batch Plant (over 4 Units)	\$55.61	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Belt Finishing Machine	\$54.30	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Belt Loader (kocal Or Similar)	\$54.96	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Belt-crete Conveyors With Power Pack Or Similar	\$54.96	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Bending Machine	\$54.96	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Bit Grinders	\$53.96	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Blade (finish & Bluetop), Automatic, Cmi, Abc, Finish Athey & Huber & Similar When Used As Automatic	\$55.90	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Blade Operator (motor Patrol & Attachments)	\$55.61	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Blower Operator (cement)	\$54.30	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Boat Operator	\$53.96	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Bob Cat (skid Steer)	\$54.96	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Bolt Threading Machine	\$53.96	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Boom Cats (side)	\$55.61	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Boring Machine (earth)	\$54.96	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Boring Machine (Rock Under 8 inch Bit - Quarry Master, Joy Or Similar)	\$54.96	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Bump Cutter (wayne, Saginaw Or Similar)	\$54.96	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Cableway Controller (dispatcher)	\$55.61	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Cableway Operators	\$55.90	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Canal Lining Machine (concrete)	\$54.96	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Carrydeck & Boom Truck (under 25 Tons)	\$55.31	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Cement Hog	\$54.30	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Chipper (without Crane) Cleaning & Doping Machine (pipeline)	\$54.96	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Clamshell, Dragline	\$57.63	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Compactor (self-propelled With Blade)	\$55.61	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Compressor (2000 Cfm Or Over, 2 Or More, Gas Diesel Or Electric Power)	\$54.30	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Compressors (under 2000 Cfm, Gas, Diesel Or Electric Power)	\$53.96	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Concrete Cleaning / Decontamination Machine Operator	\$55.90	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Concrete Pump Boon Truck	\$55.61	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Concrete Pumps (squeeze-crete, Flow-crete, Whitman & Similar)	\$55.13	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Concrete Saw (multiple Cut)	\$54.30	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Concrete Slip Form Paver	\$55.61	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Conveyor Aggregate Delivery Systems (c.a.d.)	\$55.61	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Crane Oiler & Cable Tender, Mucking Machine	\$53.96	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Crane Oiler - Driver (cdl Required)	\$54.30	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Cranes (100 to 299 Tons) All Attachments	\$58.49	<a href="#">ZZ</a>	<a href="#">4S</a>	<a href="#">9A</a>	<a href="#">View</a>

Whitman	<a href="#">Power Equipment Operators</a>	Cranes (25 Tons & Under), All Attachments Incl. Clamshell, Dragline	\$55.31	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Cranes (25 Tons To And Including 44 Tons), All Attachments Incl. Clamshell, Dragline	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Cranes (300 Tons and Over) All Attachments	\$59.25	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Cranes (45 Tons To 55 Tons), All Attachments Incl. Clamshell And Dragline	\$55.90	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Cranes (56 to 99 tons) and overhead, rail and Quick Tower. All attachment incl. Clamshell, Dragline	\$57.63	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Crusher Feeder	\$53.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Crusher, Grizzle & Screening Plant Operator	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Curb Extruder (asphalt Or Concrete)	\$55.13	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Deck Engineer	\$54.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Deck Hand	\$53.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Derricks & Stifflegs (65 Tons & Over)	\$55.90	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Derricks & Stifflegs (under 65 Tons)	\$55.31	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Distributor Leverman	\$54.30	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Ditch Witch Or Similar	\$54.30	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Dope Pots (power Agitated)	\$54.30	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Dozer / Tractor (up To D-6 Or Equivalent) And Traxcavator	\$54.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Dozer / Tractors (d-6 & Equivalent & Over)	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Dozer, 834 R/t & Similar	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Drill Doctor	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Driller Licensed	\$57.63	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Drillers Helper	\$53.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Drilling Equipment (8 inch Bit & Over - Robbins, Reverse Circulation & Similar)	\$55.31	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Drills (churn, Core, Calyx Or Diamond)	\$55.13	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Elevating Belt (holland Type)	\$55.90	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Elevating Belt-type Loader (euclid, Barber Green & Similar)	\$54.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Elevating Grader-type Loader (dumor, Adams Or Similar)	\$54.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Elevator Hoisting Materials	\$54.30	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Equipment Serviceman, Greaser & Oiler	\$55.13	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Fireman & Heater Tender	\$53.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Fork Lift Or Lumber Stacker, Hydra-life & Similar	\$54.30	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Generator Plant Engineers (diesel Or Electric)	\$54.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Gin Trucks (pipeline)	\$54.30	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Grade Checker	\$55.31	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Gunitte Combination Mixer & Compressor	\$54.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>

Whitman	<a href="#">Power Equipment Operators</a>	H.d. Mechanic	\$55.90	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	H.d. Welder	\$55.90	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Heavy Equipment Robotics Operator	\$55.90	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Helicopter Pilot	\$57.63	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Helper, Mechanic Or Welder, H.D	\$53.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Hoe Ram	\$55.31	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Hoist (2 Or More Drums Or Tower Hoist)	\$55.13	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Hoist, Single Drum	\$54.30	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Hydraulic Platform Trailers (goldhofer, Shaurerly And Similar)	\$55.90	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Hydro-seeder, Mulcher, Nozzleman	\$53.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Lime Batch Tank Operator (recycle Train)	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Lime Brain Operator (recycle Train)	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Loader (360 Degrees Revolving Koehring Scooper Or Similar)	\$55.90	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Loader Operator (front-end & Overhead, 4 Yds. Incl. 8 Yds.)	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Loaders (bucket Elevators And Conveyors)	\$54.30	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Loaders (overhead & Front-end, Over 8 Yds.)	\$55.90	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Loaders (overhead & Front-end, Under 4 Yds.. R/t)	\$55.13	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Loaders (overhead And Front-end, 10 Yds. & Over)	\$57.63	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Locomotive Engineer	\$54.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Longitudinal Float	\$54.30	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Master Environmental Maintenance Technician	\$55.90	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Mixer (portable - Concrete)	\$54.30	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Mixermobile	\$54.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Mobile Crusher Operator (recycle Train)	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Mucking Machine	\$54.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Multiple Dozer Units With Single Blade	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Pavement Breaker, Hydra-hammer & Similar	\$54.30	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Paving (dual Drum)	\$55.31	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Paving Machine (asphalt And Concrete)	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Pledriving Engineers	\$55.31	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Plant Oiler	\$53.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Posthole Auger Or Punch	\$54.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Power Broom	\$54.30	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Pump (grout Or Jet)	\$54.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Pumpman	\$53.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Quad-track Or Similar Equipment	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators</a>	Railroad Ballast Regulation Operator (self-propelled)	\$54.30	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>

Whitman	<a href="#">Power Equipment Operators</a>	Railroad Power Tamper Operator (self-propelled)	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Railroad Tamper Jack Operator (self-propelled)	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Railroad Track Liner Operator (self-propelled)	\$55.31	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Refrigeration Plant Engineer (1000 Tons & Over)	\$55.31	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Refrigeration Plant Engineer (under 1000 Ton)	\$55.13	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Roller (finishing Asphalt Pavement)	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Rollers, All Types On Subgrade, Including Seal And Chip Coating (farm Type, Case, John Deere And Similar, or Compacting Vibrator), Except When Pulled B	\$53.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Roto Mill (pavement Grinder)	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Rotomill Groundsman	\$55.13	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Rubber-tired Scrapers (multiple Engine With Three Or More Scrapers)	\$55.90	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Rubber-tired Skidders (r/t With Or Without Attachments)	\$55.13	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Scrapers, All, Rubber-tired	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Screed Operator	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Shovels (3 Yds. & Over)	\$55.90	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Shovels (under 3 Yds.)	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Signalman (whirleys, Highline, Hammerheads Or Similar)	\$55.31	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Soil Stabilizer (p & H Or Similar)	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Spray Curing Machine (concrete)	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Spreader Box (self-propelled)	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Spreader Machine	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Steam Cleaner	\$53.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Straddle Buggy (ross & Similar On Construction Job Only)	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Surface Heater & Planer Machine	\$55.13	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Tractor (farm Type R/t With Attachments, Except Backhoe)	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Traverse Finish Machine	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Trenching Machines (7 Ft. Depth & Over)	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Trenching Machines (under 7 Ft. Depth Capacity)	\$55.13	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Tug Boat Operator	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Tugger Operator	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Turnhead (with Re-screening)	\$55.13	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Turnhead Operator	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Ultra High Pressure Waterjet Cutting Tool System Operator, (30,000 Psi)	\$55.90	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Vactor Guzzler, Super Sucker	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Vacuum Blasting Machine Operator	\$55.90	ZZ	4S	9A	<a href="#">View</a>

Whitman	<a href="#">Power Equipment Operators</a>	Vacuum Drill (reverse Circulation Drill Under 8 Inch Bit)	\$55.13	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Welding Machine	\$53.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators</a>	Whirleys & Hammerheads, All	\$55.90	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	A-frame Truck (2 Or More Drums)	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	A-frame Truck (single Drum)	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	All Tower Cranes	\$59.25	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Asphalt Plant Operator	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Assistant Plant Operator, Fireman Or Pugmixer (asphalt)	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Assistant Refrigeration Plant & Chiller Operator (over 1000 Ton)	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Assistant Refrigeration Plant (under 1000 Ton)	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Automatic Subgrader (ditches & Trimmers)	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Backfillers (cleveland & Similar)	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Backhoe & Hoe Ram (under 3/4 Yd.)	\$55.31	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Backhoe (45,000 Gw & Under)	\$55.31	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Backhoe (45,000 Gw To 110,000 Gw)	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Backhoe (over 110,000 Gw)	\$55.90	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Backhoes & Hoe Ram (3 Yds & Over)	\$55.90	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Backhoes & Hoe Ram (3/4 Yd. To 3 Yd.)	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Bagley Or Stationary Scraper	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Batch & Wet Mix Operator (multiple Units, 2 & Incl. 4)	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Batch Plant & Wet Mix Operator, Single Unit (concrete)	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Batch Plant (over 4 Units)	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Belt Finishing Machine	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Belt Loader (kocal Or Similar)	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Belt-crete Conveyors With Power Pack Or Similar	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Bending Machine	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Bit Grinders	\$53.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Blade (finish & Bluetop), Automatic, Cmi, Abc, Finish Athey & Huber &	\$55.90	ZZ	4S	9A	<a href="#">View</a>

		Similar When Used As Automatic					
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Blade Operator (motor Patrol & Attachments)	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Blower Operator (cement)	\$54.30	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Boat Operator	\$53.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Bob Cat (skid Steer)	\$54.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Bolt Threading Machine	\$53.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Boom Cats (side)	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Boring Machine (earth)	\$54.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Boring Machine (Rock Under 8 inch Bit - Quarry Master, Joy Or Similar)	\$54.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Bump Cutter (wayne, Saginaw Or Similar)	\$54.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cableway Controller (dispatcher)	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cableway Operators	\$55.90	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Canal Lining Machine (concrete)	\$54.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Carrydeck & Boom Truck (under 25 Tons)	\$55.31	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cement Hog	\$54.30	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Chipper (without Crane) Cleaning & Doping Machine (pipeline)	\$54.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Clamshell, Dragline	\$57.63	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Compactor (self-propelled With Blade)	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Compressor (2000 Cfm Or Over, 2 Or More, Gas Diesel Or Electric Power)	\$54.30	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Compressors (under 2000 Cfm, Gas, Diesel Or Electric Power)	\$53.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Cleaning / Decontamination Machine Operator	\$55.90	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Pump Boon Truck	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Pumps (squeeze-crete, Flow-crete, Whitman & Similar)	\$55.13	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Saw (multiple Cut)	\$54.30	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Concrete Slip Form Paver	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Conveyor Aggregate Delivery Systems (c.a.d.)	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Crane Oiler & Cable Tender, Mucking Machine	\$53.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Crane Oiler - Driver (cdl Required)	\$54.30	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>

	<a href="#">Underground Sewer &amp; Water</a>						
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes (100 to 299 Tons) All Attachments	\$58.49	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes (25 Tons & Under), All Attachments Incl. Clamshell, Dragline	\$55.31	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes (25 Tons To And Including 44 Tons), All Attachments Incl. Clamshell, Dragline	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes (300 Tons and Over) All Attachments	\$59.25	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes (45 Tons To 55 Tons), All Attachments Incl. Clamshell And Dragline	\$55.90	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Cranes (56 to 99 tons) and overhead, rail and Quick Tower. All attachment incl. Clamshell, Dragline	\$57.63	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Crusher Feeder	\$53.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Crusher, Grizzle & Screening Plant Operator	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Curb Extruder (asphalt Or Concrete)	\$55.13	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Deck Engineer	\$54.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Deck Hand	\$53.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Derricks & Stifflegs (65 Tons & Over)	\$55.90	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Derricks & Stifflegs (under 65 Tons)	\$55.31	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Distributor Leverman	\$54.30	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Ditch Witch Or Similar	\$54.30	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Dope Pots (power Agitated)	\$54.30	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Dozer / Tractor (up To D-6 Or Equivalent) And Traxcavator	\$54.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Dozer / Tractors (d-6 & Equivalent & Over)	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Dozer, 834 R/t & Similar	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Drill Doctor	\$55.61	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Driller Licensed	\$57.63	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Drillers Helper	\$53.96	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Drilling Equipment (8 inch Bit & Over - Robbins, Reverse Circulation & Similar)	\$55.31	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Drills (churn, Core, Calyx Or Diamond)	\$55.13	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Elevating Belt (holland Type)	\$55.90	<u>ZZ</u>	<u>4S</u>	<u>9A</u>	<u>View</u>

Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Elevating Belt-type Loader (euclid, Barber Green & Similar)	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Elevating Grader-type Loader (dumor, Adams Or Similar)	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Elevator Hoisting Materials	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Equipment Serviceman, Greaser & Oiler	\$55.13	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Fireman & Heater Tender	\$53.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Fork Lift Or Lumber Stacker, Hydra-life & Similar	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Generator Plant Engineers (diesel Or Electric)	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Gin Trucks (pipeline)	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Grade Checker	\$55.31	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Gunite Combination Mixer & Compressor	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	H.d. Mechanic	\$55.90	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	H.d. Welder	\$55.90	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Heavy Equipment Robotics Operator	\$55.90	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Helicopter Pilot	\$57.63	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Helper, Mechanic Or Welder, H.D	\$53.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hoe Ram	\$55.31	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hoist (2 Or More Drums Or Tower Hoist)	\$55.13	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hoist, Single Drum	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hydraulic Platform Trailers (goldhofer, Shaurely And Similar)	\$55.90	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Hydro-seeder, Mulcher, Nozzleman	\$53.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Lime Batch Tank Operator (recycle Train)	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Lime Brain Operator (recycle Train)	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loader (360 Degrees Revolving Koehring Scooper Or Similar)	\$55.90	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loader Operator (front-end & Overhead, 4 Yds. Incl. 8 Yds.)	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loaders (bucket Elevators And Conveyors)	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loaders (overhead & Front-end, Over 8 Yds.)	\$55.90	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Loaders (overhead & Front-end, Under 4 Yds.. R/t)	\$55.13	ZZ	4S	9A	<a href="#">View</a>

Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Locomotive Engineer	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Longitudinal Float	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Master Environmental Maintenance Technician	\$55.90	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Mixer (portable - Concrete)	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Mixermobile	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Mobile Crusher Operator (recycle Train)	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Mucking Machine	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Multiple Dozer Units With Single Blade	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Pavement Breaker, Hydra-hammer & Similar	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Paving (dual Drum)	\$55.31	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Paving Machine (asphalt And Concrete)	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Pledriving Engineers	\$55.31	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Plant Oiler	\$53.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Posthole Auger Or Punch	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Power Broom	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Pump (grout Or Jet)	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Pumpman	\$53.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Quad-track Or Similar Equipment	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Railroad Ballast Regulation Operator (self-propelled)	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Railroad Power Tamper Operator (self-propelled)	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Railroad Tamper Jack Operator (self-propelled)	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Railroad Track Liner Operator (self-propelled)	\$55.31	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Refrigeration Plant Engineer (1000 Tons & Over)	\$55.31	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Refrigeration Plant Engineer (under 1000 Ton)	\$55.13	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Rollerman (finishing Asphalt Pavement)	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Rollers, All Types On Subgrade, Including Seal And Chip Coating (farm Type, Case, John Deere And Similar,or Compacting Vibrator), Except When Pulled B	\$53.96	ZZ	4S	9A	<a href="#">View</a>

Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Roto Mill (pavement Grinder)	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Rotomill Groundsman	\$55.13	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Rubber-tired Scrapers (multiple Engine With Three Or More Scrapers)	\$55.90	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Rubber-tired Skidders (r/t With Or Without Attachments)	\$55.13	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Scrapers, All, Rubber-tired	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Screed Operator	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovels (3 Yds. & Over)	\$55.90	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Shovels (under 3 Yds.)	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Signalman (whirleys, Highline, Hammerheads Or Similar)	\$55.31	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Soil Stabilizer (p & H Or Similar)	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Spray Curing Machine (concrete)	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Spreader Box (self-propelled)	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Spreader Machine	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Steam Cleaner	\$53.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Straddle Buggy (ross & Similar On Construction Job Only)	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Surface Heater & Planer Machine	\$55.13	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Tractor (farm Type R/t With Attachments, Except Backhoe)	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Traverse Finish Machine	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Trenching Machines (7 Ft. Depth & Over)	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Trenching Machines (under 7 Ft. Depth Capacity)	\$55.13	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Tug Boat Operator	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Tugger Operator	\$54.30	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Turnhead (with Re-screening)	\$55.13	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Turnhead Operator	\$54.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Ultra High Pressure Waterjet Cutting Tool System Operator, (30,000 Psi)	\$55.90	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Vactor Guzzler, Super Sucker	\$55.61	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Vacuum Blasting Machine Operator	\$55.90	ZZ	4S	9A	<a href="#">View</a>

Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Vacuum Drill (reverse Circulation Drill Under 8 Inch Bit)	\$55.13	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Welding Machine	\$53.96	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Equipment Operators- Underground Sewer &amp; Water</a>	Whirleys & Hammerheads, All	\$55.90	ZZ	4S	9A	<a href="#">View</a>
Whitman	<a href="#">Power Line Clearance Tree Trimmers</a>	Journey Level In Charge	\$57.22	5A	4A		<a href="#">View</a>
Whitman	<a href="#">Power Line Clearance Tree Trimmers</a>	Spray Person	\$54.32	5A	4A		<a href="#">View</a>
Whitman	<a href="#">Power Line Clearance Tree Trimmers</a>	Tree Equipment Operator	\$57.22	5A	4A		<a href="#">View</a>
Whitman	<a href="#">Power Line Clearance Tree Trimmers</a>	Tree Trimmer	\$51.18	5A	4A		<a href="#">View</a>
Whitman	<a href="#">Power Line Clearance Tree Trimmers</a>	Tree Trimmer Groundperson	\$38.99	5A	4A		<a href="#">View</a>
Whitman	<a href="#">Refrigeration &amp; Air Conditioning Mechanics</a>	Journey Level	\$88.41	6Z	1Q		<a href="#">View</a>
Whitman	<a href="#">Residential Brick Mason</a>	Journey Level	\$55.44	5A	1M		<a href="#">View</a>
Whitman	<a href="#">Residential Carpenters</a>	Journey Level	\$25.00		1		<a href="#">View</a>
Whitman	<a href="#">Residential Cement Masons</a>	Journey Level	\$16.24		1		<a href="#">View</a>
Whitman	<a href="#">Residential Drywall Applicators</a>	Journey Level	\$25.64		1		<a href="#">View</a>
Whitman	<a href="#">Residential Drywall Tapers</a>	Journey Level	\$48.68	7E	1P		<a href="#">View</a>
Whitman	<a href="#">Residential Electricians</a>	Journey Level	\$31.82		1		<a href="#">View</a>
Whitman	<a href="#">Residential Glaziers</a>	Journey Level	\$20.72		1		<a href="#">View</a>
Whitman	<a href="#">Residential Insulation Applicators</a>	Journey Level	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Residential Laborers</a>	Journey Level	\$22.44		1		<a href="#">View</a>
Whitman	<a href="#">Residential Marble Setters</a>	Journey Level	\$55.44	5A	1M		<a href="#">View</a>
Whitman	<a href="#">Residential Painters</a>	Journey Level	\$25.08		1		<a href="#">View</a>
Whitman	<a href="#">Residential Plumbers &amp; Pipefitters</a>	Journey Level	\$21.92		1		<a href="#">View</a>
Whitman	<a href="#">Residential Refrigeration &amp; Air Conditioning Mechanics</a>	Journey Level	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Residential Sheet Metal Workers</a>	Journey Level (Field or Shop)	\$65.36	5I	1B		<a href="#">View</a>
Whitman	<a href="#">Residential Soft Floor Layers</a>	Journey Level	\$17.62		1		<a href="#">View</a>
Whitman	<a href="#">Residential Sprinkler Fitters / Fire Protection)</a>	Journey Level	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Residential Stone Masons</a>	Journey Level	\$55.44	5A	1M		<a href="#">View</a>
Whitman	<a href="#">Residential Terrazzo Workers</a>	Journey Level	\$20.61		1		<a href="#">View</a>
Whitman	<a href="#">Residential Terrazzo/Tile Finishers</a>	Journey Level	\$17.92		1		<a href="#">View</a>
Whitman	<a href="#">Residential Tile Setters</a>	Journey Level	\$20.61		1		<a href="#">View</a>
Whitman	<a href="#">Roofers</a>	Journey Level	\$44.79	5I	1B		<a href="#">View</a>
Whitman	<a href="#">Roofers</a>	Using Irritable Bituminous Materials	\$46.79	5I	1B		<a href="#">View</a>
Whitman	<a href="#">Sheet Metal Workers</a>	Journey Level (Field or Shop)	\$73.36	6Z	1B		<a href="#">View</a>
Whitman	<a href="#">Sign Makers &amp; Installers (Electrical)</a>	Journey Level	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Sign Makers &amp; Installers (Non-Electrical)</a>	Journey Level	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Soft Floor Layers</a>	Journey Level	\$55.76	5A	3J		<a href="#">View</a>
Whitman	<a href="#">Solar Controls For Windows</a>	Journey Level	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Sprinkler Fitters (Fire Protection)</a>	Journey Level	\$65.00	7J	1R		<a href="#">View</a>
Whitman	<a href="#">Stage Rigging Mechanics (Non Structural)</a>	Journey Level	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Stone Masons</a>	Journey Level	\$55.44	5A	1M		<a href="#">View</a>
Whitman	<a href="#">Street And Parking Lot Sweeper Workers</a>	Journey Level	\$15.74		1		<a href="#">View</a>
Whitman	<a href="#">Surveyors</a>	Chain Person	\$15.74	Q	1	9H	<a href="#">View</a>

Whitman	<a href="#">Surveyors</a>	Instrument Person	\$15.74	<a href="#">Q</a>	<a href="#">1</a>	<a href="#">9H</a>	<a href="#">View</a>
Whitman	<a href="#">Surveyors</a>	Party Chief	\$15.74	<a href="#">Q</a>	<a href="#">1</a>	<a href="#">9H</a>	<a href="#">View</a>
Whitman	<a href="#">Telecommunication Technicians</a>	Journey Level	\$50.89	<a href="#">5I</a>	<a href="#">1B</a>		<a href="#">View</a>
Whitman	<a href="#">Telephone Line Construction - Outside</a>	Cable Splicer	\$39.15	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
Whitman	<a href="#">Telephone Line Construction - Outside</a>	Hole Digger/Ground Person	\$26.29	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
Whitman	<a href="#">Telephone Line Construction - Outside</a>	Telephone Equipment Operator (Light)	\$32.72	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
Whitman	<a href="#">Telephone Line Construction - Outside</a>	Telephone Lineperson	\$37.00	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
Whitman	<a href="#">Terrazzo Workers</a>	Journey Level	\$43.81	<a href="#">5A</a>	<a href="#">1M</a>		<a href="#">View</a>
Whitman	<a href="#">Tile Setters</a>	Journey Level	\$43.81	<a href="#">5A</a>	<a href="#">1M</a>		<a href="#">View</a>
Whitman	<a href="#">Tile, Marble &amp; Terrazzo Finishers</a>	Journey Level	\$35.93	<a href="#">5A</a>	<a href="#">1M</a>		<a href="#">View</a>
Whitman	<a href="#">Traffic Control Stripers</a>	Journey Level	\$51.90	<a href="#">7A</a>	<a href="#">1K</a>		<a href="#">View</a>
Whitman	<a href="#">Truck Drivers</a>	Asphalt Mix Over 20 Yards	\$54.60	<a href="#">5D</a>	<a href="#">1V</a>	<a href="#">8M</a>	<a href="#">View</a>
Whitman	<a href="#">Truck Drivers</a>	Asphalt Mix To 20 Yards	\$54.40	<a href="#">5D</a>	<a href="#">1V</a>	<a href="#">8M</a>	<a href="#">View</a>
Whitman	<a href="#">Truck Drivers</a>	Dump Truck	\$54.40	<a href="#">5D</a>	<a href="#">1V</a>	<a href="#">8M</a>	<a href="#">View</a>
Whitman	<a href="#">Truck Drivers</a>	Dump Truck & Trailer	\$54.60	<a href="#">5D</a>	<a href="#">1V</a>	<a href="#">8M</a>	<a href="#">View</a>
Whitman	<a href="#">Truck Drivers</a>	Other Trucks	\$54.29	<a href="#">5D</a>	<a href="#">1V</a>	<a href="#">8M</a>	<a href="#">View</a>
Whitman	<a href="#">Truck Drivers - Ready Mix</a>	Transit Mixers 20 yards and under	\$54.60	<a href="#">5D</a>	<a href="#">1V</a>	<a href="#">8M</a>	<a href="#">View</a>
Whitman	<a href="#">Truck Drivers - Ready Mix</a>	Transit Mixers over 20 yards	\$54.94	<a href="#">5D</a>	<a href="#">1V</a>	<a href="#">8M</a>	<a href="#">View</a>
Whitman	<a href="#">Well Drillers &amp; Irrigation Pump Installers</a>	Irrigation Pump Installer	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Whitman	<a href="#">Well Drillers &amp; Irrigation Pump Installers</a>	Oiler	\$15.74		<a href="#">1</a>		<a href="#">View</a>
Whitman	<a href="#">Well Drillers &amp; Irrigation Pump Installers</a>	Well Driller	\$18.00		<a href="#">1</a>		<a href="#">View</a>



\*\*\*\*\*  
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.
- 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.

Overtime Codes Continued

1. 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.
- 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.

**Overtime Codes Continued**

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.
- 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.
- M. This code appears to be missing. All hours worked on Saturdays, Sundays and holidays shall be paid at double 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.

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.

- 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.
- J. All hours worked between the hours of 10:00 pm and 5:00 am, Monday through Friday, and all hours worked on Saturdays shall be paid at a 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.
- K. 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 5 am to 6pm 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, and all hours worked in excess of twelve (12) hours in a single shift 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. When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the eight (8) hours rest period.

**Overtime Codes Continued**

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.
- 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.
- D. 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 Saturday, Sundays and holidays shall be paid at double the hourly rate of pay. Rates include all members of the assigned crew.

**EXCEPTION:**

On all multipole structures and steel transmission lines, switching stations, regulating, capacitor stations, generating plants, industrial plants, associated installations and substations, except those substations whose primary function is to feed a distribution system, will be paid overtime under the following rates:

The first two (2) hours after eight (8) regular hours Monday through Friday of overtime on a regular workday, shall be paid at one and one-half times the hourly rate of wage. All hours in excess of ten (10) hours will be at two (2) times the hourly rate of wage. The first eight (8) hours worked on Saturday will be paid at one and one-half (1-1/2) times the hourly rate of wage. All hours worked in excess of eight (8) hours on Saturday, and all hours worked on Sundays and holidays will be at the double the hourly rate of wage.

All overtime eligible hours performed on the above described work that is energized, shall be paid at the 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.  
  
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 Monday or Friday not utilized in the normal four-day, ten hour work week, and Saturday shall be paid at one and one half (1½) times the regular shift rate for the first eight (8) hours. 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.
- G. All hours worked on Saturdays 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. The First eight (8) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) per day on Saturdays shall be paid at double the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

**Overtime Codes Continued**

4. J. The first eight (8) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) hours on a Saturday shall be paid at double the hourly rate of wage. All hours worked over twelve (12) in a day, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.
- K. All hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage, so long as Saturday is the sixth consecutive day worked. All hours worked over twelve (12) in a day Monday through Saturday, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.
- L. The first twelve (12) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on a Saturday in excess of twelve (12) hours shall be paid at double the hourly rate of pay. All hours worked over twelve (12) in a day Monday through Friday, and all hours worked on Sundays shall be paid at double the hourly rate of wage. All hours worked on a holiday shall be paid at one and one-half times the hourly rate of wage, except that all hours worked on Labor Day shall be paid at double the hourly rate of pay.
- U. 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. (Except on makeup days if work is lost due to inclement weather, then the first eight (8) hours on Saturday may be paid the regular rate.) All hours worked over twelve (12) hours Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- S. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, work performed in excess of (10) hours shall be paid at one and one half (1-1/2) times the hourly rate of pay. On Monday through Friday, work performed outside the normal work hours of 6:00 a.m. and 6:00 p.m. shall be paid at one and one-half (1-1/2) times the straight time rate, (except for special shifts or multiple shift operations).
- All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed on Sundays and holidays shall be paid at double the hourly rate of wage. When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.
- Multiple Shift Operations: When the first shift of a multiple shift (a two or three shift) operation is started at the basic straight time rate or at a specific overtime rate, all shifts of that day's operation shall be completed at that rate. Special Shifts: The Special Shift Premium is the basic hourly rate of pay plus \$2.00 an hour. When due to conditions beyond the control of the employer or when an owner (not acting as the contractor), a government agency or the contract specifications require more than four (4) hours of a special shift can only be performed outside the normal 6am to 6pm shift then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they shall be paid the special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday).

**Overtime Codes Continued**

4. V. Work performed in excess of ten (10) hours of straight time per day when four ten (10) hour shifts are established or outside the normal shift (5 am to 6pm), and all work on Saturdays, except for make-up days shall be paid at time and one-half (1 ½) the straight time rate.
- In the event the job is down due to weather conditions, 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 work performed on Sundays and holidays and work in excess of twelve (12) hours per day shall be paid at double (2x) the straight time rate of pay.
- After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.
- When an employee returns to work without a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.
- X. 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. Work performed outside the normal shift of 6 am to 6pm shall be paid at one and one-half the straight time rate, (except for special shifts or three shift operations). All work performed on Sundays and holidays shall be paid at double the hourly rate of wage. Shifts may be established when considered necessary by the Employer.
- The Employer may establish shifts consisting of eight (8) or ten (10) hours of work (subject to WAC 296-127-022), that shall constitute a normal forty (40) hour work week. The Employer can change from a 5-eight to a 4-ten hour schedule or back to the other. All hours of work on these shifts shall be paid for at the straight time hourly rate. Work performed in excess of eight hours (or ten hours per day (subject to WAC 296-127-022) shall be paid at one and one-half the straight time rate.
- When due to conditions beyond the control of the Employer, or when contract specifications require that work can only be performed outside the regular day shift, then by mutual agreement a special shift may be worked at the straight time rate, eight (8) hours work for eight (8) hours pay. The starting time shall be arranged to fit such conditions of work.
- When an employee returns to work without at a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.
11. 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 After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
- C 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 overtime hours worked, except Labor Day, and all hours on Sunday 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. All non-overtime and non-holiday hours worked between 4:00 pm and 5:00 am, Monday through Friday, shall be paid at a premium rate of 15% over the hourly rate of wage.

**Overtime Codes Continued**

11. D. All hours worked on Saturdays and holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays shall be paid at double the hourly rate of wage.
- After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
- E. The first two (2) hours after eight (8) regular hours Monday through Friday, the first ten (10) hours on Saturday, and the first ten (10) hours worked on Holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked over ten (10) hours Monday through Saturday, and Sundays shall be paid at double the hourly rate of wage.
- After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
- F. 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 Monday or Friday not utilized in the normal four-day, ten hour work week, and Saturday shall be paid at one-half times the hourly rate of wage for the first eight (8) hours. 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.
- G. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm 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, and all hours worked in excess of twelve (12) hours in a single shift 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 nine (9) hours or more. When an employee returns to work without at least nine (9) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the nine (9) hours rest period.
- H. 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 5 am to 6pm 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, and all hours worked in excess of twelve (12) hours in a single shift 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 ten (10) hours or more. When an employee returns to work without at least ten (10) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the ten (10) hours rest period.

**Overtime Codes Continued**

11. J. All hours worked on holidays shall be paid at double the hourly rate of wage.
- K. On Monday through Friday hours worked outside 4:00 am and 5:00 pm, and the first two (2) hours after eight (8) hours worked shall be paid at one and one-half times the hourly rate. All hours worked over 10 hours per day Monday through Friday, and all hours worked on Saturdays, Sundays, and Holidays worked shall be paid at double the hourly rate of wage.
- L. An employee working outside 5:00 am and 5:00 pm shall receive an additional two dollar (\$2.00) per hour for all hours worked that shift. All hours worked on holidays shall be paid at one and one-half 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.
- M. 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.
- Work performed outside the normal work hours of 5:00 a.m. and 6:00 p.m. shall be paid at one and one-half (1-1/2) times the straight time rate, (except for special shifts or multiple shift operations). When the first shift of a multiple shift (a two or three shift) operation is started at the basic straight time rate or at a specific overtime rate, all shifts of that day's operation shall be completed at that rate. When due to conditions beyond the control of the Employer or when contract specifications require that work can only be performed outside the regular day shift of 5:00 am to 6:00 pm, then a special shift may be worked at the straight time rate, plus the shift pay premium when applicable. The starting time of work will be arranged to fit such conditions of work. Such shift shall consist of eight (8) hours work for eight (8) hours pay or ten (10) hours work for ten (10) hours pay for four ten shifts.
- 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. All work performed after 6:00 pm Saturday to 5:00 am Monday, all work performed over twelve (12) hours, and all work performed on holidays shall be paid at double the straight time rate of pay.
- Shift Pay Premium: In an addition to any overtime already required, all hours worked between the hours of 6:00 pm and 5:00 am shall receive an additional two dollars (\$2.00) per hour.
- N. All work performed over twelve hours in a shift and all work performed on Sundays and Holidays shall be paid at double the straight time rate.
- Any time worked over eight (8) hours on Saturday shall be paid double the straight time rate, except employees assigned to work six 10-hour shifts per week shall be paid double the straight time rate for any time worked on Saturday over 10 hours.

**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).
- 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).
- 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).
6. 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).

**Holiday Codes Continued**

6. 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.
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.
- 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.

**Holiday Codes Continued**

7. J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last 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.
- 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.
- 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.
- V. Holidays: New Year's Day, President's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, the day before or after Christmas, and the day before or after New Year's Day. If any of the above listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- W. Holidays: New Year's Day, Day After New Year's, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Eve Day, Christmas Day, the day after Christmas, the day before New Year's Day, and a Floating Holiday.
- X. Holidays: New Year's Day, Day before or after New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day before or after Christmas day. If a holiday falls on a Saturday or on a Friday that is the normal day off, then the holiday will be taken on the last normal workday. If the holiday falls on a Monday that is the normal day off or on a Sunday, then the holiday will be taken on the next normal workday.
- Y. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day. (8) If the holiday falls on a Sunday, then the day observed by the federal government shall be considered a holiday and compensated accordingly.
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, Christmas Eve, and Christmas Day (9). Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday. Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

**Holiday Codes Continued**

15. G. New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, the last scheduled workday before Christmas, and Christmas Day (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.
- 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.

**Note Codes**

8. 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.
- 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.

**Note Codes Continued**

8. U. Workers on hazmat projects receive additional hourly premiums as follows – Class A Suit: \$2.00, Class B Suit: \$1.50, And Class C Suit: \$1.00. Workers performing underground work receive an additional \$0.40 per hour for any and all work performed underground, including operating, servicing and repairing of equipment. The premium for underground work shall be paid for the entire shift worked. Workers who work suspended by a rope or cable receive an additional \$0.50 per hour. The premium for work suspended shall be paid for the entire shift worked. Workers who do “pioneer” work (break open a cut, build road, etc.) more than one hundred fifty (150) feet above grade elevation receive an additional \$0.50 per hour.
- V. In addition to the hourly wage and fringe benefits, the following depth and enclosure premiums shall be paid. The premiums are to be calculated for the maximum depth and distance into an enclosure that a diver reaches in a day. The premiums are to be paid one time for the day and are not used in calculating overtime pay.
- 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 101' to 150' - \$3.00 per foot for each foot over 101 feet. Over 151' to 220' - \$4.00 per foot for each foot over 220 feet. Over 221' - \$5.00 per foot for each foot over 221 feet.
- Enclosure premiums apply when divers enter enclosures (such as pipes or tunnels) where there is no vertical ascent and is measured by the distance travelled from the entrance. 25' to 300' - \$1.00 per foot from entrance. 300' to 600' - \$1.50 per foot beginning at 300'. Over 600' - \$2.00 per foot beginning at 600'.
- W. Meter Installers work on single phase 120/240V self-contained residential meters. The Lineman/Groundmen rates would apply to meters not fitting this description.
- X. 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. Special Shift Premium: Basic hourly rate plus \$2.00 per hour.
- When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications requires that work can only be performed outside the normal 5 am to 6pm shift, then the special shift premium will be applied to the basic hourly rate. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in OT or Double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)
- Y. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay.
- Swinging Stage/Boatswains Chair: Employees working on a swinging state or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.
- Z. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.
- Special Shift Premium: Basic hourly rate plus \$2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as a contractor), a government agency or the contract specifications require that more than (4) hours of a special shift can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they will be paid a special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

**Note Codes Continued**

9. A. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.
- Special Shift Premium: Basic hourly rate plus \$2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications require that more than four (4) hours of a special shift can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)
- Certified Crane Operator Premium: Crane operators requiring certifications shall be paid \$0.50 per hour above their classification rate.
- Boom Pay Premium: All cranes including tower shall be paid as follows based on boom length:
- (A) – 130' to 199' – \$0.50 per hour over their classification rate.  
 (B) – 200' to 299' – \$0.80 per hour over their classification rate.  
 (C) – 300' and over – \$1.00 per hour over their classification rate.
- B. 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.
- Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.
- C. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.
- 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.
- D. Industrial Painter wages are required for painting within industrial facilities such as treatment plants, pipelines, towers, dams, bridges, power generation facilities and manufacturing facilities such as chemical plants, etc., or anywhere abrasive blasting is necessary to prepare surfaces, or hazardous materials encapsulation is required.
- E. Heavy Construction includes construction, repair, alteration or additions to the production, fabrication or manufacturing portions of industrial or manufacturing plants, hydroelectric or nuclear power plants and atomic reactor construction. 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.
- F. Industrial Painter wages are required for painting within industrial facilities such as treatment plants, pipelines, towers, dams, power generation facilities and manufacturing facilities such as chemical plants, etc., or anywhere abrasive blasting is necessary to prepare surfaces, or hazardous materials encapsulation is required.

**Note Codes Continued**

- 9. H. One (1) person crew shall consist of a Party Chief. (Total Station or similar one (1) person survey system). Two (2) person survey party shall consist of a least a Party Chief and a Chain Person. Three (3) person survey party shall consist of at least a Party Chief, an Instrument Person, and a Chain Person.

**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.		X
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).	X	
10. Major Structural Steel Fabrication - Fabrication of major steel items such as trusses, beams, girders, etc., for bridges.	X	
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.	X	
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).		X
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..	X	
14. Precast Manhole Types 1, 2, and 3 with cones, adjustment sections and flat top slabs. See Std. Plans.		X
15. Precast Drywell Types 1, 2, and with cones and adjustment Sections. See Std. Plans.		X
16. Precast Catch Basin - Catch Basin type 1, 1L, 1P, and 2 With adjustment sections. See Std. Plans.		X

ITEM DESCRIPTION	YES	NO
17. Precast Concrete Inlet - with adjustment sections, See Std. Plans		X
18. Precast Drop Inlet Type 1 and 2 with metal grate supports. See Std. Plans.		X
19. Precast Grate Inlet Type 2 with extension and top units. See Std. Plans		X
20. Metal frames, vaned grates, and hoods for Combination Inlets. See Std. Plans		X
21. Precast Concrete Utility Vaults - Precast Concrete utility vaults of various sizes. Used for in ground storage of utility facilities and controls. See Contract Plans for size and construction requirements. Shop drawings are to be provided for approval prior to casting		X
22. Vault Risers - For use with Valve Vaults and Utilities  X Vaults.		X
23. Valve Vault - For use with underground utilities. See Contract Plans for details.		X
24. Precast Concrete Barrier - Precast Concrete Barrier for use as new barrier or may also be used as Temporary Concrete Barrier. Only new state approved barrier may be used as permanent barrier.		X
25. Reinforced Earth Wall Panels – Reinforced Earth Wall Panels in size and shape as shown in the Plans. Fabrication plant has annual approval for methods and materials to be used. See Shop Drawing. Fabrication at other locations may be approved, after facilities inspection, contact HQ. Lab.	X	
26. Precast Concrete Walls - Precast Concrete Walls - tilt-up wall panel in size and shape as shown in Plans. Fabrication plant has annual approval for methods and materials to be used	X	

ITEM DESCRIPTION	YES	NO
27. Precast Railroad Crossings - Concrete Crossing Structure Slabs.	X	
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	X	
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	X	
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	X	
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.	X	
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	X	
33. Monument Case and Cover See Std. Plan.		X

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.	X	
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.	X	
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.	X	
37. Steel Sign Post - Fabricated Steel Sign Posts as detailed in Std Plans. Shop drawings for approval are to be provided prior to fabrication		X
38. Light Standard-Prestressed - Spun, prestressed, hollow concrete poles.	X	
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.	X	
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	X	
41. Precast Concrete Sloped Mountable Curb (Single and DualFaced) See Std. Plans.		X

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. <b>NOTE: *** Fabrication inspection required. Only signs tagged "Fabrication Approved" by WSDOT Sign Fabrication Inspector to be installed</b>	X	X
	Custom Message	Std Signing Message
43. Cutting & bending reinforcing steel		X
44. Guardrail components	X	X
	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		X
48. Electrical wiring/components		X
49. treated or untreated timber pile		X
50. Girder pads (elastomeric bearing)	X	
51. Standard Dimension lumber		X
52. Irrigation components		X

ITEM DESCRIPTION	YES	NO
53. Fencing materials		X
54. Guide Posts		X
55. Traffic Buttons		X
56. Epoxy		X
57. Cribbing		X
58. Water distribution materials		X
59. Steel "H" piles		X
60. Steel pipe for concrete pile casings		X
61. Steel pile tips, standard		X
62. Steel pile tips, custom	X	

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 ALMOTA ROAD, C.R.P. No. 8000-10, FEDERAL AID No. STPR-I382(006) as shown in the contract plans, 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.	REMOVAL OF STRUCTURE AND OBSTRUCTION	1	L.S.	LUMP SUM	
4.	REMOVING GUARDRAIL	100	L.F.		
5.	REMOVING GUARDRAIL ANCHOR	4	EACH		
6.	ROADWAY EXCAVATION INCL. HAUL	35,720	C.Y.		
7.	CONTROLLED BLASTING OF ROCK FACE	350	L.F.		
8.	EMBANKMENT COMPACTION	11,980	C.Y.		
9.	SHOT ROCK EMBANKMENT COMPACTION	11,340	C.Y.		
10.	PLAIN ST. CULV. APPROACH PIPE 0.064 IN. TH. 18 IN. DIAM.	395	L.F.		
11.	PLAIN ST. CULV. PIPE 0.064 IN. TH. 24 IN. DIAM.	500	L.F.		
12.	PLAIN ST. CULV. APPROACH PIPE 0.064 IN. TH. 24 IN. DIAM.	50	L.F.		
13.	PLAIN ST. CULV. PIPE 0.064 IN. TH. 36 IN. DIAM.	180	L.F.		
14.	PLAIN ST. CULV. PIPE 0.138 IN. TH. 72 IN. DIAM.	125	L.F.		
15.	ST. STR. PLATE PIPE ARCH 10 GAGE 10 FT. 3 IN. SPAN	155	L.F.		
16.	CRUSHED 4" MINUS	29,450	TON		
17.	CRUSHED SURFACING TOP COURSE	18,120	TON		
18.	HMA CL. 1/2 IN. PG 64-28	5,430	TON		
19.	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1	CALC	(\$1.00)	(\$1.00)
20.	COMPACTION PRICE ADJUSTMENT	1	CALC	(\$1.00)	(\$1.00)
21.	SILT FENCE	1,700	L.F.		
22.	ESC LEAD	15	DAY		
23.	SEEDING, FERTILIZING, AND MULCHING	5	ACRE		
24.	HIGH VISIBILITY FENCE	9,750	L.F.		
25.	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL	9	EACH		
26.	BEAM GUARDRAIL TYPE 31-STEEL POST	1,825	L.F.		

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	PRICE PER UNIT	TOTAL PRICE
27.	BEAM GUARDRAIL TRANSITION SECTION TYPE 23	4	EACH		
28.	BEAM GUARDRAIL ANCHOR TYPE 11	1	EACH		
29.	PAINT LINE	33,240	L.F.		
30.	FLEXIBLE GUIDE POST	150	EACH		
31.	TEMPORARY PAVEMENT MARKING - SHORT DURATION	11,080	L.F.		
32.	TRAFFIC CONTROL SUPERVISOR	1	L.S.	LUMP SUM	
33.	FLAGGERS	1,640	HOUR		
34.	CONSTRUCTION SIGNS CLASS A	486	S.F.		
35.	OTHER TRAFFIC CONTROL LABOR	310	HOUR		
36.	STRUCTURE EXCAVATION CLASS B INCL. HAUL	1,800	C.Y.		
37.	SHORING OR EXTRA EXCAVATION CLASS B	4,900	S.F.		
38.	WATER	2,500	MGAL		
39.	ROADWAY SURVEYING	1	L.S.	LUMP SUM	
40.	TRAINING	400	HOUR		
41.	MONUMENT CASE AND COVER	5	EACH		
42.	TRIMMING AND CLEANUP	1	L.S.	LUMP SUM	
43.	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION	14,000	S.Y.		
44.	MAILBOX SUPPORT TYPE 1	6	EACH		
45.	WORK ZONE SAFETY CONTINGENCY	1	EST.	\$25,000.00	\$25,000.00
46.	AGGREGATE COMPLIANCE PRICE ADJUSTMENT	1	CALC	(\$1.00)	(\$1.00)
47.	SPCC PLAN	1	L.S.	LUMP SUM	
48.	REMOVE EXISTING FENCE	175	L.F.		
49.	RESET EXISTING FENCE	175	L.F.		
50.	GEOSYNTHETIC REINFORCED SOIL BRIDGE ABUTMENT	1	L.S.	LUMP SUM	
BASIS OF AWARD: TOTAL BID ITEMS 1-50					

**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.



# Instructions for Disadvantaged Business Enterprise Utilization Certification Form

Box 1: Name of Bidder (Proposal holder) submitting Bid.

Box 2: Name of the Project.

Column 1: Name of the Disadvantaged Business Enterprise (DBE). DBE firms can be found using the Diversity Management and Compliance System web page: <https://wsdot.diversitycompliance.com>. Repeat the name of the DBE for each Project Role that will be performed.

Column 2: The Project Role that the DBE will be performing as follows;

- Prime Contractor
- Subcontractor
- Subcontractor (Force Account)
  - Work sublet as Force Account must be listed separately.
- Manufacturer
- Regular Dealer
  - Work sublet to a Regular Dealer must be listed separately.
  - Regular Dealer status must be approved prior to Bid submittal by the Office of Equal Opportunity, Washington State Department of Transportation, on each Contract.
- Broker
  - Work sublet to a Broker must be listed separately.

List each project role to be performed by a single DBE individually on a separate row. The role is used to determine what portion of the amount to be subcontracted (Column 4) may be applied toward meeting the goal (column 5).

Column 3: Provide a description of work to be performed by the DBE. The work to be performed must be consistent with the Certified Business Description of the DBE provided at the Diversity Management and Compliance System web page <https://wsdot.diversitycompliance.com>

- A Bidder subletting a portion of a bid item shall state “**Partial**” and describe the Work that is included.
  - For example; “Electrical (Partial) – Trenching”.
- “Mobilization” will not be accepted as a description of Work.

Column 4: List the total amount to be subcontracted to each DBE for each Project Role they are performing.

Column 5: This is the dollar amount for each line listed in the certification that the prime intends to apply towards meeting the COA Contract goal. It may be that only a portion of the amount subcontracted to a DBE in Column 4 is eligible to be credited toward meeting the goal **See Note 1, Note 2, Note 3**. The Contracting Agency will utilize the sum of this column (Box 4) to determine whether or not the bidder has met the goal. In the event of an arithmetic error in summing column 5 or an error in making appropriate reductions in the amounts in column four, **See Note 1, Note 2, Note 3**, then the mathematics will be corrected and the total (Box 4) will be revised accordingly.

**Note 1:** For Work sublet as Force Account the bidder **may only claim 50%** of the amount subcontracted (Column 4) towards meeting the goal (Column 5). This information will be used to demonstrate that the DBE contract goal is met at the time that the bidder submits their bid. For example; amount sublet as force account = \$100,000 (Column 4) equates to  $(\$100,000 \times 50\%) = \$50,000$  (Column 5) to be applied towards the goal.

**Note 2:** For Work sublet to a Regular Dealer the bidder **may only claim 60%** of the cost of the materials or supplies (Column 4) towards meeting the goal (Column 5). For example; Material cost = \$100,000 (Column 4) equates to  $(\$100,000 \times 60\%) = \$60,000$  (Column 5) to be applied towards the goal

**Note 3:** For Work sublet to a Broker the bidder **may only claim the fees** paid to a Broker towards meeting the goal (Column 4). For example; amount sublet to a broker = \$100,000 (Column 4) equates to  $(\$100,000 \times \text{reasonable fee } \%) = \$$  (Column 5) to be applied towards the goal.

Box 3: Box 3 is the COA Contract goal which is the minimum required DBE participation. The goal stated in the Contract will be in terms of a dollar amount or a percentage in the Contract. When expressed as a percentage you must multiply the percentage times the sum total of all bid items as submitted in the Bidder's Proposal to determine the dollar goal and write it in Box 3. In the event of an error in this box, the Contracting Agency will revise the amount accordingly.

Box 4: Box 4 is the sum of the values in column 5. **This value must equal or exceed the COA Contract goal amount written in Box 3 or;**

Box 5: Check Box 5 if insufficient DBE Participation has been achieved and a good faith effort is required. Refer to the subsection titled, *Selection of Successful Bidder/Good Faith Efforts (GFE)* in the Contract.

**See the *Disadvantaged Business Enterprise Participation* specification in the Contract for more information.**

See Contract Provisions: *DBE Document Submittal Requirements*  
*Disadvantaged Business Enterprise Participation*

THIS FORM SHALL ONLY BE SUBMITTED TO A DBE THAT IS LISTED ON THE CONTRACTOR'S DISADVANTAGED BUSINESS ENTERPRISE UTILIZATION CERTIFICATION.

THE CONTRACTOR SHALL COMPLETE PART A PRIOR TO SENDING TO THE DBE.

---

**PART A: To be completed by the bidder**

The entries below shall be consistent with what is shown on the Bidder's Disadvantaged Business Enterprise Utilization Certification. Failure to do so will result in Bid rejection.

Contract Title: \_\_\_\_\_

Bidder's Business Name: \_\_\_\_\_

DBE's Business Name: \_\_\_\_\_

Description of DBE's Work: \_\_\_\_\_

Dollar Amount to be Applied Towards DBE Goal: \_\_\_\_\_

Dollar Amount to be Subcontracted to DBE\*: \_\_\_\_\_  
\*Optional Field

---

**PART B: To be completed by the Disadvantaged Business Enterprise**

As an authorized representative of the Disadvantaged Business Enterprise, I confirm that we have been contacted by the Bidder with regard to the referenced project for the purpose of performing the Work described above. If the Bidder is awarded the Contract, we will enter into an agreement with the Bidder to participate in the project consistent with the information provided in Part A of this form.

Name (printed): \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_



## Instructions for Disadvantaged Business Enterprise (DBE) Bid Item Breakdown Form

Box 1: Provide the Contract Number as stated in the project information webpage.

Box 2: Provide the Name of the project as stated in the project information webpage.

Box 3: Provide the Name of the bidder (Proposal holder) submitting Bid.

Box 4: Provide the name of the prime contractor's representative available to contact regarding this form.

Box 5: Provide the phone number of the prime contractor's representative available to contact regarding this form.

Box 6: Provide the email of the prime contractor's representative available to contact regarding this form.

Column 1: Provide the Name of the Disadvantaged Business Enterprise (DBE) Firm. DBE Firms can be found using the search tools under the Firm Certification section of the Diversity Management and Compliance System (DMCS) webpage <https://wsdot.diversitycompliance.com>.

Column 2: Provide the Bid Item Number (as it appears in the engineer's estimate bid check report) available on the project information webpage.

Column 3: If the DBE is performing only part of the bid item, mark "Partial". If the DBE is performing the entire bid item, mark "Complete".

Column 4: Provide the estimated quantity for the specific bid item. For trucking firms, use hour or another unit of measure.

Column 5: Provide a description of the work to be performed by the DBE.

Column 6: Provide the price per unit and specify the type of unit used. For trucking firms, use hour or another unit of measure.

Column 7: Provide the estimated total unit cost amount per bid item.

Column 8: Provide the amount of the bid item being used to fulfil the DBE goal. The work to be performed must be consistent with the Certified Business Description of the DBE provided in the DMCS webpage <https://wsdot.diversitycompliance.com>. Mobilization up to 10% is acceptable. If mobilization is more than 10% additional information and/or justification may be requested. The total amount shown for each DBE shall match the amount shown on the DBE Utilization Certification Form.

**Use Additional Sheets if necessary.**



# Disadvantaged Business Enterprise (DBE) Trucking Credit Form

## PART A: TO BE COMPLETED BY THE BIDDER

This form is in support of the trucking commitment identified on the DBE Utilization Certification Form submitted with the proposal. Please note that DBE's must be certified prior to time of submittal.

Federal Aid #	Contract #	Project Name
If listing items by hours, or by lump sum amounts, please provide calculations to substantiate the quantities listed.		
Bid Item	Item Description	

**Use additional sheets as necessary.**

Bidder		Name/Title (please print)
Phone	Fax	Signature
Address		
		I certify that the above information is complete and accurate.
Email		Date

## PART B: TO BE COMPLETED BY THE DBE TRUCKING FIRM

**Note:** DBE trucking firm participation may only be credited as DBE participation for the value of the hauling services, not for the materials being hauled unless the trucking firm is also recognized as a supplier of the materials used on the project and approved for this project as a regular dealer.

- Type of Material expected to be hauled? \_\_\_\_\_
- Number of fully operational trucks expected to be used on this project? \_\_\_\_\_ Tractor/trailers: \_\_\_\_\_ Dump trucks: \_\_\_\_\_
- Number of trucks and trailers owned by the DBE that will be used on this project? \_\_\_\_\_ Tractor/trailers: \_\_\_\_\_ Dump trucks: \_\_\_\_\_
- Number of trucks and trailers leased by the DBE that will be used on this project? \_\_\_\_\_ Tractor/trailers: \_\_\_\_\_ Dump trucks: \_\_\_\_\_

DBE Firm Name		Name/Title (please print)
Certification Number		
Phone	Fax	Signature
Address		
		I certify that the above information is complete and accurate.
Email		Date

Submit this form to in accordance with section 1-02.9 of the Contract.

Instruction to Bidder: The Bidder shall complete and submit the Disadvantaged Business Enterprise (DBE) Trucking Credit Form in accordance with Section 1-02.9 of the Contract.

## INSTRUCTIONS

**Please note – All Fields are required**

### **PART A: TO BE COMPLETED BY THE BIDDER**

**Federal Aid:** Include the project federal-aid number.

**County:** Specify the County where the project will take place.

**Contract #:** Specify the Project Contract Number which can be found in the Engineer's estimate bid check report.

**Bid Item:** Provide the Bid Item Number (as it appears in the engineer's estimate bid check report) for which trucking services will be utilized.

**Item Description:** Provide description of the bid item (as it appears in the engineer's estimate bid check report) for which trucking will be utilized.

**Bidder:** In this section, provide the bidder's legal name, title, Business address, Phone and email.

**The bidder's representative signature is required in addition to the date the form was signed.**

### **PART B: TO BE COMPLETED BY THE DBE TRUCKING FIRM**

Question 1: Specify type of material that will be hauled (i.e. Sand, HMA, gravel)

Question 2: Specify the total number of operational trucks that will be used on the project.

Question 3: Specify the total number of operational trucks and trailers owned by the DBE that will be used on the project.

Question 4: Specify the total number of operational trucks and trailers leased by the DBE that will be used on the project.

DBE Firm: In this section, provide the DBE Firm's legal name, DBE Firm's representative legal name and title, certification Number (Found in the firm's OMWBE Profile page in the OMWBE directory), Business address, Phone, fax and email.

**The DBE Firm's representative signature is required in addition to the date the form was signed.**

Whitman County
N. 400 Main Street Colfax, WA 99111

# Local Agency Subcontractor List

*Prepared in compliance with RCW 39.30.060 as amended*

## To Be Submitted with the Bid Proposal

Project Name Countywide Sealcoat 2022

**Failure to list subcontractors with whom the bidder, if awarded the contract, will directly subcontract for performance of the work of structural steel installation, rebar installation, heating, ventilation and air conditioning, plumbing, as described in Chapter 18.106 RCW, and electrical, as described in Chapter 19.28 RCW or naming more than one subcontractor to perform the same work will result in your bid being non-responsive and therefore void.**

Subcontractor(s) with whom the bidder will directly subcontract that are proposed to perform the work of structural steel installation, rebar installation, heating, ventilation and air conditioning, plumbing, as described in Chapter 18.106 RCW, and electrical as described in Chapter 19.28 RCW must be listed below. The work to be performed is to be listed below the subcontractor(s) name.

**To the extent the Project includes one or more categories of work referenced in RCW 39.30.060, and no subcontractor is listed below to perform such work, the bidder certifies that the work will either (i) be performed by the bidder itself, or (ii) be performed by a lower tier subcontractor who will not contract directly with the bidder.**

Subcontractor Name \_\_\_\_\_  
 Work to be performed \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Subcontractor Name \_\_\_\_\_  
 Work to be performed \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Subcontractor Name \_\_\_\_\_  
 Work to be performed \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Subcontractor Name \_\_\_\_\_  
 Work to be performed \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Subcontractor Name \_\_\_\_\_  
 Work to be performed \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\* Bidder's are notified that it is the opinion of the enforcement agency that PVC or metal conduit, junction boxes, etc, are considered electrical equipment and therefore considered part of electrical work, even if the installation is for future use and no wiring or electrical current is connected during the project.

**Contractor Certification  
Wage Law Compliance - Responsibility Criteria  
Washington State Public Works Contracts**

**FAILURE TO RETURN THIS CERTIFICATION AS PART OF THE BID PROPOSAL PACKAGE WILL MAKE THIS BID NONRESPONSIVE AND INELIGIBLE FOR AWARD**

I hereby certify, under penalty of perjury under the laws of the State of Washington, on behalf of the firm identified below that, to the best of my knowledge and belief, this firm has NOT been determined by a final and binding citation and notice of assessment issued by the Washington State Department of Labor and Industries or through a civil judgment entered by a court of limited or general jurisdiction to have willfully violated, as defined in RCW 49.48.082, any provision of RCW chapters 49.46, 49.48, or 49.52 within three (3) years prior to the date of the Call for Bids.

**Bidder Name:** \_\_\_\_\_

Name of Contractor/Bidder - Print full legal entity name of firm

**By:** \_\_\_\_\_

Signature of authorized person

\_\_\_\_\_

Print Name of person making certifications for firm

**Title:** \_\_\_\_\_

Title of person signing certificate

**Place:** \_\_\_\_\_

Print city and state where signed

**Date:** \_\_\_\_\_

# 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 State Treasurer
- Proposal Bond  In the Amount of 5% of the Bid

Receipt is hereby acknowledged of addendum(s) No.(s) \_\_\_\_\_, \_\_\_\_\_ & \_\_\_\_\_

Signature of Authorized Official(s)

\_\_\_\_\_

\_\_\_\_\_

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 \_\_\_\_\_ 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.**



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 \_\_\_\_\_ 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)

\_\_\_\_\_

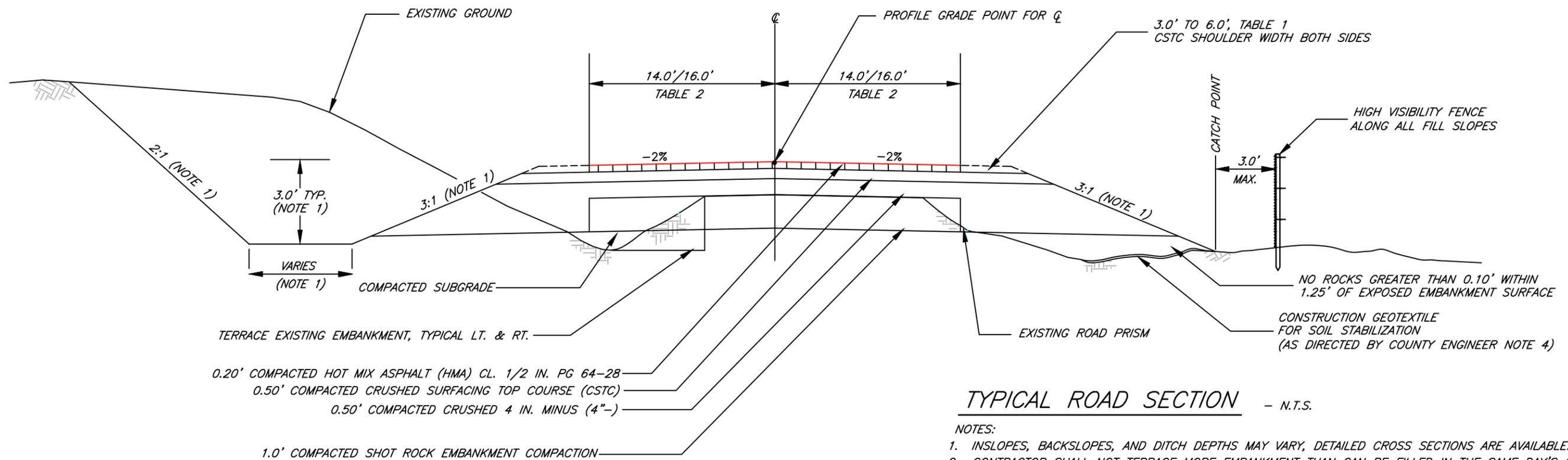
(Surety)

\_\_\_\_\_

(Attorney-in-fact)







**TYPICAL ROAD SECTION - N.T.S.**

**NOTES:**

1. INSLOPES, BACKSLOPES, AND DITCH DEPTHS MAY VARY, DETAILED CROSS SECTIONS ARE AVAILABLE.
2. CONTRACTOR SHALL NOT TERRACE MORE EMBANKMENT THAN CAN BE FILLED IN THE SAME DAY'S OPERATION.
3. CONTRACTOR SHALL NOT PLACE MORE SHOT ROCK EMBANKMENT THAN CAN BE COVERED WITH 0.2' MIN. OF CRUSHED 4 IN. MINUS IN THE SAME DAY'S OPERATION.
4. CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION MAY BE REQUIRED TO STABILIZE SOME SHOULDER FILLS.
5. ALL DESIGN SUBSURFACES ARE PARALLEL TO THE FINISH SURFACE.
6. UPON COMPLETION OF ALL OTHER CONSTRUCTION ACTIVITIES SILT FENCE MAY BE REMOVED IN LOCATION NEEDED TO INSTALL STEEL POST BEAM GUARDRAIL TYPE 31.

LEFT	CENTERLINE STATION	RIGHT
3.00'	BOP 290+00.00	3.00'
3.00'	POC 310+09.00	3.00'
3.00'	POC 310+33.00	7.00'
3.00'	POC 310+34.00	7.00'
--	POC 310+50.00	7.00'
7.00'	POC 310+58.00	--
--	POC 310+99.00	3.00'
3.00'	POC 311+24.00	3.00'
3.00'	POC 311+76.00	3.00'
3.00'	POT 312+25.00	7.00'
3.00'	POC 312+42.00	7.00'
3.00'	POC 312+66.00	3.00'
3.00'	POT 319+51.00	3.00'
7.00'	POC 320+00.00	3.00'
7.00'	POC 320+17.00	3.00'
3.00'	POC 320+41.00	3.00'
3.00'	POC 349+34.00	3.00'
3.00'	POC 349+49.00	--
--	POC 349+58.00	7.00'
7.00'	POC 349+73.00	7.00'
7.00'	POC 349+75.00	7.00'
7.00'	POC 349+90.00	--

LEFT	CENTERLINE STATION	RIGHT
14.00'	BOP 290+00.00	14.00'
14.00'	POC 310+25.00	14.00'
14.00'	POC 310+50.00	16.00'
16.00'	POC 310+75.00	16.00'
16.00'	POT 312+25.00	14.00'
16.00'	POC 320+00.00	14.00'
14.00'	POC 320+25.00	14.00'
14.00'	POC 349+50.00	14.00'
14.00'	POC 349+75.00	16.00'
16.00'	POC 349+90.00	16.00'
16.00'	POC 352+80.00	16.00'
16.00'	POC 352+85.00	16.00'
14.00'	POC 353+10.00	14.00'
16.00'	POT 361+50.00	14.00'
16.00'	POC 370+50.00	14.00'
14.00'	POC 370+75.00	14.00'
14.00'	EOP 398+00.00	14.00'

LEFT	CENTERLINE STATION	RIGHT
--	POC 350+24.00	3.00'
3.00'	POC 350+39.00	3.00'
3.00'	POC 352+31.00	3.00'
3.00'	POC 352+36.00	--
--	POC 352+80.00	7.00'
7.00'	POC 352+85.00	7.00'
7.00'	POC 352+97.00	7.00'
7.00'	POC 353+02.00	--
3.00'	POC 353+26.00	--
3.00'	POC 353+35.00	3.00'
3.00'	POT 360+50.00	3.00'
3.00'	POT 360+65.00	6.00'
3.00'	POT 360+90.00	6.00'
3.00'	POT 361+05.00	3.00'
3.00'	POC 370+01.00	3.00'
7.00'	POC 370+50.00	6.00'
7.00'	POC 370+67.00	3.00'
3.00'	POC 370+91.00	3.00'
3.00'	POT 396+25.00	3.00'
3.00'	POT 396+40.00	6.00'
3.00'	POT 396+65.00	6.00'
3.00'	POT 396+80.00	3.00'

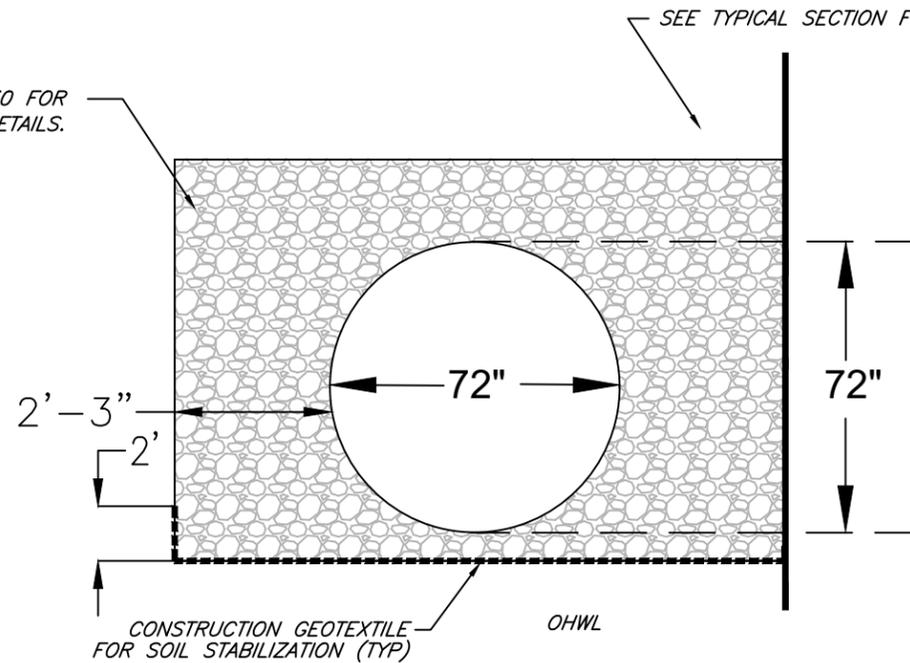
FEDERAL AID NO. STPR-1382(006)

APPROVED:



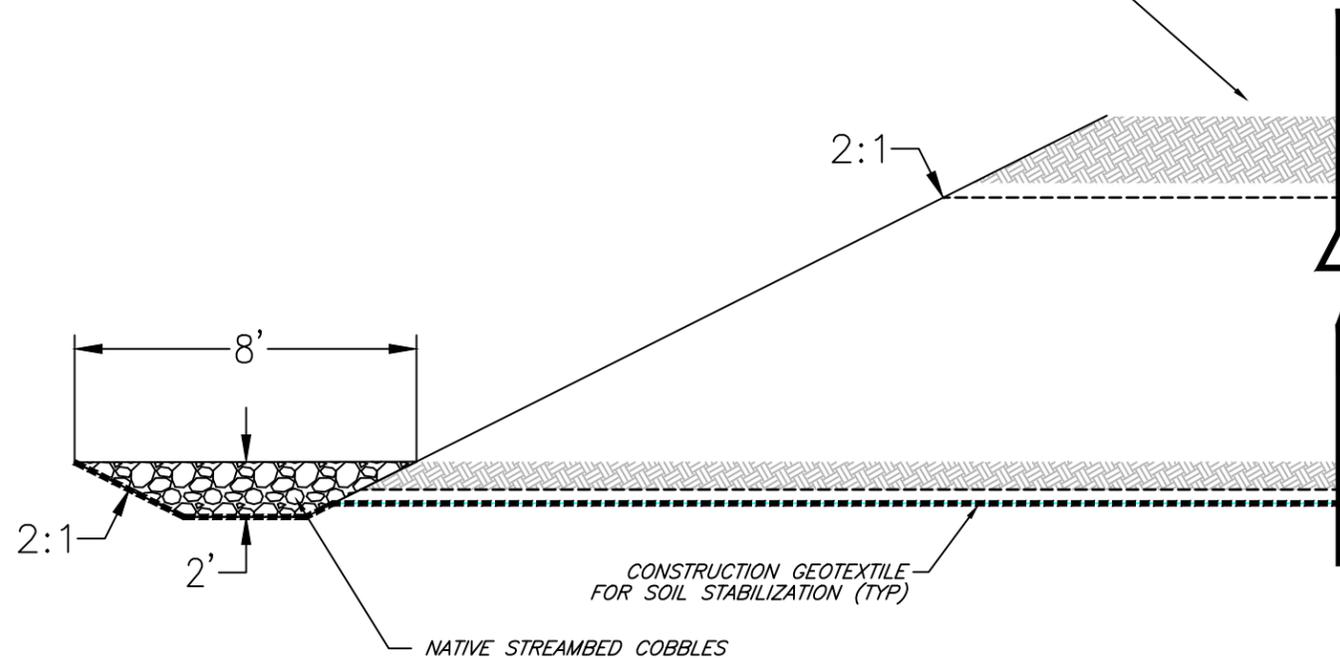
EXPIRES 08-16-23

SEE SHEET 16 OF 30 FOR  
PIPE TRENCH DETAILS.



SEE TYPICAL SECTION FOR SURFACING DETAILS

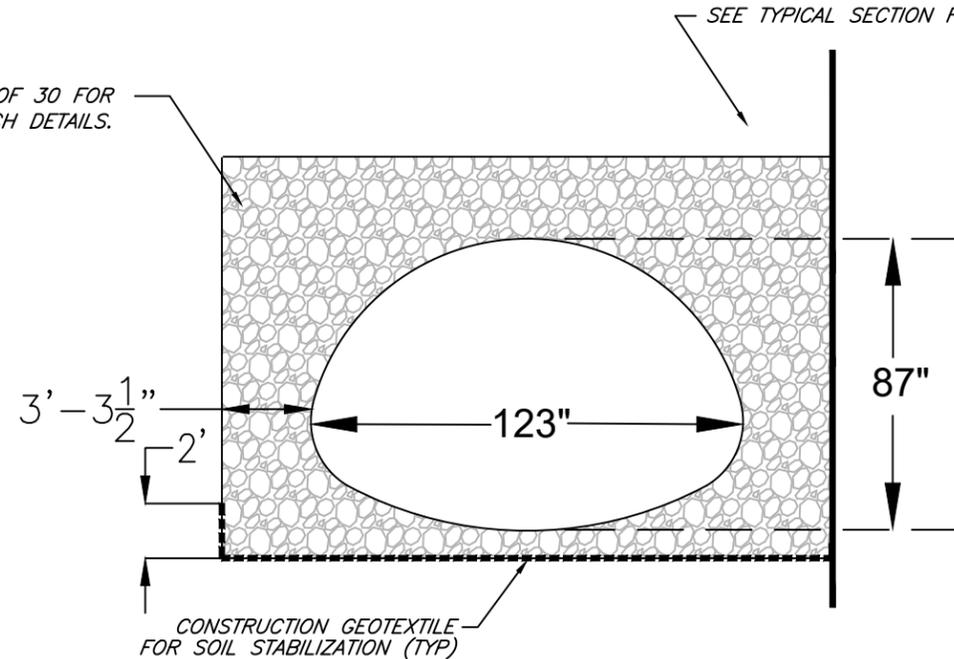
SEE TYPICAL SECTION FOR SURFACING DETAILS



**STA. 311+75 PIPE INLET DETAIL**

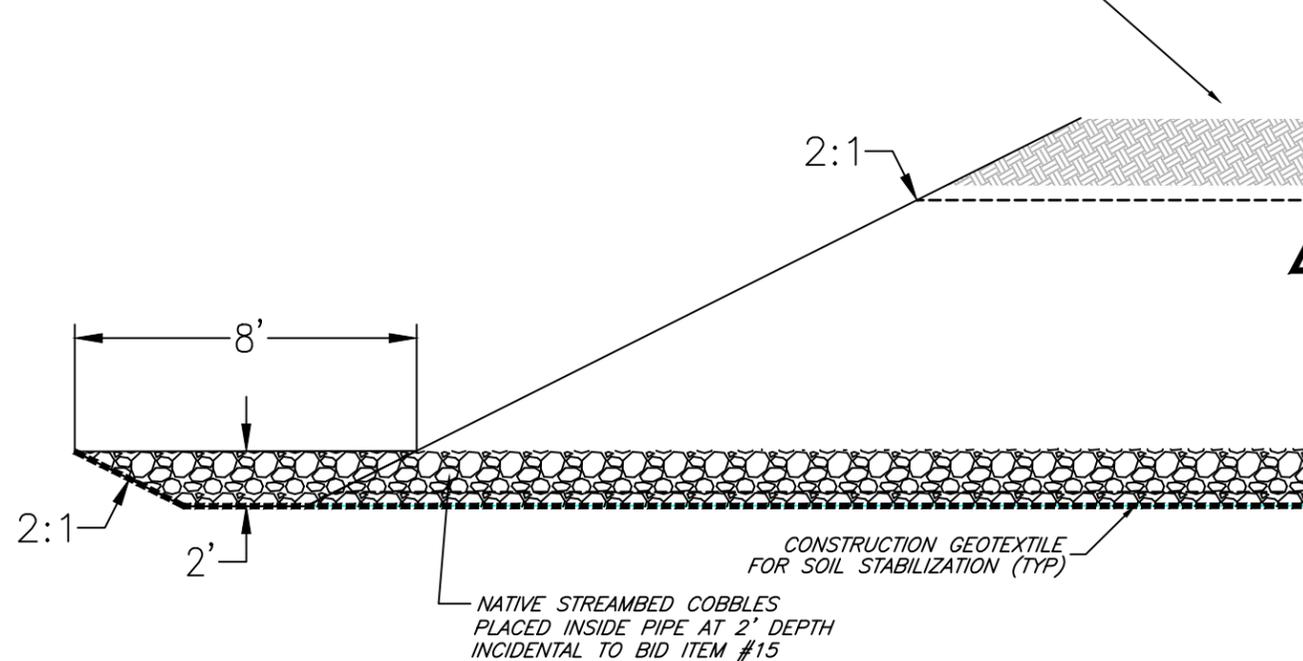
N.T.S.

SEE SHEET 16 OF 30 FOR  
PIPE TRENCH DETAILS.



SEE TYPICAL SECTION FOR SURFACING DETAILS

SEE TYPICAL SECTION FOR SURFACING DETAILS



**STA. 325+20 PIPE ARCH DETAIL**

N.T.S.

FEDERAL AID NO. STPR-1382(006)

APPROVED:



No.	Date	By	Ckd.	Appr.	Revision

Drawn By: D. CORNELISON Date: 12/2022  
 Designed By: D. CORNELISON Date: 12/2022  
 Checked By: M. STOREY Date: 12/2022

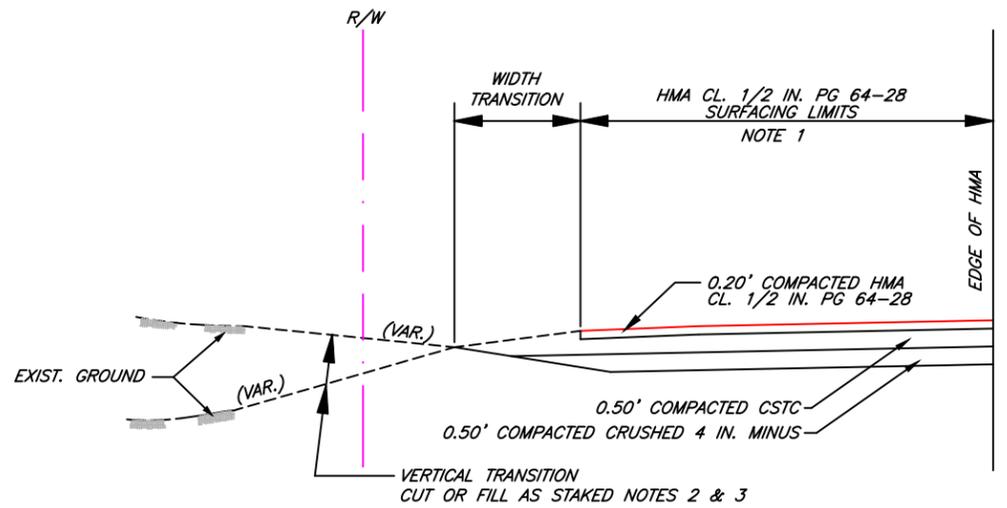
SCALE  
 HORIZONTAL: AS SHOWN  
 VERTICAL: AS SHOWN

WHITMAN COUNTY ENGINEER  
 310 N. MAIN ST.  
 COLFAX WA. 99111  
 (509) 397-6206

PLANS PREPARED UNDER THE  
 DIRECTION OF:  
 DEAN CORNELISON, P.E.  
 COUNTY ENGINEER  
 Date: 12/2022

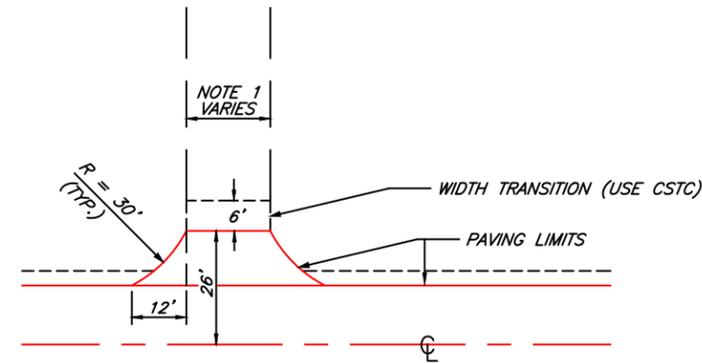
COUNTY ROAD PROJECT NO. 8000-10  
**PIPE DETAILS**  
 ALMOTA ROAD

SHEET  
 3 OF 30



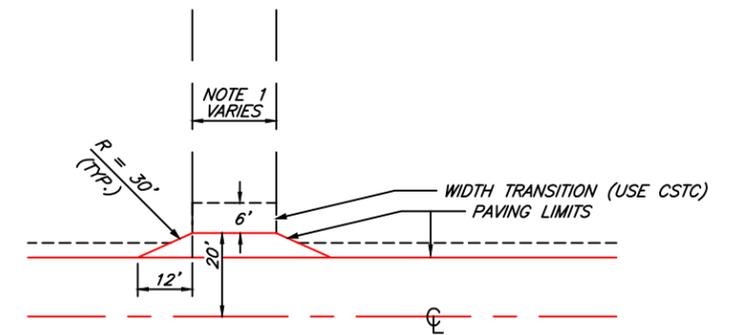
**TYPICAL GRAVEL APPROACH SECTION**

N.T.S.



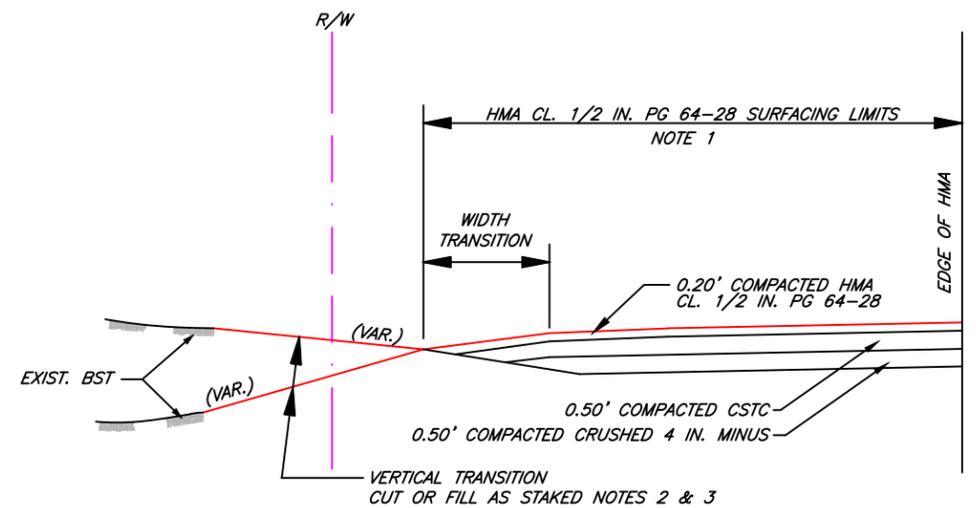
**TYPICAL GRAVEL APPROACH**

N.T.S.



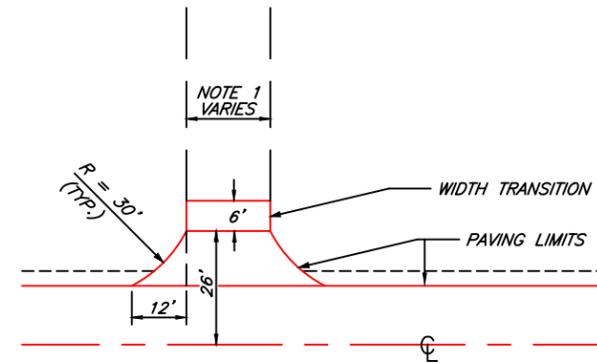
**TYPICAL FIELD APPROACH**

N.T.S.



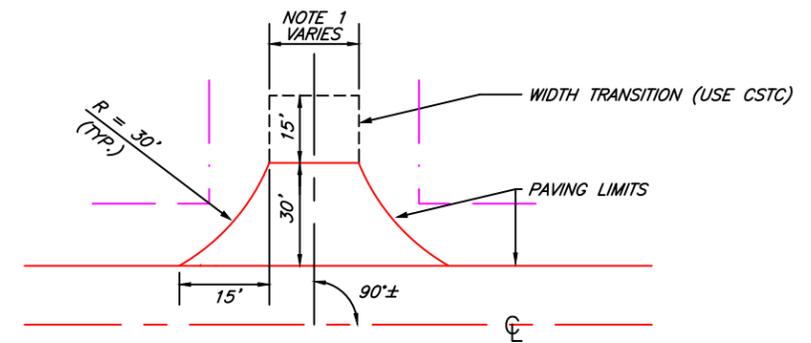
**TYPICAL HMA APPROACH SECTION**

N.T.S.



**TYPICAL HMA APPROACH**

N.T.S.



**COUNTY ROAD APPROACH**

N.T.S. - SEE NOTE 4

**NOTES:**

- 1.) TYPICAL APPROACH DIMENSIONS MAY BE MODIFIED IN THE FIELD TO MATCH EXISTING CONDITIONS.
- 2.) APPROACH LIMITS & TRANSITIONS WILL BE STAKED BY THE CONTRACTING AGENCY. WRITTEN ONE WEEK NOTICE SHALL BE GIVEN TO THE CONTRACTING AGENCY PRIOR TO APPROACH CONSTRUCTION.
- 3.) ADDITIONAL MATERIALS NEEDED TO ACCOMPLISH VERTICAL TRANSITIONS MUST BE CONSISTENT WITH THE EXISTING APPROACH MATERIALS. EMBANKMENT & EXCAVATION ARE INCIDENTAL TO BID ITEMS 6 & 8.
- 4.) APPROACH GRADE NOT TO EXCEED 4% IN THE FIRST 30' FROM EDGE OF HMA.

APPROVED:



FEDERAL AID NO. STPR-1382(006)

<table border="1"> <tr> <td>No.</td> <td>Date</td> <td>By</td> <td>Ckd.</td> <td>Appr.</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td colspan="5" style="text-align: center;">Revision</td> </tr> </table>					No.	Date	By	Ckd.	Appr.						Revision					Drawn By: <u>D. CORNELISON</u> Date: <u>12/2022</u> Designed By: <u>D. CORNELISON</u> Date: <u>12/2022</u> Checked By: <u>M. STOREY</u> Date: <u>12/2022</u>	<b>SCALE</b> HORIZONTAL: AS SHOWN VERTICAL: AS SHOWN	<b>WHITMAN COUNTY ENGINEER</b> 310 N. MAIN ST. COLFAX WA. 99111 (509) 397-6206	PLANS PREPARED UNDER THE DIRECTION OF: <b>DEAN CORNELISON, P.E.</b> COUNTY ENGINEER Date: <u>12/2022</u>	COUNTY ROAD PROJECT NO. 8000-10 <b>APPROACH DETAILS</b> ALMOTA ROAD	SHEET 4 OF 30
No.	Date	By	Ckd.	Appr.																					
Revision																									

## SUMMARY OF ESTIMATED QUANTITIES

ITEM NO.	STD ITEM NO.	UNIT	ITEM	TOTAL QUANTITY
<b>PREPARATION</b>				
1	0001	L.S.	MOBILIZATION	1
2	0035	L.S.	CLEARING AND GRUBBING	1
3	0050	L.S.	REMOVAL OF STRUCTURE AND OBSTRUCTION	1
4	0170	L.F.	REMOVING GUARDRAIL	100
5	0182	EACH	REMOVING GUARDRAIL ANCHOR	4
<b>GRADING</b>				
6	0310	C.Y.	ROADWAY EXCAVATION INCL. HAUL	35,720
7	0370	L.F.	CONTROLLED BLASTING OF ROCK FACE	350
8	0470	C.Y.	EMBANKMENT COMPACTION	11,980
9	--	C.Y.	SHOT ROCK EMBANKMENT COMPACTION	11,340
<b>DRAINAGE</b>				
10	1313	L.F.	PLAIN ST. CULV. APPROACH PIPE 0.064 IN. TH. 18 IN. DIAM.	395
11	1314	L.F.	PLAIN ST. CULV. PIPE 0.064 IN. TH. 24 IN. DIAM.	500
12	1314	L.F.	PLAIN ST. CULV. APPROACH PIPE 0.064 IN. TH. 24 IN. DIAM.	50
13	1316	L.F.	PLAIN ST. CULV. PIPE 0.064 IN. TH. 36 IN. DIAM.	180
14	1343	L.F.	PLAIN ST. CULV. PIPE 0.138 IN. TH. 72 IN. DIAM.	125
15	2443	L.F.	ST. STR. PLATE PIPE ARCH 10 GAGE 10FT. 3 IN. SPAN	155
<b>SURFACING</b>				
16	--	TON	CRUSHED 4" MINUS	29,450
17	5120	TON	CRUSHED SURFACING TOP COURSE	18,120
<b>HOT MIX ASPHALT</b>				
18	5767	TON	HMA CL. 1/2 IN. PG 64-28	5,430
19	5830	CALC	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1
20	5835	CALC	COMPACTION PRICE ADJUSTMENT	1
<b>EROSION CONTROL AND ROADSIDE RESTORATION</b>				
21	6373	L.F.	SILT FENCE	1,700
22	6403	DAY	ESC LEAD	15
23	6414	ACRE	SEEDING, FERTILIZING, AND MULCHING	5
24	6630	L.F.	HIGH VISIBILITY FENCE	9,750
<b>TRAFFIC</b>				
25	6719	EACH	BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL	9
26	6757	EACH	BEAM GUARDRAIL TYPE 31 - STEEL POST	1,825
27	6760	EACH	BEAM GUARDRAIL TRANSITION SECTION TYPE 23	4
28	6786	EACH	BEAM GUARDRAIL ANCHOR TYPE 11	1
29	6806	L.F.	PAINT LINE	33,240
30	6832	EACH	FLEXIBLE GUIDE POST	150
31	6895	L.F.	TEMPORARY PAVEMENT MARKING - SHORT DURATION	11,080
32	6974	L.S.	TRAFFIC CONTROL SUPERVISOR	1
33	6980	HOURLY	FLAGGERS	1,640
34	6982	S.F.	CONSTRUCTION SIGNS CLASS A	486
35	6992	HOURLY	OTHER TRAFFIC CONTROL LABOR	310
<b>OTHER ITEMS</b>				
36	7006	C.Y.	STRUCTURE EXCAVATION CLASS B INCL. HAUL	1,945
37	7008	S.F.	SHORING OR EXTRA EXCAVATION CLASS B	4,900
38	7018	MGAL	WATER	2,500
39	7038	L.S.	ROADWAY SURVEYING	1
40	7045	EACH	MONUMENT CASE AND COVER	5
41	7400	HR	TRAINING	400
42	7490	L.S.	TRIMMING AND CLEANUP	1
43	7552	S.Y.	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION	14,000
44	7562	EACH	MAILBOX SUPPORT TYPE 1	6
45	7572	EST.	WORK ZONE SAFETY CONTINGENCY	1
46	7732	CALC	AGGREGATE COMPLIANCE PRICE ADJUSTMENT	1
47	7736	L.S.	SPCC PLAN	1
48	--	L.F.	REMOVE EXISTING FENCE	175
49	--	L.F.	RESET EXISTING FENCE	175
50	--	L.S.	GEOSYNTHETIC REINFORCED SOIL BRIDGE ABUTMENT	1

NOTE: FOR SPECIAL FEATURES SEE SPECIAL PROVISIONS

No.	Date	By	Ckd.	Appr.	Revision

Drawn By: D. CORNELIUSON Date: 12/20/22  
 Designed By: D. CORNELIUSON Date: 12/20/22  
 Checked By: M. STORER Date: 12/20/22

SCALE: HORIZONTAL: AS SHOWN  
 VERTICAL: AS SHOWN

**WHITMAN COUNTY ENGINEER**  
 310 N. MAIN ST.  
 COLFAX, WA. 99111  
 (509) 387-6206

PLANS PREPARED UNDER THE  
 DIRECTION OF:  
**DEAN CORNELIUSON, P.E.**  
 COUNTY ENGINEER

**SUMMARY OF ESTIMATED QUANTITIES**  
 COUNTY ROAD PROJECT NO. 8000-10  
 ALMOZA ROAD

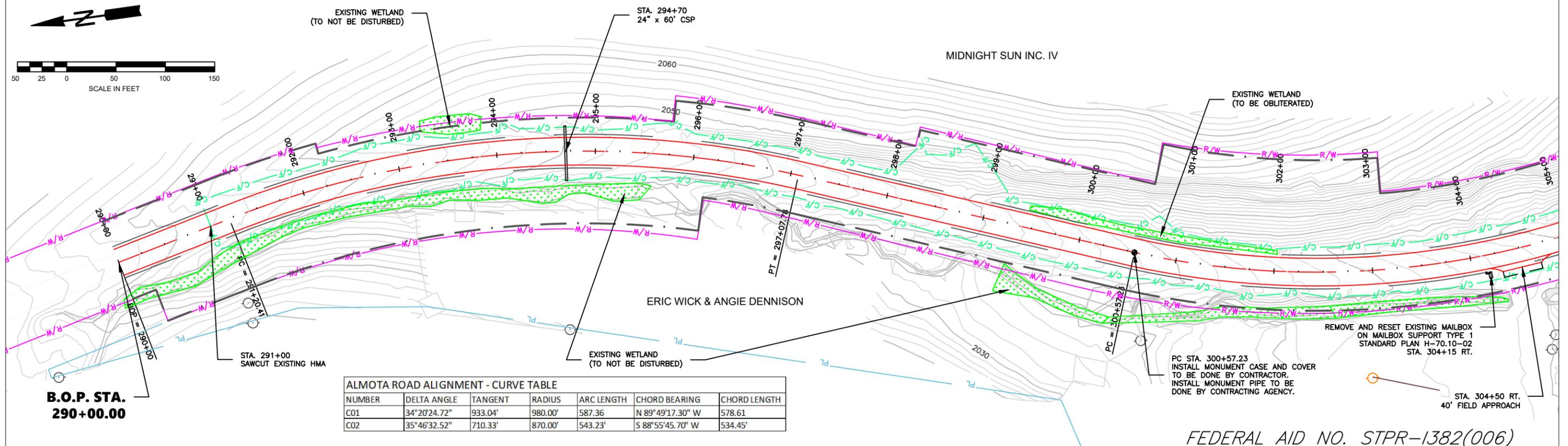
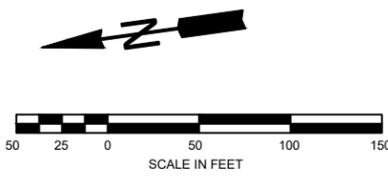
SHEET  
 5 OF 30

FEDERAL AID NO. STPR-1382(006)

APPROVED:



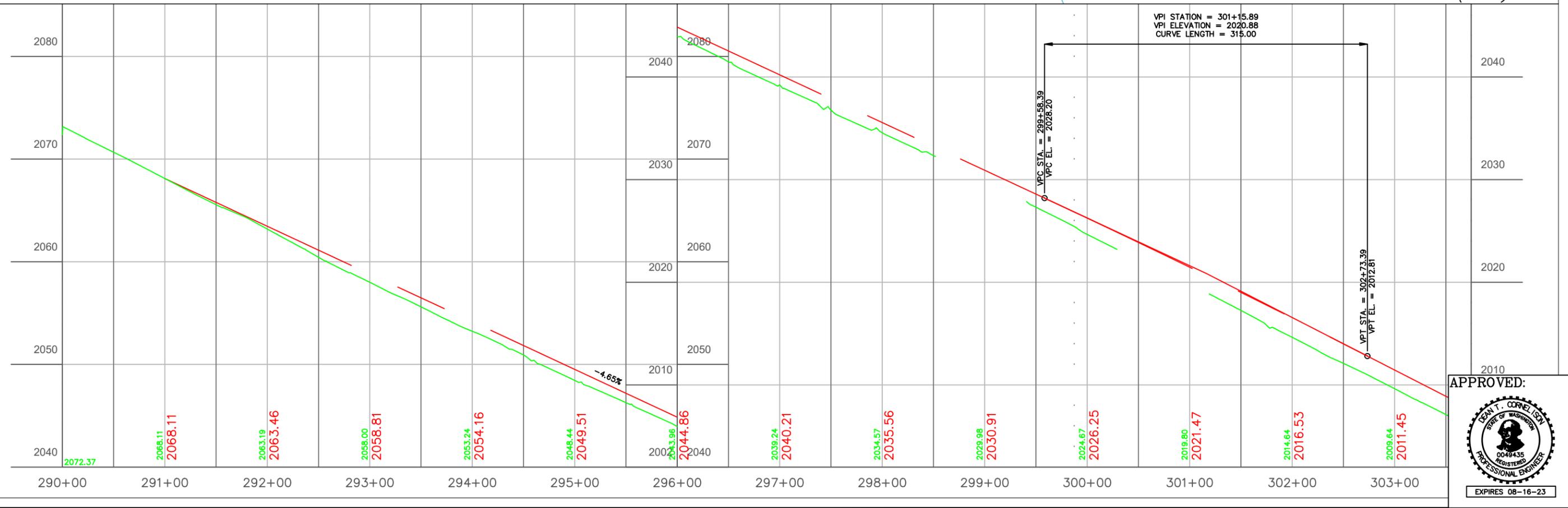
EXPIRES 08-16-23



**ALMOTA ROAD ALIGNMENT - CURVE TABLE**

NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
CO1	34°20'24.72"	933.04'	980.00'	587.36	N 89°49'17.30" W	578.61
CO2	35°46'32.52"	710.33'	870.00'	543.23'	S 88°55'45.70" W	534.45'

FEDERAL AID NO. STPR-1382(006)



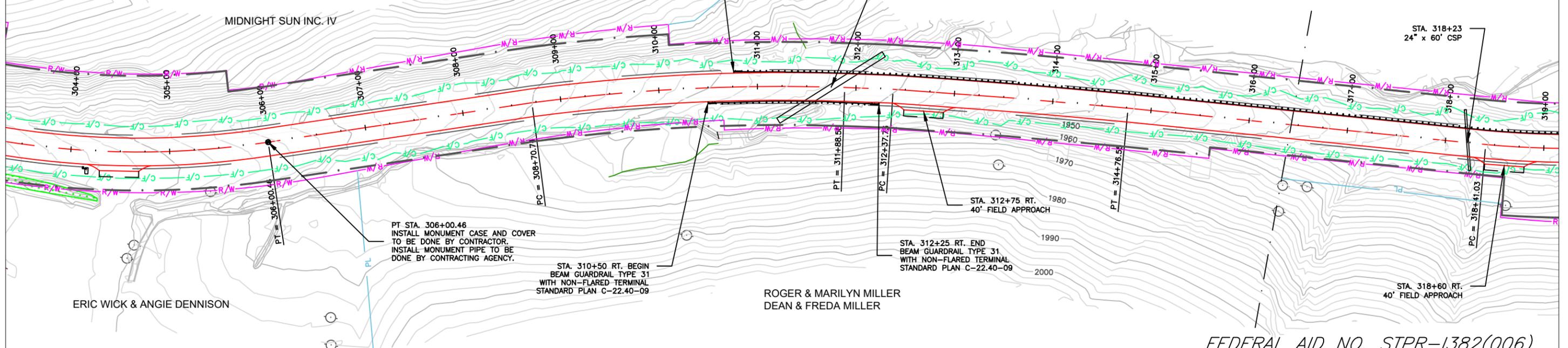
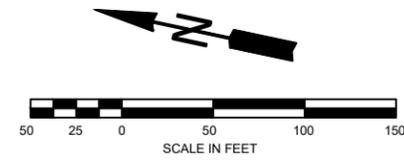
APPROVED:

EXPIRES 08-16-23

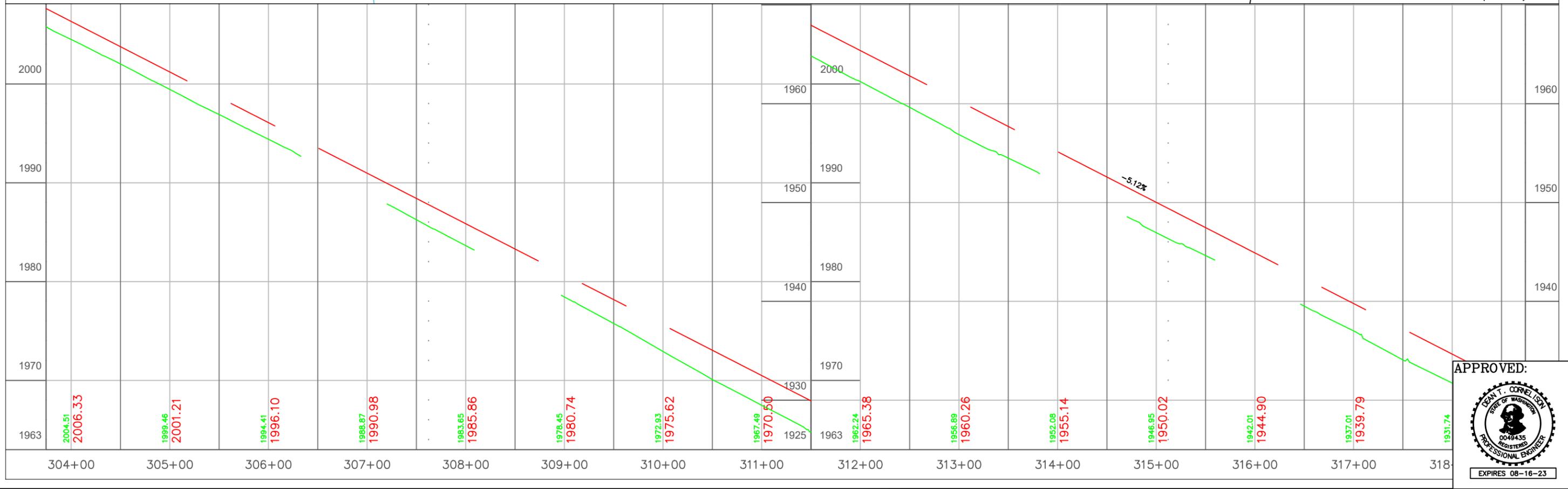
S.W. 1/4, SECTION 5, T. 15 N., R. 43 E., W.M.

S.E. 1/4, SECTION 6,  
T. 15 N., R. 43 E., W.M.

ALMOTA ROAD ALIGNMENT - CURVE TABLE						
NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C02	35°46'32.52"	710.33'	870.00'	543.23'	S 88°55'45.70" W	534.45'
C03	09°24'40.32"	327.81'	1935.00'	317.84'	S 73°55'29.10" W	317.48'
C04	01°46'54.12"	533.87'	7680.00'	238.82'	S 84°17'04.10" W	238.81'
C05	05°52'02.28"	1034.69'	975.00'	99.84'	S 81°58'45.20" W	99.80'



FEDERAL AID NO. STPR-1382(006)



APPROVED:  
  
 DEAN T. CORNELISON  
 STATE OF WASHINGTON  
 0049435  
 REGISTERED  
 PROFESSIONAL ENGINEER  
 EXPIRES 08-16-23

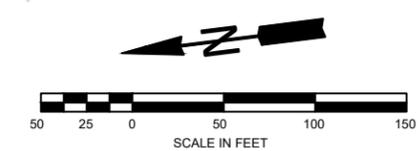
Drawn By: <u>D. CORNELISON</u> Date: <u>12/2022</u> Designed By: <u>D. CORNELISON</u> Date: <u>12/2022</u> Checked By: <u>M. STOREY</u> Date: <u>12/2022</u>		<b>SCALE</b> HORIZONTAL: AS SHOWN VERTICAL: AS SHOWN	<b>WHITMAN COUNTY ENGINEER</b> 310 N. MAIN ST. COLFAX WA. 99111 (509) 397-8206	PLANS PREPARED UNDER THE DIRECTION OF: <b>DEAN CORNELISON, P.E.</b> COUNTY ENGINEER Date: <u>12/2022</u>	<b>COUNTY ROAD PROJECT NO. 8000-10</b> <b>PLAN AND PROFILE</b> <b>ALMOTA ROAD</b>	<b>SHEET</b> 7 of 30
No.	Date	By	Ckd.	Appr.	Revision	

S.E. 1/4, SECTION 6, T. 15 N., R. 43 E., W.M.

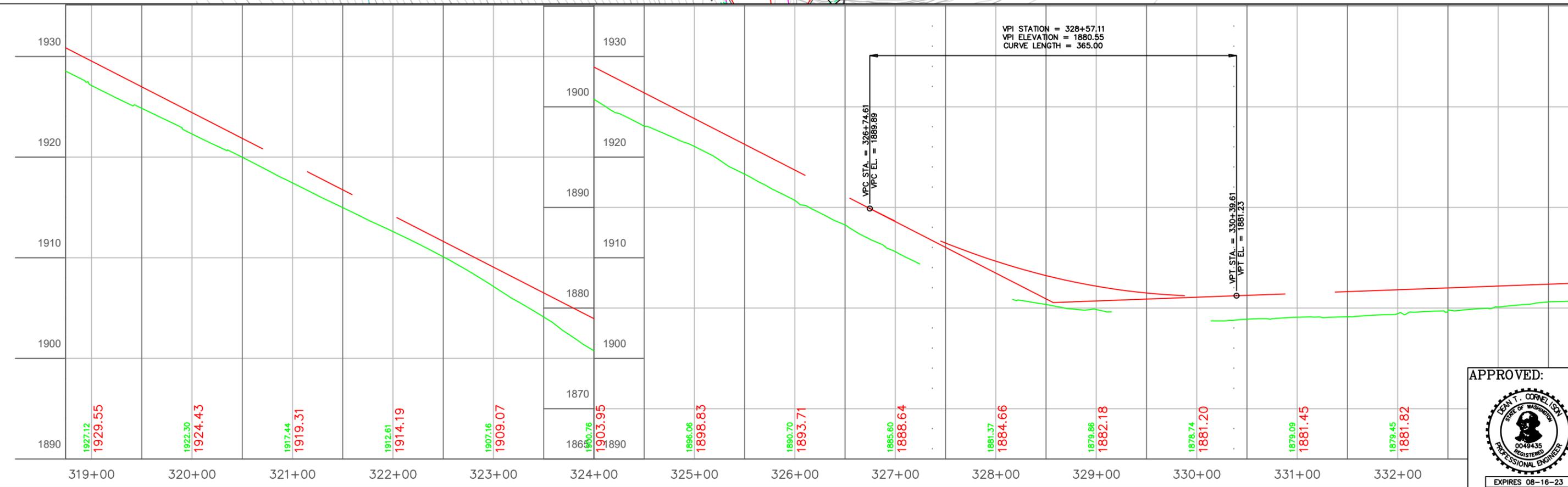
ROGER & MARILYN MILLER

KROLL INC.

NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
CO5	05°52'02.28"	1034.69'	975.00'	99.84'	S 81°58'45.20" W	99.80'
CO6	149°53'45.24"	1983.55'	520.00'	1360.41'	S 02°11'16.10" E	1004.32'



FEDERAL AID NO. STPR-1382(006)

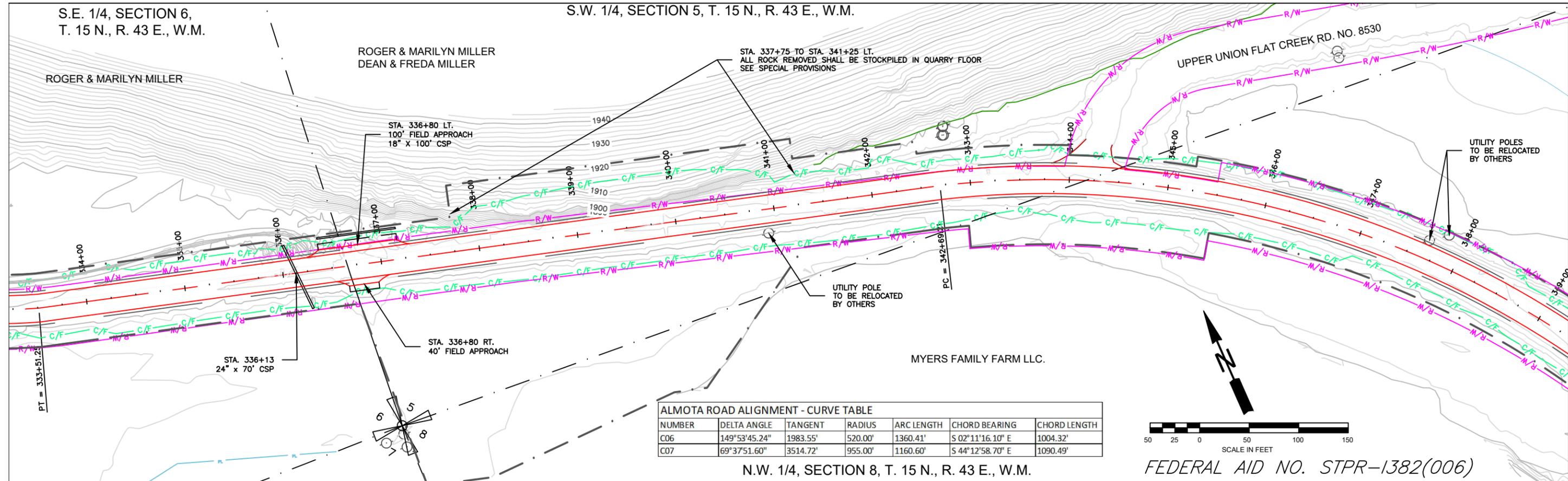


APPROVED:

EXPIRES 08-16-23

S.E. 1/4, SECTION 6,  
T. 15 N., R. 43 E., W.M.

S.W. 1/4, SECTION 5, T. 15 N., R. 43 E., W.M.



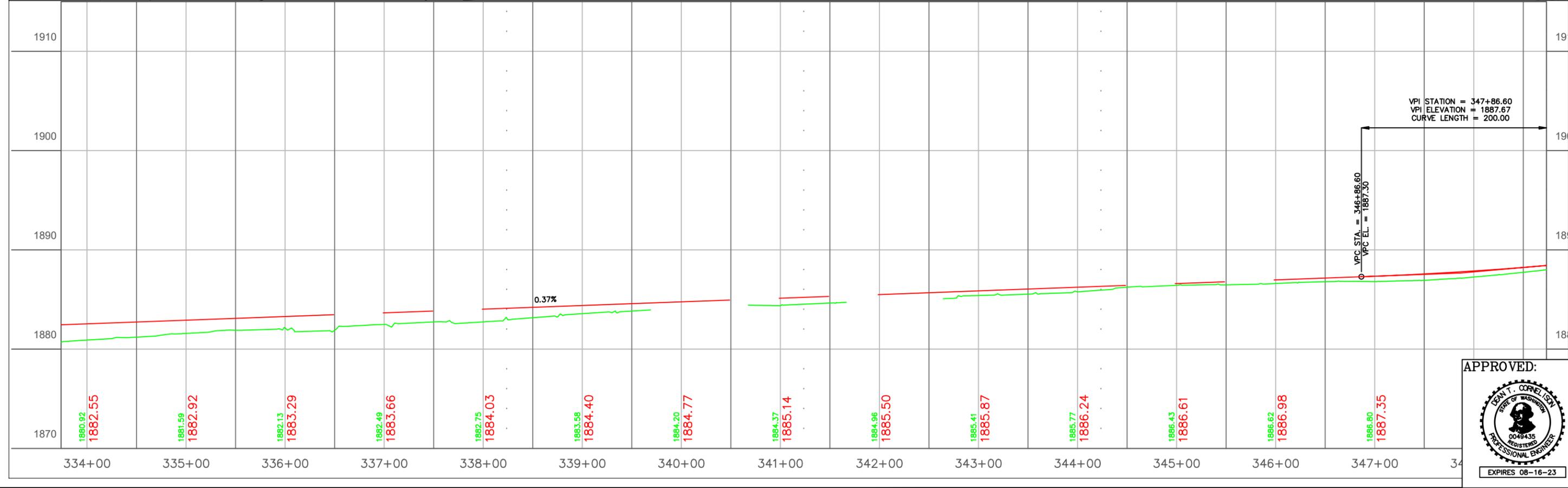
ALMOTA ROAD ALIGNMENT - CURVE TABLE

NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C06	149°53'45.24"	1983.55'	520.00'	1360.41'	S 02°11'16.10" E	1004.32'
C07	69°37'51.60"	3514.72'	955.00'	1160.60'	S 44°12'58.70" E	1090.49'



FEDERAL AID NO. STPR-1382(006)

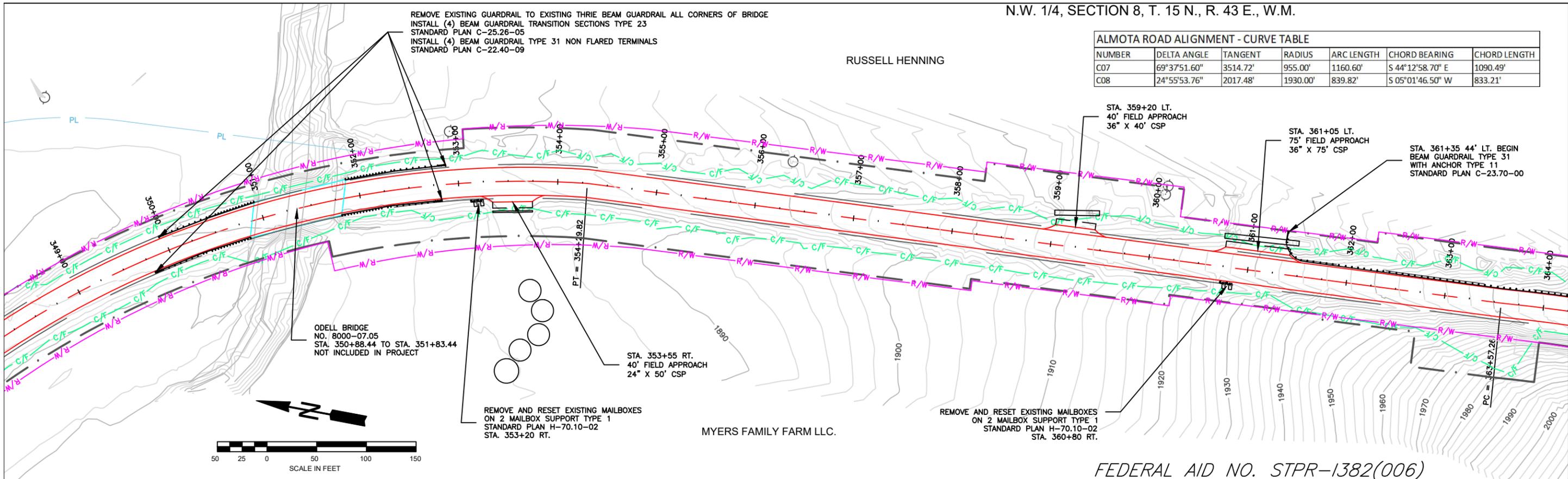
N.W. 1/4, SECTION 8, T. 15 N., R. 43 E., W.M.



APPROVED:

EXPIRES 08-16-23

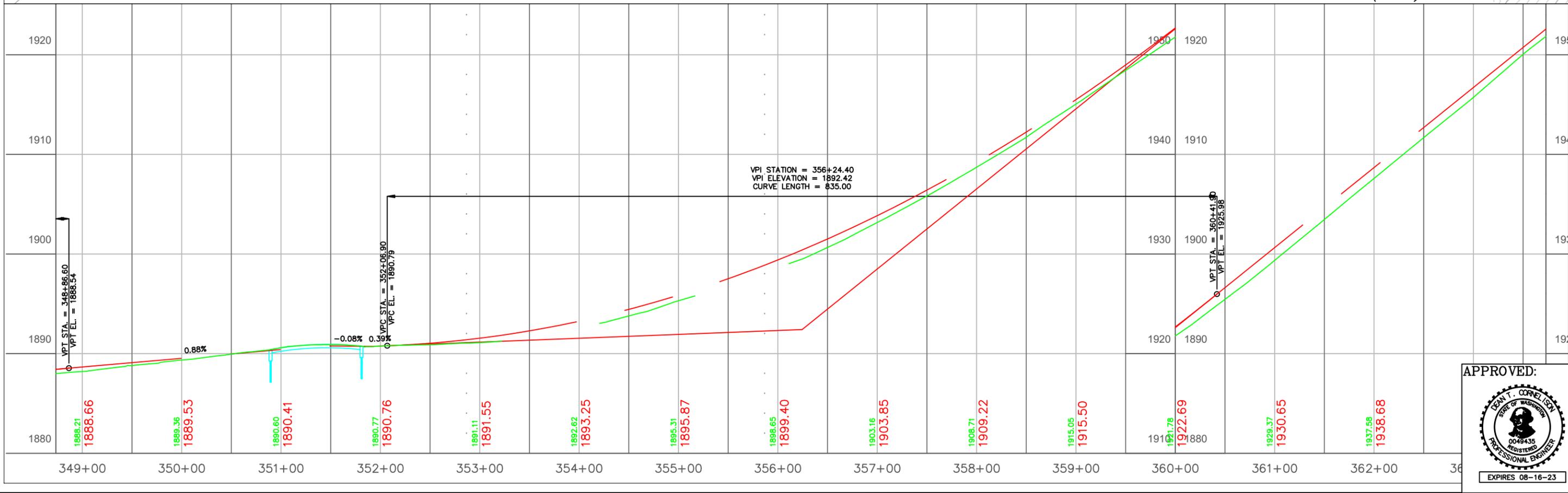
Drawn By: <i>D. CORNELISON</i> Date: <i>12/2022</i> Designed By: <i>D. CORNELISON</i> Date: <i>12/2022</i> Checked By: <i>M. STOREY</i> Date: <i>12/2022</i>		<b>SCALE</b> HORIZONTAL: AS SHOWN VERTICAL: AS SHOWN	<b>WHITMAN COUNTY ENGINEER</b> 310 N. MAIN ST. COLFAX WA. 99111 (509) 397-8206	PLANS PREPARED UNDER THE DIRECTION OF: <b>DEAN CORNELISON, P.E.</b> COUNTY ENGINEER Date: <i>12/2022</i>	<b>COUNTY ROAD PROJECT NO. 8000-10</b> <b>PLAN AND PROFILE</b> <b>ALMOTA ROAD</b>	<b>SHEET</b> <b>9 of 30</b>
No.	Date	By	Ckd.	Appr.	Revision	



ALMOTA ROAD ALIGNMENT - CURVE TABLE

NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C07	69°37'51.60"	3514.72'	955.00'	1160.60'	S 44°12'58.70" E	1090.49'
C08	24°55'53.76"	2017.48'	1930.00'	839.82'	S 05°01'46.50" W	833.21'

FEDERAL AID NO. STPR-1382(006)



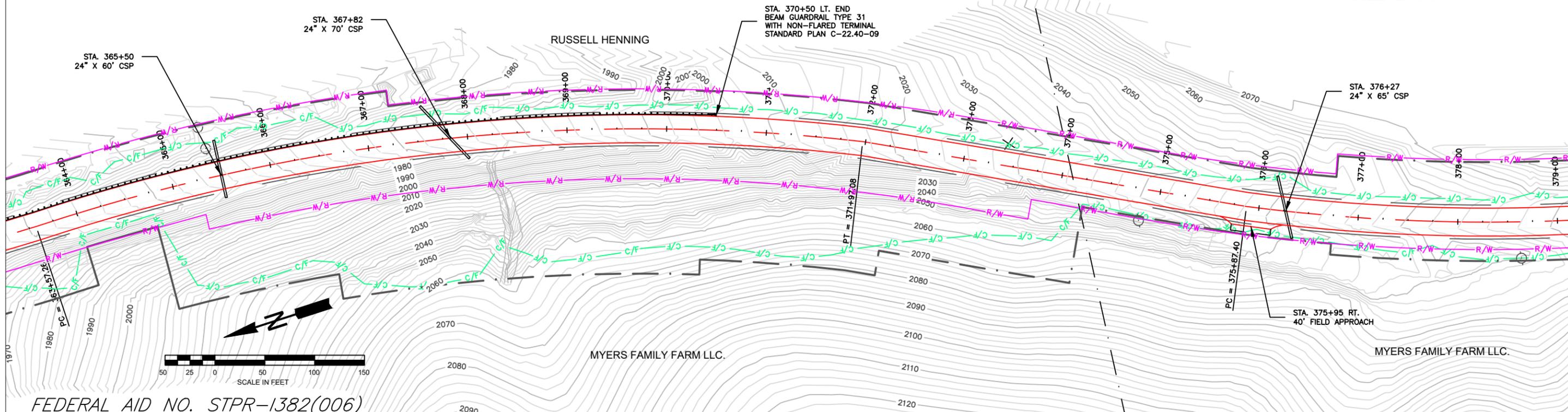
APPROVED:

EXPIRES 08-16-23

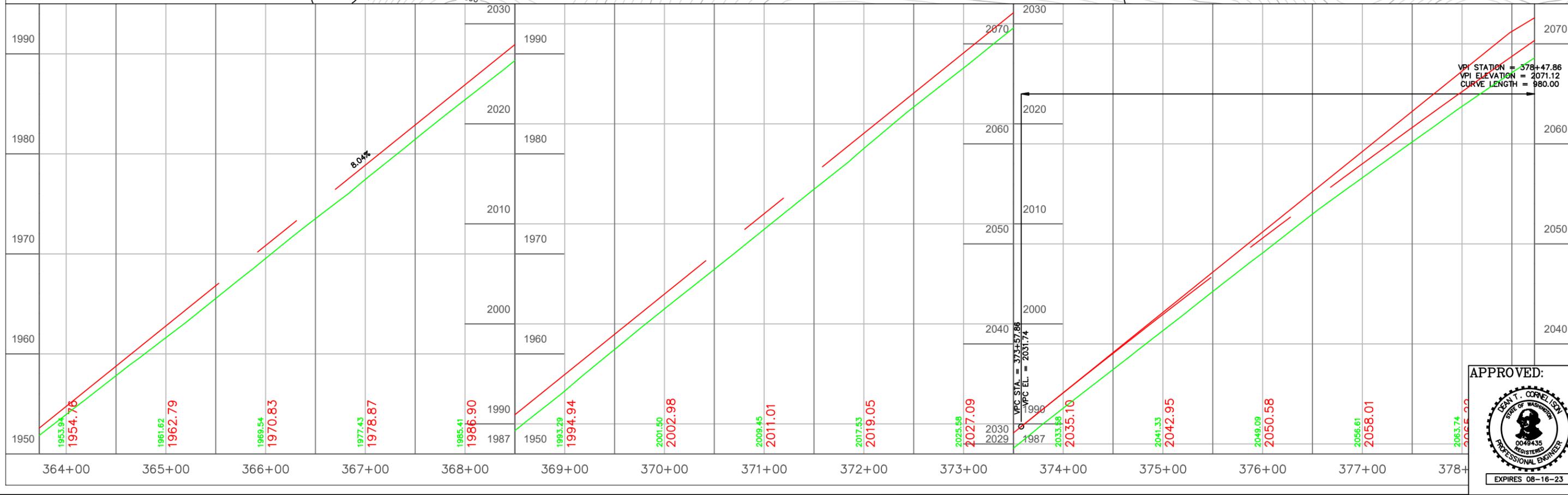
N.W. 1/4, SECTION 8, T. 15 N., R. 43 E., W.M.

S.W. 1/4, SECTION 8, T. 15 N., R. 43 E., W.M.

ALMOTA ROAD ALIGNMENT - CURVE TABLE						
NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C08	24°55'53.76"	2017.48'	1930.00'	839.82'	S 05°01'46.50" W	833.21'
C09	31°10'09.84"	1336.87'	1865.00'	1014.58'	S 02°43'54.60" W	1002.11'



FEDERAL AID NO. STPR-1382(006)



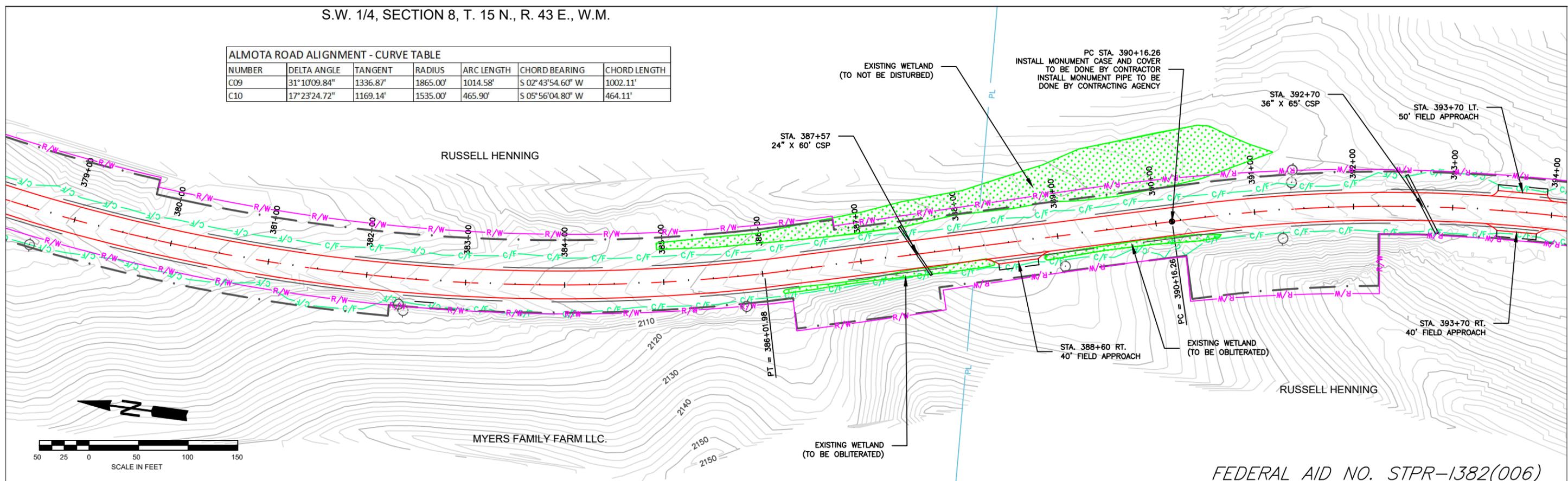
APPROVED:

EXPIRES 08-16-23

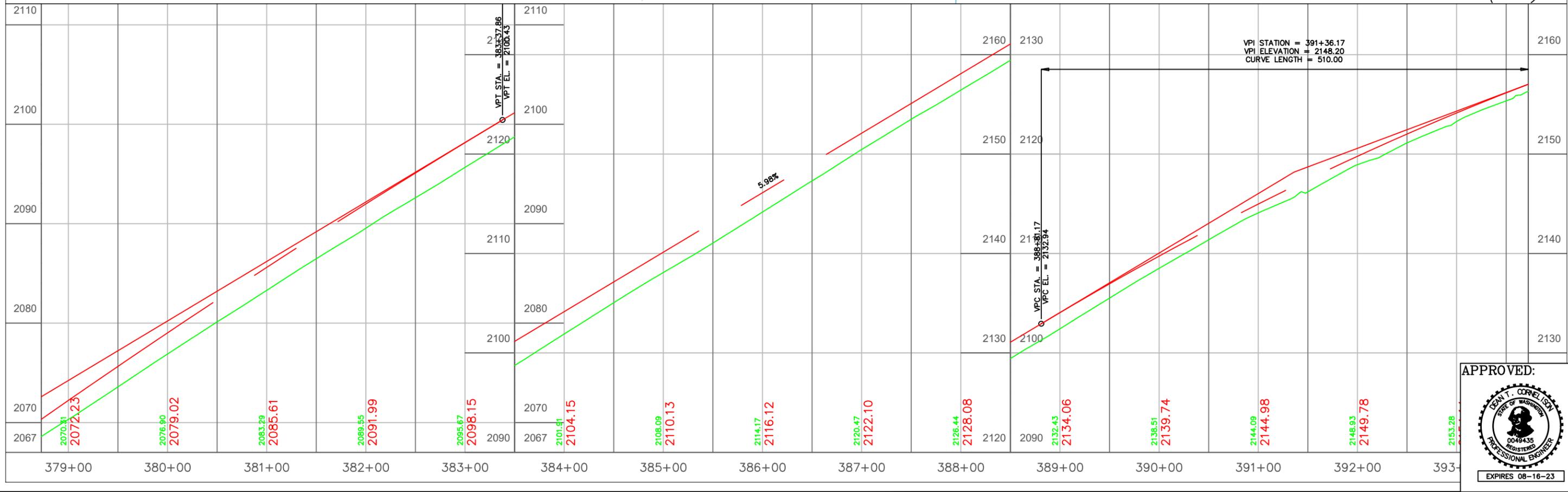
Drawn By: <u>D. CORNELISON</u> Date: <u>12/2022</u> Designed By: <u>D. CORNELISON</u> Date: <u>12/2022</u> Checked By: <u>M. STOREY</u> Date: <u>12/2022</u>					<b>SCALE</b> HORIZONTAL: AS SHOWN VERTICAL: AS SHOWN		<b>WHITMAN COUNTY ENGINEER</b> 310 N. MAIN ST. COLFAX WA. 99111 (509) 397-6206		PLANS PREPARED UNDER THE DIRECTION OF: <b>DEAN CORNELISON, P.E.</b> COUNTY ENGINEER Date: <u>12/2022</u>		<b>COUNTY ROAD PROJECT NO. 8000-10</b> <b>PLAN AND PROFILE</b> <b>ALMOTA ROAD</b>		<b>SHEET</b> 11 of 30	
No.	Date	By	Ckd.	Appr.	Revision									

S.W. 1/4, SECTION 8, T. 15 N., R. 43 E., W.M.

ALMOTA ROAD ALIGNMENT - CURVE TABLE						
NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C09	31°10'09.84"	1336.87'	1865.00'	1014.58'	S 02°43'54.60" W	1002.11'
C10	17°23'24.72"	1169.14'	1535.00'	465.90'	S 05°56'04.80" W	464.11'

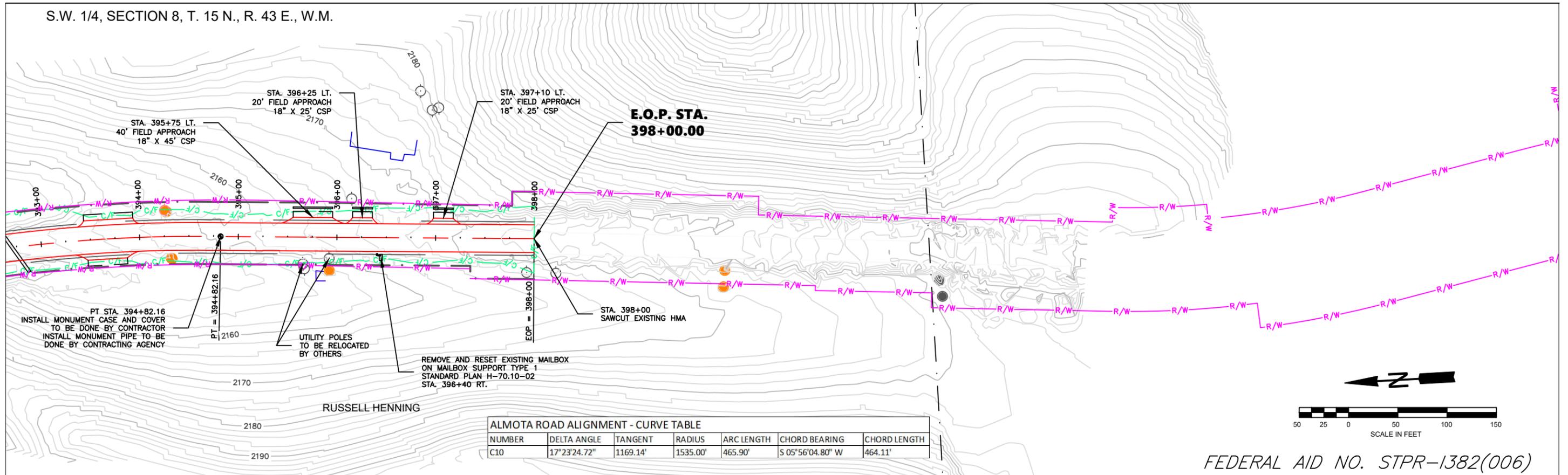


FEDERAL AID NO. STPR-1382(006)

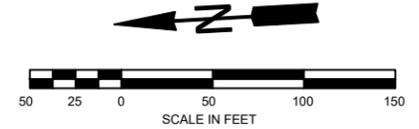


APPROVED:  
  
 DEAN T. CORNELISON  
 STATE OF WASHINGTON  
 0049435  
 REGISTERED  
 PROFESSIONAL ENGINEER  
 EXPIRES 08-16-23

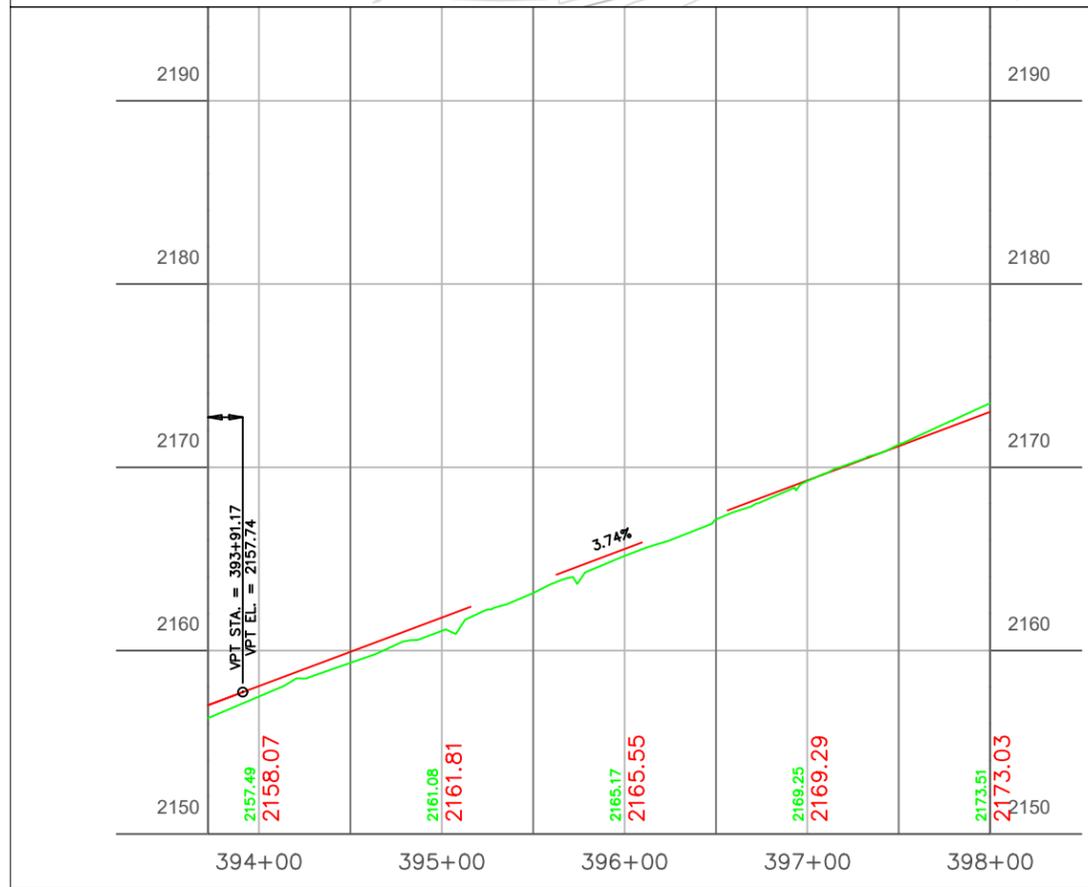
S.W. 1/4, SECTION 8, T. 15 N., R. 43 E., W.M.



ALMOTA ROAD ALIGNMENT - CURVE TABLE						
NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C10	17°23'24.72"	1169.14'	1535.00'	465.90'	S 05°56'04.80" W	464.11'



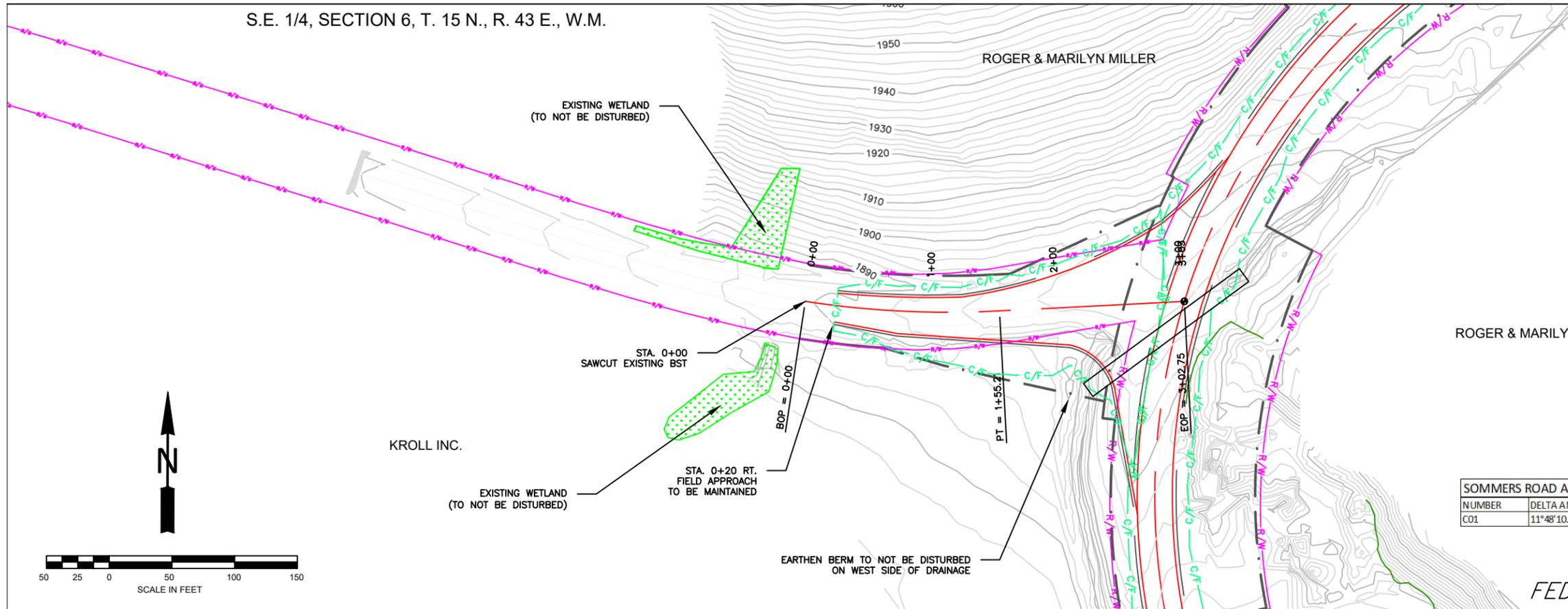
FEDERAL AID NO. STPR-1382(006)



APPROVED:

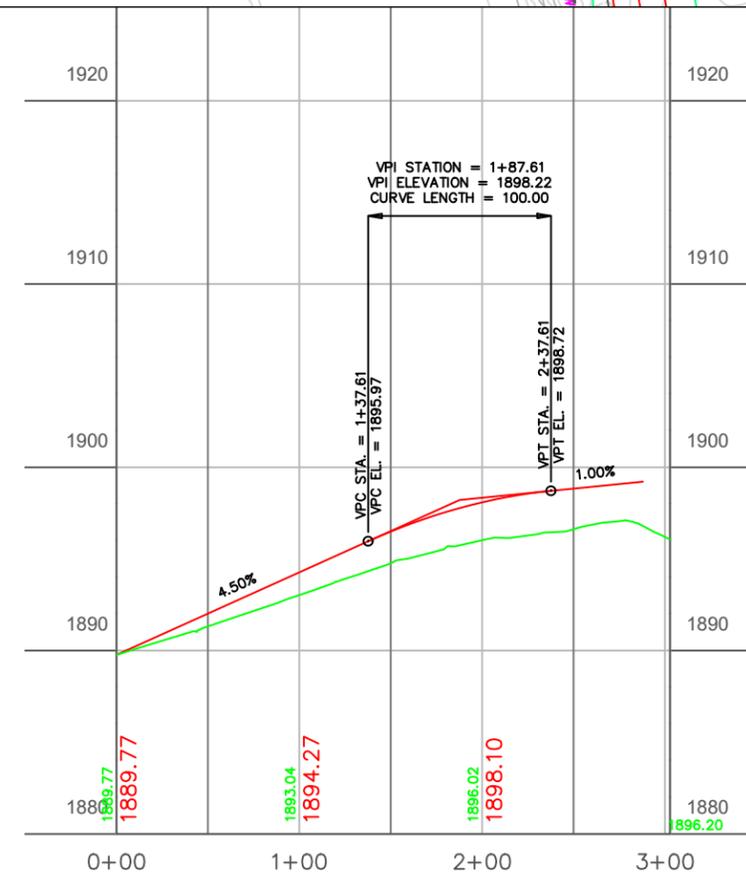
EXPIRES 08-16-23

S.E. 1/4, SECTION 6, T. 15 N., R. 43 E., W.M.



SOMMERS ROAD ALIGNMENT - CURVE TABLE						
NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C01	11°48'10.08"	77.92'	753.48'	155.21'	S 87°53'04.36" E	154.94'

FEDERAL AID NO. STPR-1382(006)



APPROVED:



EXPIRES 08-16-23

No.	Date	By	Ckd.	Appr.	Revision

Drawn By: D. CORNELISON Date: 12/2022  
 Designed By: D. CORNELISON Date: 12/2022  
 Checked By: M. STOREY Date: 12/2022

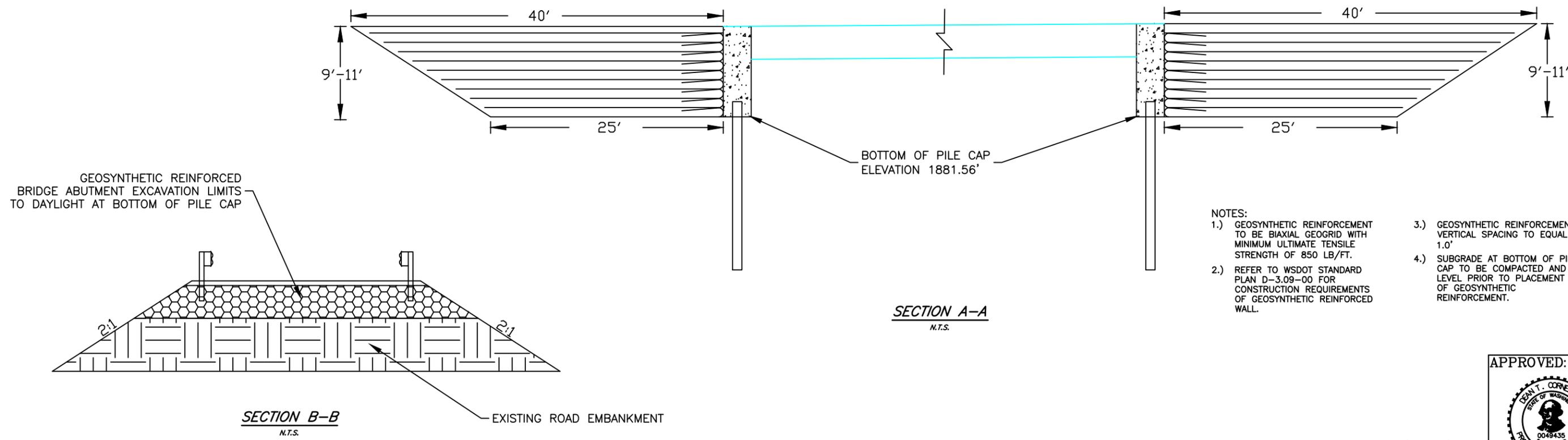
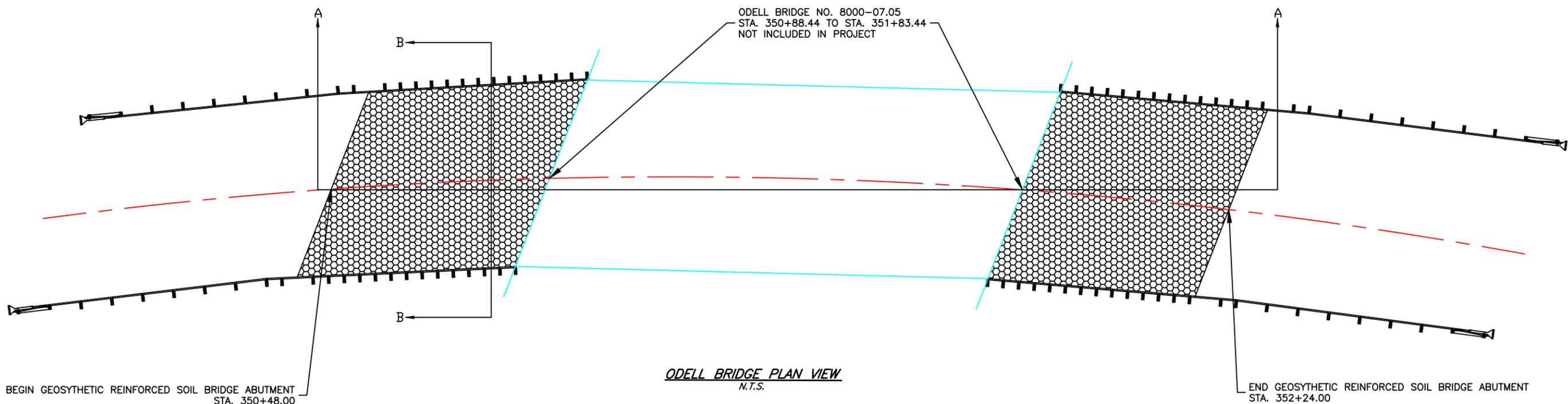
**SCALE**  
 HORIZONTAL: AS SHOWN  
 VERTICAL: AS SHOWN

**WHITMAN COUNTY ENGINEER**  
 310 N. MAIN ST.  
 COLFAX WA. 99111  
 (509) 397-6206

PLANS PREPARED UNDER THE  
 DIRECTION OF:  
**DEAN CORNELISON, P.E.**  
 COUNTY ENGINEER  
 Date: 12/2022

COUNTY ROAD PROJECT NO. 8000-10  
**SOMMERS ROAD PLAN AND PROFILE**  
 ALMOTA ROAD

SHEET  
 14 of 30



FEDERAL AID NO. STPR-1382(006)

APPROVED:

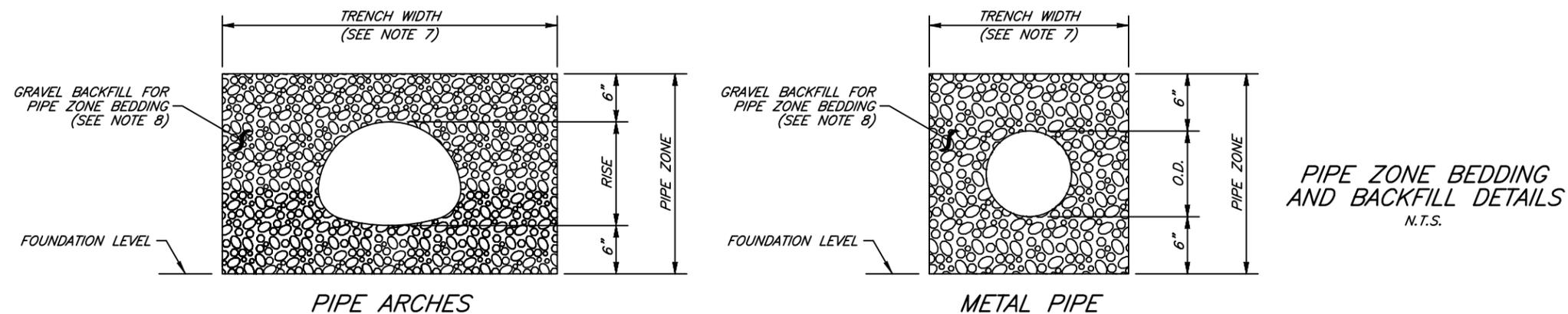
EXPIRES 08-16-23

					Drawn By: <u>D. CORNELISON</u> Date: <u>12/2022</u> Designed By: <u>D. CORNELISON</u> Date: <u>12/2022</u> Checked By: <u>M. STOREY</u> Date: <u>12/2022</u>	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: DEAN CORNELISON, P.E. COUNTY ENGINEER Date: <u>12/2022</u>	COUNTY ROAD PROJECT NO. 8000-10 <b>GEOSYNETHIC REINFORCED BRIDGE ABUTMENT</b> ALMOTA ROAD	SHEET 15 OF 30
No.	Date	By	Ckd.	Appr.	Revision					

# STRUCTURE NOTES

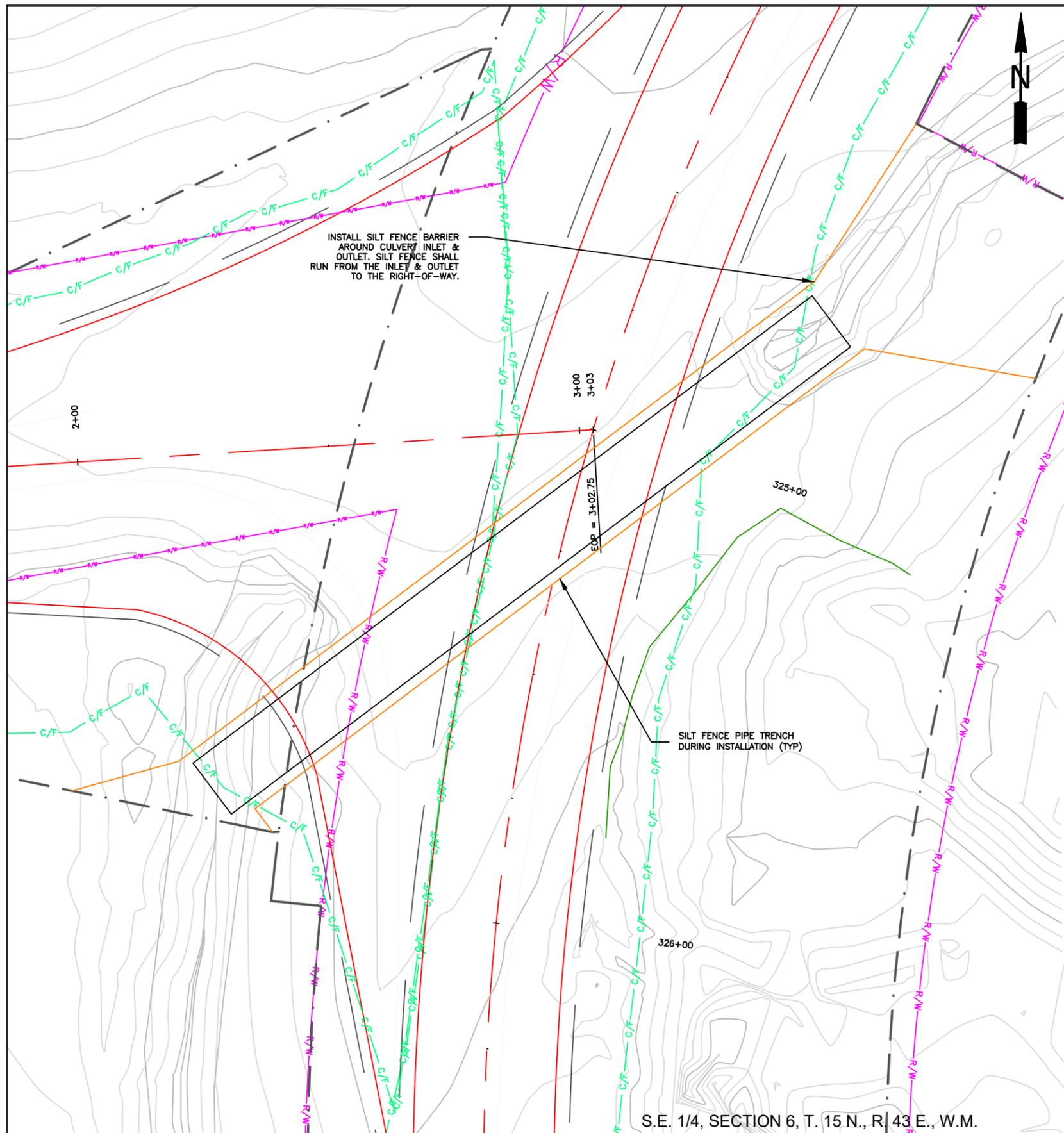
STATION	PLAIN ST. CULV. PIPE 0.064 IN. TH. 24 IN. DIAM. (L.F.)	PLAIN ST. CULV. PIPE 0.064 IN. TH. 36 IN. DIAM. (L.F.)	PLAIN ST. CULV. PIPE 0.138 IN. TH. 72 IN. DIAM. (L.F.)	ST. STR. PLATE PIPE ARCH 10 GAGE 10 FT. 3 IN. SPAN (L.F.)	PLAIN ST. CULV. APPROACH PIPE 0.064 IN. TH. 18 IN. DIAM. (L.F.)	PLAIN ST. CULV. APPROACH PIPE 0.064 IN. TH. 24 IN. DIAM. (L.F.)	STRUCTURE EXCAVATION CLASS B (C.Y.)	SHORING OR EXTRA EXCAVATION CLASS B (S.F.)	GRAVEL BACKFILL FOR PIPE ZONE BEDDING (C.Y.) (ESTIMATE ONLY - INCIDENTAL TO OTHER ITEMS)	GENERAL CULVERT NOTES: 1. CULVERT AND DITCH LOCATIONS AND LENGTHS ARE APPROXIMATE. ACTUAL LOCATIONS, LENGTHS AND QUANTITIES WILL BE AS-STAKED. 2. DITCH PROFILES MAY BE ADJUSTED TO MATCH AS-STAKED CULVERT LOCATIONS AND ELEVATIONS. 3. ALL PLAIN ST. CULV. PIPE SHALL BE FIELD CUT TO MATCH ADJACENT SLOPE. 4. PIPE ZONE BEDDING IS NOT REQUIRED ON APPROACH CULVERTS. 5. APPROACH CULVERTS ARE TO BE INSTALLED AT THE FLOW LINE OF THE DITCH OR CATCH OF FILL SLOPE UNLESS SPECIFIED OTHERWISE ON THE PLANS. IF ADDITIONAL COVER IS NECESSARY THE CULVERT IS TO BE SET DOWN AND THIS IS CONSIDERED INCIDENTAL TO THE BID ITEM. 6. SEE STANDARD SPECIFICATIONS SECTION 9-03.12(3) FOR GRAVEL BACKFILL FOR PIPE ZONE BEDDING 7. SEE STANDARD SPECIFICATIONS SECTION 2-09.4 FOR MEASUREMENT OF TRENCH WIDTH 8. CULVERT SHALL BE BACKFILLED TO A DEPTH EQUAL TO THE FLOW OF THE EXISTING STREAMBED. BACKFILL MATERIAL SHALL BE SIMILAR IN CHARACTERISTICS TO THE EXISTING STREAMBED MATERIAL. INCIDENTAL TO OTHER ITEMS.
294+70	60						50	265	30	
311+75			125				441	1050	340	SKEWED 50' AHEAD RT. 2:1 STEP BEVELS AT INLET AND OUTLET. SEE NOTE 8. SEE HPA PERMIT NUMBER: 2023-1-24+01
318+23	60						64	366	30	SKEWED 4' AHEAD RT.
325+20				155			825	1334	750	SKEWED 60' AHEAD RT. 2:1 STEP BEVELS AT INLET AND OUTLET. SEE NOTE 8. SEE HPA PERMIT NUMBER: 2023-1-24+01
328+10 Lt.					100					SEE NOTE 5
330+75	55						31	60	28	SKEWED 4' AHEAD RT.
332+35 Lt.					100					SEE NOTE 5
336+13	70						38	110	35	SKEWED 13' AHEAD RT.
336+80 Lt.					100					SEE NOTE 5
353+55 Rt.						50	35	72	25	SEE NOTE 5
359+20 Lt.		40					47	211	36	SEE NOTE 5
361+05 Lt.		75					102	457	67	SEE NOTE 5
365+50	60						94	250	30	
367+82	70						42	133	35	SKEWED 18' AHEAD RT.
376+27	65						49	212	33	SKEWED 9' AHEAD RT.
387+57	60						37	92	30	SKEWED 12' AHEAD RT.
392+70		65					90	288	58	SKEWED 15' AHEAD RT.
395+75 Lt.					45					SEE NOTE 5
396+25 Lt.					25					SEE NOTE 5
397+10 Lt.					25					SEE NOTE 5

NOTES



PIPE ZONE BEDDING AND BACKFILL DETAILS  
N.T.S.

APPROVED:  
  
 EXPIRES 08-16-23



ALMOTA ROAD ALIGNMENT - SILT FENCE BARRIER		
BEGIN STA.	END STA.	LEFT/RIGHT
290+00.00	295+75.00	RIGHT
293+25.00	294+00.00	LEFT
301+25.00	304+00.00	RIGHT
385+00.00	391+00.00	LEFT

GENERAL TESC NOTES:

1. SILT FENCE BARRIER LOCATIONS AND LENGTHS ARE APPROXIMATE. ACTUAL LOCATIONS, LENGTHS AND QUANTITIES WILL BE AS-STAKED
2. SILT FENCE BARRIER LOCATIONS SHALL BE INSTALLED AND MAINTAINED PER STANDARD PLANS I-30.10-02 AND I-30.20-00
3. WORK REQUIRED TO REMOVE AND RESET TESC PLAN ELEMENTS DURING THE COURSE OF CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND BE INCIDENTAL TO BID ITEM 21.
4. ALL SILT FENCE BARRIER LOCATIONS SHALL BE INSTALLED PRIOR TO ANY CLEARING AND GRUBBING ACTIVITIES.
5. ALL SILT FENCE BARRIER LOCATIONS SHALL BE INSTALLED WITHIN THE RIGHT-OF-WAY LIMITS BETWEEN THE CATCH POINT AND THE WETLAND BUFFER AREA OR DRAINAGE BEING PROTECTED.

S.E. 1/4, SECTION 6, T. 15 N., R. 43 E., W.M.

FEDERAL AID NO. STPR-1382(006)

APPROVED:



EXPIRES 08-16-23

No.	Date	By	Ckd.	Appr.	Revision

Drawn By: D. CORNELISON  
 Date: 12/2022  
 Designed By: D. CORNELISON  
 Date: 12/2022  
 Checked By: M. STOREY  
 Date: 12/2022

SCALE  
 HORIZONTAL: AS SHOWN  
 VERTICAL: AS SHOWN

WHITMAN COUNTY ENGINEER  
 310 N. MAIN ST.  
 COLFAX WA. 99111  
 (509) 397-6206

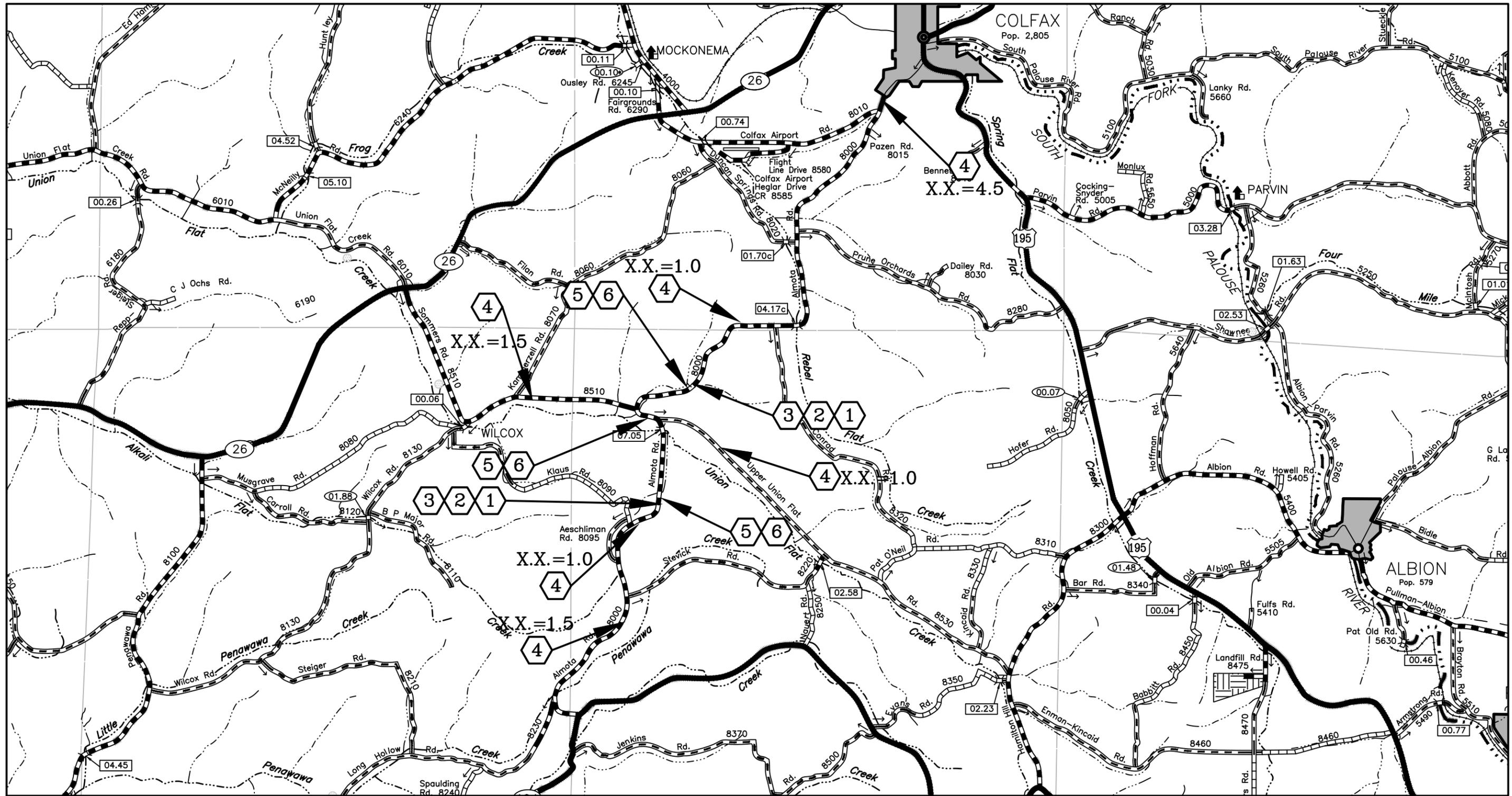
PLANS PREPARED UNDER THE  
 DIRECTION OF:  
 DEAN CORNELISON, P.E.  
 COUNTY ENGINEER  
 Date: 12/2022

COUNTY ROAD PROJECT NO. 8000-10  
 TEMPORARY EROSION & SEDIMENT CONTROL  
 ALMOTA ROAD

SHEET

17 OF 30





FEDERAL AID NO. STPR-1382(006)

APPROVED:

DEAN T. CORNELISON  
STATE OF WASHINGTON  
REGISTERED PROFESSIONAL ENGINEER  
0049435  
EXPIRES 08-16-23

No.	Date	By	Ckd.	Appr.

Revision	Date	By	Ckd.	Appr.

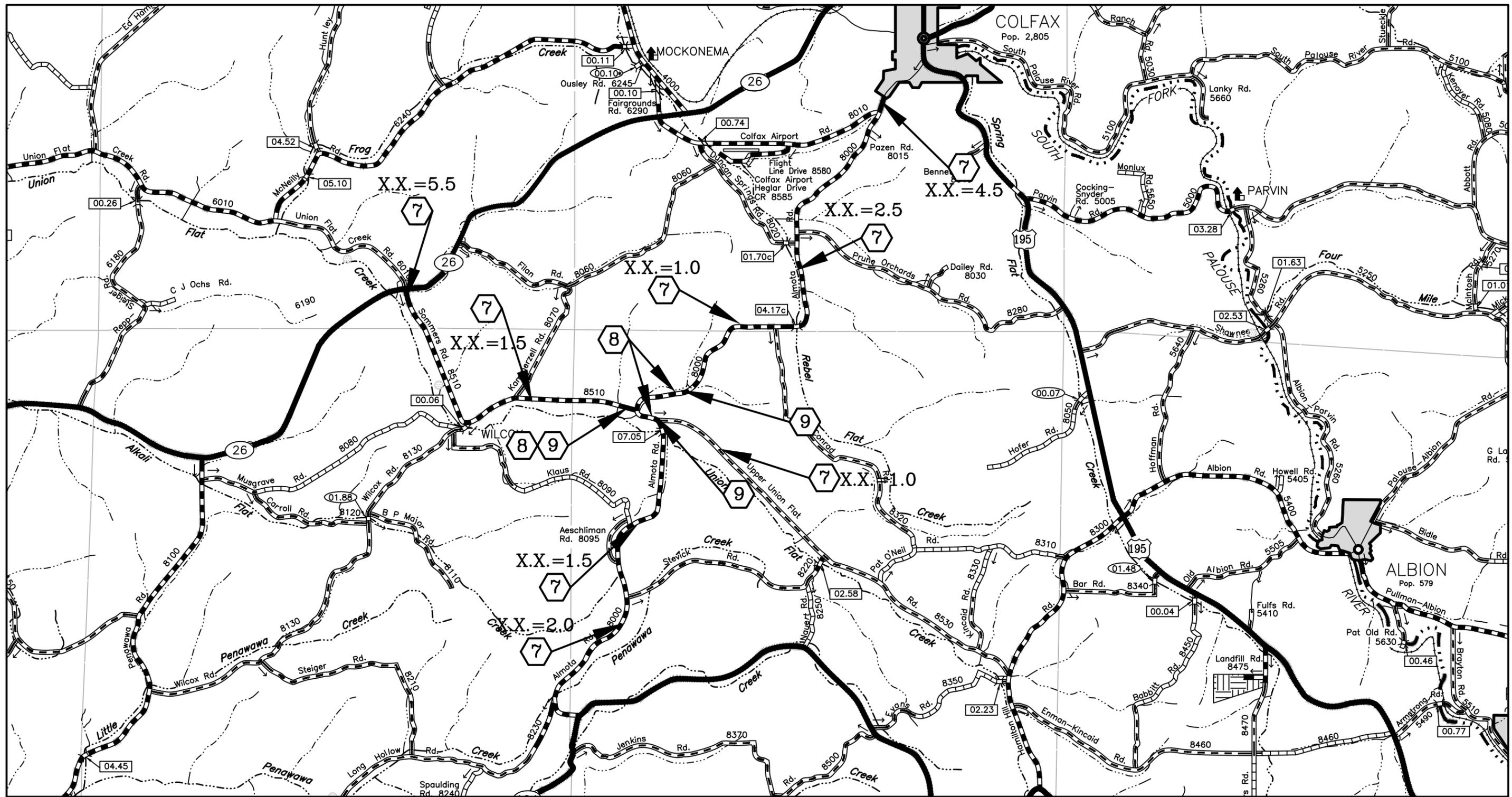
Drawn By: D. CORNELISON Date: 12/2022  
 Designed By: D. CORNELISON Date: 12/2022  
 Checked By: M. STOREY Date: 12/2022

**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:  
**DEAN CORNELISON, P.E.**  
 COUNTY ENGINEER  
 Date: 12/2022

COUNTY ROAD PROJECT NO. 8000-10  
**CLASS A SIGN LOCATIONS**  
 ALMOTA ROAD



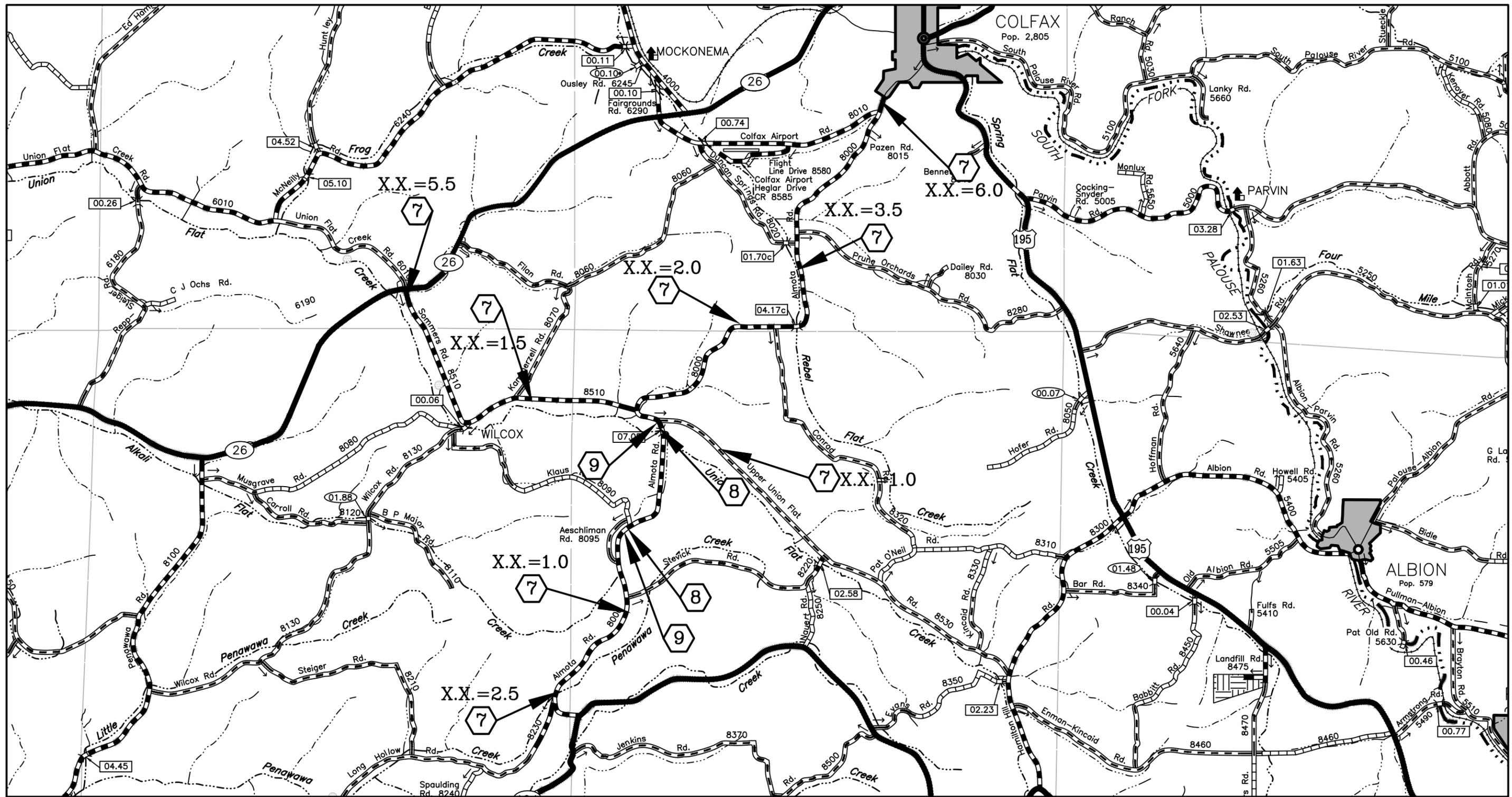
MAXIMUM TWO WEEK ROAD CLOSURE  
STATION 305+00 TO 327+00

FEDERAL AID NO. STPR-1382(006)

APPROVED:

EXPIRES 08-16-23

<table border="1"> <tr> <td>No.</td> <td>Date</td> <td>By</td> <td>Ckd.</td> <td>Appr.</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td colspan="5" style="text-align: center;">Revision</td> </tr> </table>					No.	Date	By	Ckd.	Appr.						Revision					Drawn By: <u>D. CORNELISON</u> Date: <u>12/2022</u> Designed By: <u>D. CORNELISON</u> Date: <u>12/2022</u> Checked By: <u>M. STOREY</u> Date: <u>12/2022</u>	<b>SCALE</b> HORIZONTAL: AS SHOWN VERTICAL: AS SHOWN	<b>WHITMAN COUNTY ENGINEER</b> 310 N. MAIN ST. COLFAX WA. 99111 (509) 397-6206	PLANS PREPARED UNDER THE DIRECTION OF: <b>DEAN CORNELISON, P.E.</b> COUNTY ENGINEER Date: <u>12/2022</u>	COUNTY ROAD PROJECT NO. 8000-10 <b>ROAD CLOSURE SIGN LOCATIONS - CULVERT</b> ALMOTA ROAD	<b>SHEET</b> 20 OF 30
No.	Date	By	Ckd.	Appr.																					
Revision																									



MAXIMUM EIGHT WEEK ROAD CLOSURE  
STATION 345+00 TO 398+00

FEDERAL AID NO. STPR-1382(006)

APPROVED:



EXPIRES 08-16-23

No.	Date	By	Ckd.	Appr.	Revision

Drawn By: D. CORNELISON Date: 12/2022  
 Designed By: D. CORNELISON Date: 12/2022  
 Checked By: M. STOREY Date: 12/2022

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:  
 DEAN CORNELISON, P.E.  
 COUNTY ENGINEER  
 Date: 12/2022

COUNTY ROAD PROJECT NO. 8000-10  
**ROAD CLOSURE SIGN LOCATIONS**  
 ALMOTA ROAD

SHEET  
 21 OF 30

S.W. 1/4, SECTION 5, T. 15 N., R. 43 E., W.M.

S.E. 1/4, SECTION 6,  
T. 15 N., R. 43 E., W.M.

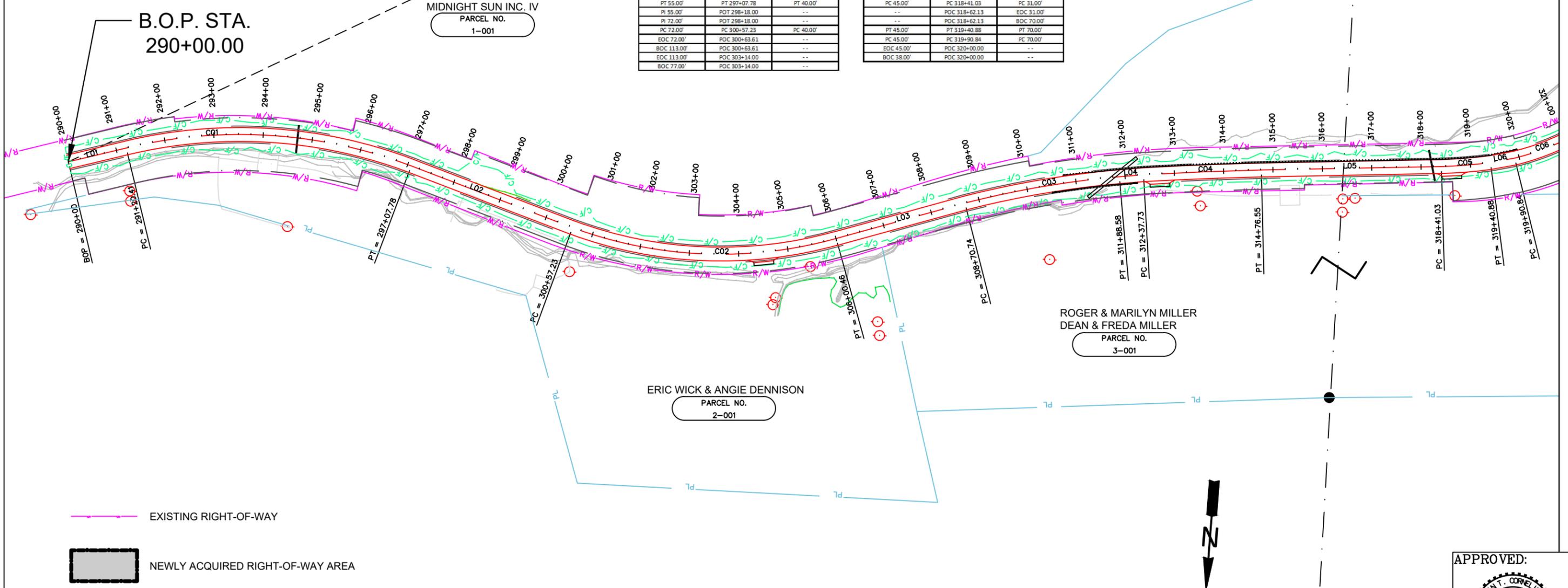
ALMOTA ROAD - PARCEL INFORMATION					
PARCEL NO.	PARCEL OWNER	BEFORE AREA	PROPOSED ROW	AFTER AREA	EASEMENT AREA
3-001	ROGER & MARILYN, DEAN & FRED A MILLER	65.00 ACRES	1,4156 ACRES	63.5844 ACRES	0.00 ACRES
4-001	ROGER AND MARILYN MILLER	25.00 ACRES	0.3357 ACRES	24.6643 ACRES	0.00 ACRES

ALMOTA ROAD ALIGNMENT - CURVE TABLE						
NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
CO1	34°20'24.72"	933.04'	980.00'	587.36'	N 89°49'17.30" W	578.61'
CO2	35°46'32.52"	710.33'	870.00'	543.23'	S 88°55'45.70" W	534.45'
CO3	09°24'40.32"	327.81'	1935.00'	317.84'	S 76°55'29.10" W	317.48'
CO4	01°46'54.12"	533.87'	7680.00'	238.82'	S 84°17'04.10" W	238.81'
CO5	05°52'02.28"	1034.69'	975.00'	99.84'	S 81°58'45.20" W	99.80'
CO6	149°53'45.24"	1983.55'	520.00'	1360.41'	S 02°11'16.10" E	1004.32'

ALMOTA ROAD ALIGNMENT - LINE TABLE		
NUMBER	LINE BEARING	LINE LENGTH
L01	S 73°10'03.05" W	120.41'
L02	N 72°30'47.26" W	349.45'
L03	S 71°14'07.93" W	270.38'
L04	S 81°52'26.69" W	49.15'
L05	S 85°29'58.99" W	364.48'
L06	S 76°12'02.91" W	49.96'

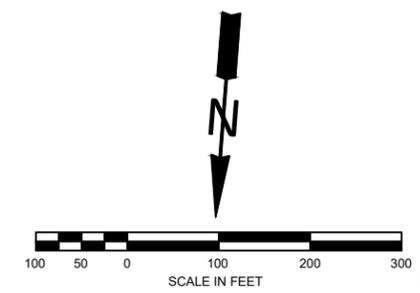
ALMOTA ROAD - RIGHT OF WAY TABLE		
ROW OFFSET LEFT	CENTERLINE STATION	ROW OFFSET RIGHT
BOP 45.00'	BOP 290+00.00	BOP 40.00'
BOP 44.50'	BOP 290+00.00	BOP 39.50'
--	POT 290+25.00	PI 39.50'
--	POT 290+25.00	PI 73.00'
PC 44.50'	PC 291+20.41	PC 73.00'
EOC 44.50'	POC 292+25.00	--
BOC 34.00'	POC 292+25.00	--
EOC 34.00'	POC 295+77.00	--
BOC 55.00'	POC 295+77.00	--
--	POC 296+14.04	POC 73.00'
--	POC 296+14.04	POC 40.00'
PT 55.00'	PT 297+07.78	PT 40.00'
PI 55.00'	POT 298+18.00	--
PI 72.00'	POT 298+18.00	--
PC 72.00'	PC 300+57.23	PC 40.00'
EOC 72.00'	POC 300+63.61	--
BOC 113.00'	POC 300+63.61	--
EOC 113.00'	POC 303+14.00	--
BOC 77.00'	POC 303+14.00	--

ALMOTA ROAD - RIGHT OF WAY TABLE		
ROW OFFSET LEFT	CENTERLINE STATION	ROW OFFSET RIGHT
EOC 77.00'	POC 305+66.00	--
BOC 56.00'	POC 305+66.00	--
PT 56.00'	PT 306+00.46	PT 40.00'
PC 56.00'	PC 308+70.74	PC 40.00'
EOC 56.00'	POC 310+12.72	--
BOC 45.00'	POC 310+12.72	--
PT 45.00'	PT 311+88.58	PT 40.00'
PC 45.00'	PC 312+37.73	PC 40.00'
PT 45.00'	PT 314+76.55	PT 40.00'
--	POT 315+63.17	PI 40.00'
--	POT 315+63.17	PI 31.00'
PC 45.00'	PC 318+41.03	PC 31.00'
--	POC 318+62.13	EOC 31.00'
--	POC 318+62.13	BOC 70.00'
PT 45.00'	PT 319+40.88	PT 70.00'
PC 45.00'	PC 319+90.84	PC 70.00'
EOC 45.00'	POC 320+00.00	--
BOC 38.00'	POC 320+00.00	--



EXISTING RIGHT-OF-WAY  
NEWLY ACQUIRED RIGHT-OF-WAY AREA

GENERAL NOTE:  
WHERE NOT INDICATED BY PROPERTY LINES, SECTION LINES ACT AS PROPERTY LINES



APPROVED:  
  
EXPIRES 08-16-23

FEDERAL AID NO. STPR-1382(006)

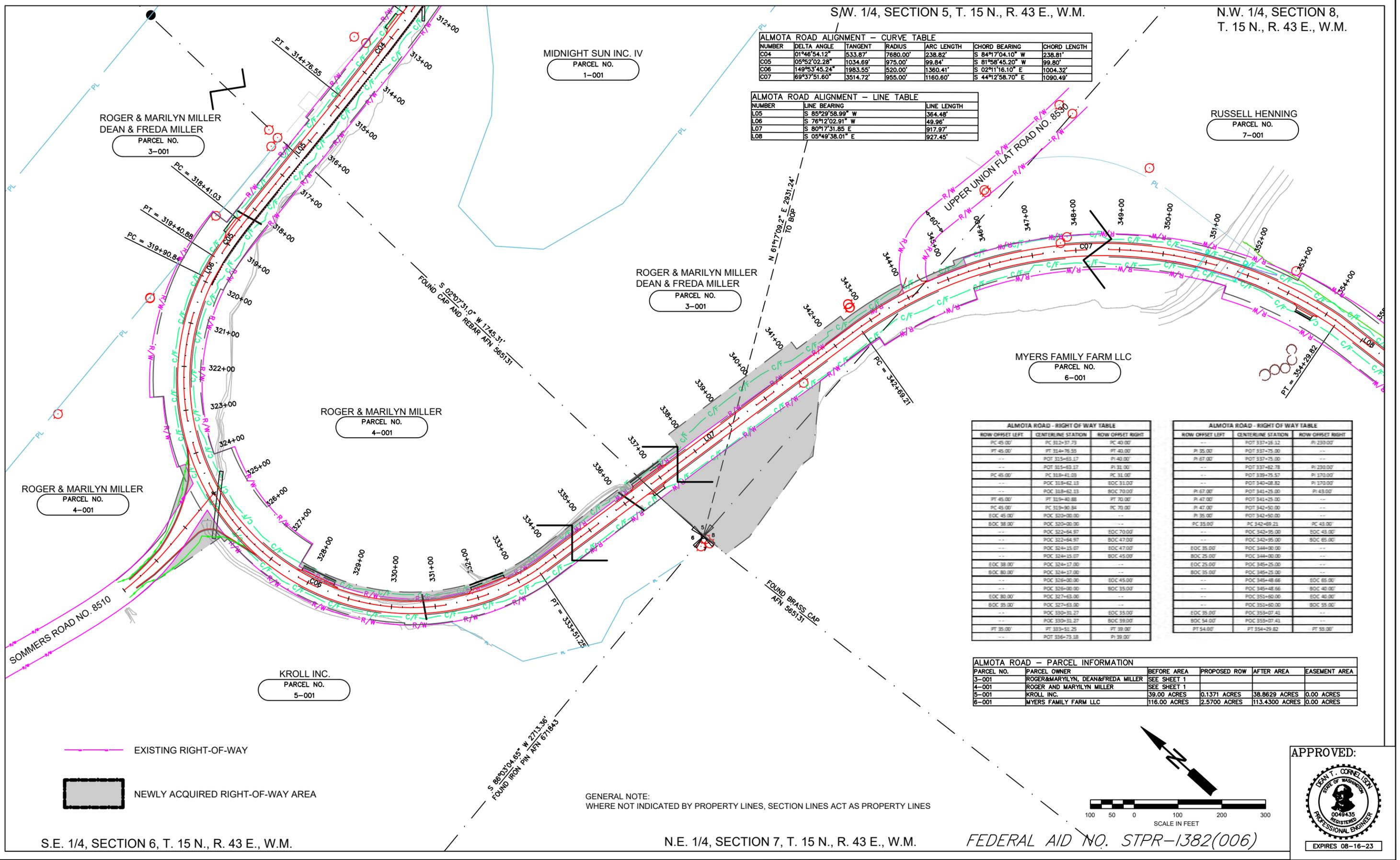
Drawn By: <u>D. CORNELISON</u> Date: <u>03/2022</u> Designed By: <u>D. CORNELISON</u> 03/2022 Checked By: <u>M. STOREY</u> 03/2022		<b>SCALE</b> HORIZONTAL: AS SHOWN VERTICAL: AS SHOWN	<b>WHITMAN COUNTY ENGINEER</b> 310 N. MAIN ST. COLFAX WA. 99111 (509) 397-6206	PLANS PREPARED UNDER THE DIRECTION OF: <b>DEAN CORNELISON, P.E.</b> COUNTY ENGINEER Date: <u>03/2022</u>	<b>COUNTY ROAD PROJECT NO. 8000-10</b> <b>RIGHT-OF-WAY PLAN</b> <b>ALMOTA ROAD</b>	<b>SHEET</b> 22 of 30
No.	Date	By	Ckd.	Appr.	Revision	

SW. 1/4, SECTION 5, T. 15 N., R. 43 E., W.M.

N.W. 1/4, SECTION 8, T. 15 N., R. 43 E., W.M.

NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C04	01°46'54.12"	533.87'	7680.00'	238.82'	S 84°17'04.10" W	238.81'
C05	05°52'02.28"	1034.69'	975.00'	99.84'	S 81°58'45.20" W	99.80'
C06	149°53'45.24"	1983.55'	520.00'	1360.41'	S 02°11'16.10" E	1004.32'
C07	69°37'51.60"	3514.72'	955.00'	1160.60'	S 44°12'58.70" E	1090.49'

NUMBER	LINE BEARING	LINE LENGTH
L05	S 85°29'58.99" W	364.48'
L06	S 76°12'02.91" W	49.96'
L07	S 80°17'31.85 E	917.97'
L08	S 05°49'38.01" E	927.45'

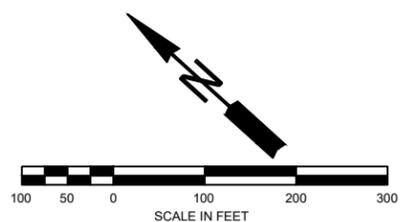


ROW OFFSET LEFT	CENTERLINE STATION	ROW OFFSET RIGHT
PC 45.00'	PC 312+37.73	PC 40.00'
PT 45.00'	PT 314+76.55	PT 40.00'
---	POT 315+63.17	PI 40.00'
---	POT 315+63.17	PI 31.00'
PC 45.00'	PC 318+41.03	PC 31.00'
---	POC 318+62.13	EOC 31.00'
---	POC 318+62.13	BOC 70.00'
PT 45.00'	PT 319+40.88	PT 70.00'
PC 45.00'	PC 319+40.88	PC 70.00'
EOC 45.00'	POC 320+00.00	---
BOC 38.00'	POC 320+00.00	---
---	POC 322+64.97	EOC 70.00'
---	POC 323+64.97	BOC 47.00'
---	POC 324+25.07	EOC 47.00'
---	POC 324+25.07	BOC 45.00'
EOC 38.00'	POC 324+27.00	---
BOC 80.00'	POC 324+27.00	---
---	POC 326+00.00	EOC 45.00'
---	POC 326+00.00	BOC 35.00'
EOC 30.00'	POC 327+63.00	---
BOC 35.00'	POC 327+63.00	---
---	POC 330+31.27	EOC 35.00'
---	POC 330+31.27	BOC 39.00'
PT 35.00'	PT 333+51.25	PT 39.00'
---	POT 336+73.18	PI 39.00'

ROW OFFSET LEFT	CENTERLINE STATION	ROW OFFSET RIGHT
---	POT 337+16.12	PI 230.00'
PI 25.00'	POT 337+75.00	---
PI 67.00'	POT 337+75.00	---
---	POT 337+82.78	PI 230.00'
---	POT 339+75.57	PI 170.00'
---	POT 340+08.82	PI 170.00'
PI 67.00'	POT 341+25.00	PI 43.00'
PI 47.00'	POT 341+25.00	---
PI 47.00'	POT 342+50.00	---
PI 35.00'	POT 342+50.00	---
PC 35.00'	PC 342+59.21	PC 43.00'
---	POC 342+59.00	EOC 43.00'
---	POC 342+59.00	BOC 65.00'
EOC 35.00'	POC 344+00.00	---
BOC 25.00'	POC 344+00.00	---
EOC 25.00'	POC 345+25.00	---
BOC 35.00'	POC 345+25.00	---
---	POC 345+48.66	EOC 65.00'
---	POC 345+48.66	BOC 40.00'
---	POC 353+60.00	EOC 40.00'
---	POC 353+60.00	BOC 55.00'
EOC 35.00'	POC 353+07.41	---
BOC 54.00'	POC 353+07.41	---
PT 54.00'	PT 354+29.82	PT 55.00'

PARCEL NO.	PARCEL OWNER	BEFORE AREA	PROPOSED ROW	AFTER AREA	EASEMENT AREA
3-001	ROGER & MARILYN, DEAN & FREDIA MILLER	SEE SHEET 1			
4-001	ROGER AND MARILYN MILLER	SEE SHEET 1			
5-001	KRÖLL INC.	39.00 ACRES	0.1371 ACRES	38.8629 ACRES	0.00 ACRES
6-001	MYERS FAMILY FARM LLC	116.00 ACRES	2.5700 ACRES	113.4300 ACRES	0.00 ACRES

GENERAL NOTE:  
WHERE NOT INDICATED BY PROPERTY LINES, SECTION LINES ACT AS PROPERTY LINES



APPROVED:  
  
EXPIRES 08-16-23

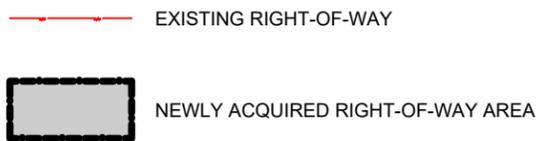
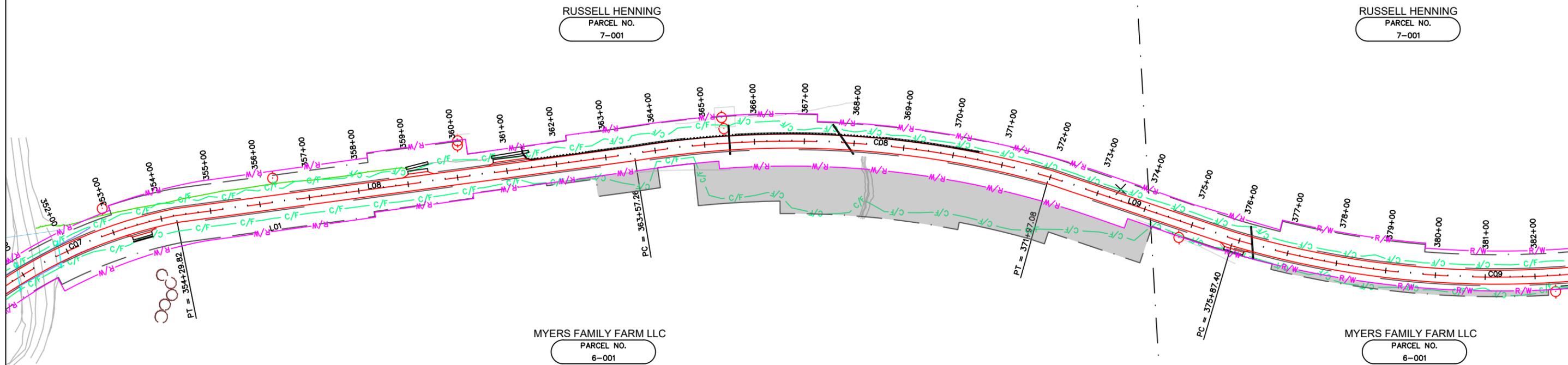
ALMOTA ROAD ALIGNMENT -- LINE TABLE		
NUMBER	LINE BEARING	LINE LENGTH
L07	S 80°17'31.85" E	917.97'
L08	S 05°49'38.01" E	927.45'
L09	S 20°27'26.96" W	390.32'

ALMOTA ROAD ALIGNMENT -- CURVE TABLE						
NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C07	69°37'51.60"	3514.72'	955.00'	1160.60'	S 44°12'58.70" E	1090.49'
C08	24°55'53.76"	2017.48'	1930.00'	839.82'	S 05°01'46.50" W	833.21'
C09	31°10'09.84"	1336.87'	1865.00'	1014.58'	S 02°43'54.60" W	1002.11'

ALMOTA ROAD -- PARCEL INFORMATION					
PARCEL NO.	PARCEL OWNER	BEFORE AREA	PROPOSED ROW	AFTER AREA	EASEMENT AREA
6-001	MYERS FAMILY FARM LLC	SEE SHEET 2			

ALMOTA ROAD - RIGHT OF WAY TABLE		
ROW OFFSET LEFT	CENTERLINE STATION	ROW OFFSET RIGHT
--	POC 351+60.00	EOC 40.00'
--	POC 351+60.00	BOC 55.00'
EOC 35.00'	POC 353+07.41	--
BOC 54.00'	POC 353+07.41	--
PT 54.00'	PT 354+29.82	PT 55.00'
--	POT 358+25.00	PI 55.00'
--	POT 358+25.00	PI 45.00'
PI 54.00'	POT 358+29.82	--
PI 72.00'	POT 358+29.82	--
--	POT 360+25.00	PI 45.00'
--	POT 360+25.00	PI 35.00'
PI 72.00'	POT 360+26.08	--
PI 44.00'	POT 360+26.08	--
--	POT 361+75.00	PI 35.00'
--	POT 361+75.00	PI 40.00'
PI 44.00'	POT 362+26.00	--
PI 54.00'	POT 362+26.00	--
--	POT 362+75.00	PI 40.00'
--	POT 362+75.00	PI 75.00'
PC 54.00'	PC 363+57.26	PC 75.00'
--	POC 364+00.00	EOC 75.00'

ALMOTA ROAD - RIGHT OF WAY TABLE		
ROW OFFSET LEFT	CENTERLINE STATION	ROW OFFSET RIGHT
--	POC 364+00.00	BOC 35.00'
--	POC 364+75.00	EOC 35.00'
--	POC 364+75.00	BOC 120.00'
--	POC 366+50.00	EOC 120.00'
--	POC 366+50.00	BOC 145.00'
EOC 54.00'	POC 367+25.00	--
BOC 39.00'	POC 367+25.00	--
--	POC 370+37.50	EOC 145.00'
--	POC 370+37.50	BOC 130.00'
PT 39.00'	PT 371+97.08	PT 130.00'
--	POT 372+31.25	PI 130.00'
--	POT 372+31.25	PI 105.00'
--	POT 374+25.00	PI 105.00'
--	POT 374+25.00	PI 28.00'
--	POT 374+25.00	PI 40.00'
PC 39.00'	PC 375+87.40	PC 28.00'
EOC 39.00'	POC 376+75.00	EOC 28.00'
BOC 60.00'	POC 376+75.00	BOC 40.00'
EOC 60.00'	POC 379+75.00	--
BOC 45.00'	POC 379+75.00	--
--	POC 382+25.00	EOC 40.00'
--	POC 382+25.00	BOC 28.00'



GENERAL NOTE:  
WHERE NOT INDICATED BY PROPERTY LINES, SECTION LINES ACT AS PROPERTY LINES

APPROVED:

EXPIRES 08-16-23

FEDERAL AID NO. STPR-1382(006)

Drawn By: <u>D. CORNELISON</u> Date: <u>03/2022</u> Designed By: <u>D. CORNELISON</u> Date: <u>03/2022</u> Checked By: <u>M. STOREY</u> Date: <u>03/2022</u>		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: DEAN CORNELISON, P.E. COUNTY ENGINEER Date: <u>03/2022</u>	COUNTY ROAD PROJECT NO. 8000-10 RIGHT-OF-WAY PLAN ALMOTA ROAD	SHEET 24 of 30
No.	Date	By	Ckd.	Appr.	Revision	

S.W. 1/4, SECTION 8, T. 15 N., R. 43 E., W.M.

ALMOTA ROAD - RIGHT OF WAY TABLE		
ROW OFFSET LEFT	CENTERLINE STATION	ROW OFFSET RIGHT
PC 39.00'	PC 375+87.40	PC 28.00'
EOC 39.00'	POC 376+75.00	EOC 28.00'
BOC 60.00'	POC 376+75.00	BOC 40.00'
EOC 60.00'	POC 379+75.00	--
BOC 45.00'	POC 379+75.00	--
--	POC 382+25.00	EOC 40.00'
--	POC 382+25.00	BOC 28.00'
PT 45.00'	PT 386+01.98	PT 28.00'
--	POT 386+27.50	PI 28.00'
--	POT 386+27.50	PI 99.00'
PI 45.00'	POT 386+77.00	--
PI 35.00'	POT 386+77.00	--
--	POT 387+75.00	PI 99.00'

ALMOTA ROAD - RIGHT OF WAY TABLE		
ROW OFFSET LEFT	CENTERLINE STATION	ROW OFFSET RIGHT
--	POT 387+75.00	PI 36.00'
PC 35.00'	PC 390+16.26	PC 36.00'
--	POC 390+26.00	EOC 36.00'
--	POC 390+26.00	BOC 80.00'
--	POC 392+25.00	EOC 80.00'
--	POC 392+25.00	BOC 28.00'
PT 35.00'	PT 394+82.16	PT 28.00'
PI 35.00'	POT 396+00.00	--
--	POT 397+35.40	PI 28.00'
--	POT 397+35.40	PI 40.90'
PI 33.00'	POT 397+77.47	--
PI 47.50'	POT 397+77.47	--
EOP 47.50'	EOP 398+00.00	EOP 40.90'

ALMOTA ROAD ALIGNMENT - LINE TABLE		
NUMBER	LINE BEARING	LINE LENGTH
L10	S 13°47'36.40" E	414.29'
L11	S 02°12'12.28" W	317.84'

ALMOTA ROAD ALIGNMENT - CURVE TABLE						
NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C09	31°10'09.84"	1336.87'	1865.00'	1014.58'	S 02°43'54.60" W	1002.11'
C10	17°23'24.72"	1169.14'	1535.00'	465.90'	S 05°56'04.80" E	464.11'

ALMOTA ROAD - PARCEL INFORMATION					
PARCEL NO.	PARCEL OWNER	BEFORE AREA	PROPOSED ROW	AFTER AREA	EASEMENT AREA
6-001	MYERS FAMILY FARM LLC	SEE SHEET 2			

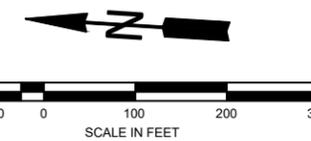
RUSSELL HENNING  
PARCEL NO.  
7-001

MYERS FAMILY FARM LLC  
PARCEL NO.  
6-001

RUSSELL HENNING  
PARCEL NO.  
7-001

EXISTING RIGHT-OF-WAY  
NEWLY ACQUIRED RIGHT-OF-WAY AREA

GENERAL NOTE:  
WHERE NOT INDICATED BY PROPERTY LINES, SECTION LINES ACT AS PROPERTY LINES



FEDERAL AID NO. STPR-1382(006)

APPROVED:

EXPIRES 08-16-23

<table border="1"> <thead> <tr> <th>No.</th> <th>Date</th> <th>By</th> <th>Ckd.</th> <th>Appr.</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>					No.	Date	By	Ckd.	Appr.																					Drawn By: D. CORNELISON Date: 03/2022 Designed By: D. CORNELISON Date: 03/2022 Checked By: M. STOREY Date: 03/2022	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: DEAN CORNELISON, P.E. COUNTY ENGINEER Date: 03/2022	COUNTY ROAD PROJECT NO. 8000-10 RIGHT-OF-WAY PLAN ALMOTA ROAD	SHEET 25 of 30
No.	Date	By	Ckd.	Appr.																															

S.E. 1/4, SECTION 6, T. 15 N., R. 43 E., W.M.

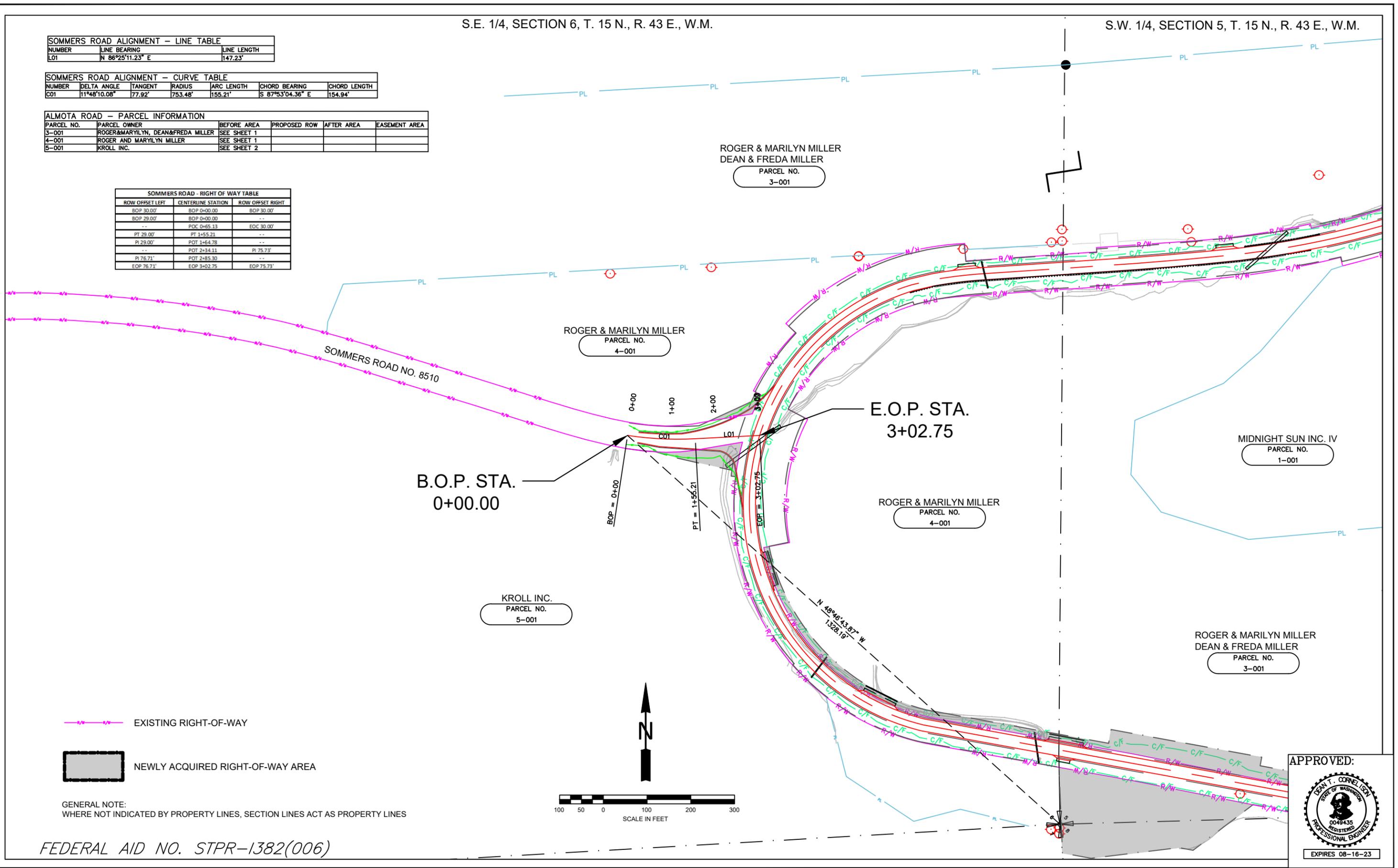
S.W. 1/4, SECTION 5, T. 15 N., R. 43 E., W.M.

SOMMERS ROAD ALIGNMENT - LINE TABLE		
NUMBER	LINE BEARING	LINE LENGTH
L01	N 86°25'11.23" E	147.23'

SOMMERS ROAD ALIGNMENT - CURVE TABLE						
NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C01	11°48'10.08"	77.92'	753.48'	155.21'	S 87°53'04.36" E	154.94'

ALMOTA ROAD - PARCEL INFORMATION					
PARCEL NO.	PARCEL OWNER	BEFORE AREA	PROPOSED ROW	AFTER AREA	EASEMENT AREA
3-001	ROGER & MARILYN, DEAN & FREDA MILLER	SEE SHEET 1			
4-001	ROGER AND MARILYN MILLER	SEE SHEET 1			
5-001	KROLL INC.	SEE SHEET 2			

SOMMERS ROAD - RIGHT OF WAY TABLE		
ROW OFFSET LEFT	CENTERLINE STATION	ROW OFFSET RIGHT
BOP 30.00'	BOP 0+00.00	BOP 30.00'
BOP 29.00'	BOP 0+00.00	---
---	POC 0+55.13	EOC 30.00'
PT 29.00'	PT 1+55.21	---
PI 29.00'	POT 1+64.78	---
---	POT 2+34.11	PI 75.73'
PI 76.71'	POT 2+85.30	---
EOP 76.71'	EOP 3+02.75	EOP 75.73'



EXISTING RIGHT-OF-WAY  
 NEWLY ACQUIRED RIGHT-OF-WAY AREA

GENERAL NOTE:  
WHERE NOT INDICATED BY PROPERTY LINES, SECTION LINES ACT AS PROPERTY LINES

FEDERAL AID NO. STPR-1382(006)

APPROVED:

Drawn By: <u>D. CORNELISON</u> Date: <u>03/2022</u> Designed By: <u>D. CORNELISON</u> Date: <u>03/2022</u> Checked By: <u>M. STOREY</u> Date: <u>03/2022</u>		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: DEAN CORNELISON, P.E. COUNTY ENGINEER Date: <u>03/2022</u>	COUNTY ROAD PROJECT NO. 8000-10 SOMMERS ROAD RIGHT-OF-WAY PLAN ALMOTA ROAD	SHEET 26 of 30
No.	Date	By	Ckd.	Appr.	Revision	

LONGITUDINAL BUFFER SPACE = B									
POSTED SPEED (MPH)	25	30	35	40	45	50	55	60	65
LENGTH B (FEET)	155	200	250	305	360	425	495	570	645

BUFFER DATA	
TYPICAL PROTECTIVE VEHICLE WITH TMA (SEE NOTE 1)	
VEHICLE TYPE	LOADED WEIGHT
4 YARD DUMP TRUCK, SERVICE TRUCK, FLAT BED, ETC	MINIMUM WEIGHT 15,000 LBS. (MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH MANUFACTURE RECOMMENDATION)
ROLL AHEAD STOPPING DISTANCE = 30 FEET MIN. (DRY PAVEMENT ASSUMED)	

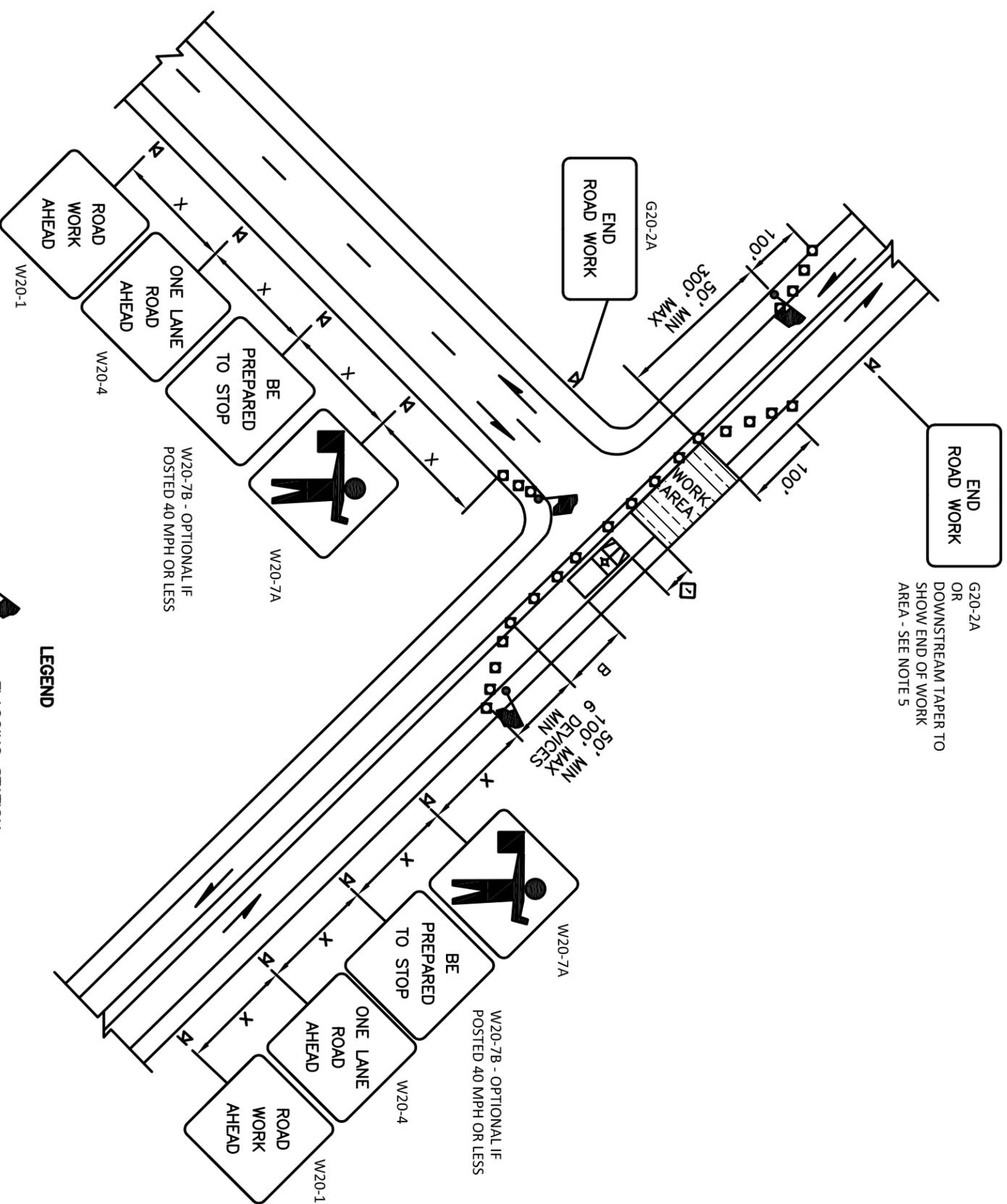
SIGN SPACING = X (1)		
RURAL HIGHWAYS	60/65 MPH	800' ±
RURAL ROADS	45/55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35/40 MPH	350' ±
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25/30 MPH	200' ± (2)
URBAN STREETS	25 MPH OR LESS	100' ± (2)

ALL SIGNS ARE BLACK ON ORANGE UNLESS DESIGNATED OTHERWISE

- (1) ALL SIGN SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERCHANGE RAMP, AT-GRADE INTERSECTIONS, AND DRIVEWAYS
- (2) THIS SIGN SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS

**NOTES**

1. A PROTECTIVE VEHICLE IS RECOMMENDED REGARDLESS IF A TRUCK MOUNTED ATTENUATOR (TMA) IS AVAILABLE; A WORK VEHICLE MAY BE USED. WHEN NO TMA IS USED, THE PROTECTIVE VEHICLE SHALL BE STRATEGICALLY LOCATED TO SHIELD WORKERS, WITH NO SPECIFIC ROLL-AHEAD DISTANCE
2. NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE WSDOT STANDARD SPECIFICATIONS FOR ADDITIONAL DETAILS
3. EXTEND CHANNELIZING DEVICE TAPER ACROSS SHOULDER – RECOMMENDED
4. SIGN SEQUENCE IS SAME FOR BOTH DIRECTIONS OF TRAVEL ON ROADWAY
5. CHANNELIZING DEVICE SPACING FOR DOWNSTREAM TAPER OPTION SHALL BE 20' O.C.
6. FOR SIGNS SIZE REFER TO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND WSDOT SIGN FABRICATION MANUAL M55-05



**LEGEND**

**FLAGGING STATION**  
**CLASS B SIGN LOCATION**  
**CHANNELIZING DEVICES**  
**PROTECTIVE VEHICLE – RECOMMENDED**

No.	Date	By	Checked	Appr.	Revision

Drawn By: **G. CONNELLEY** Date: **12/20/22**  
 Designed By: **G. CONNELLEY** Date: **12/20/22**  
 Checked By: **G. CONNELLEY** Date: **12/20/22**  
 M. STONE Date: **12/20/22**

SCALE: **AS SHOWN**  
 HORIZONTAL: **AS SHOWN**  
 VERTICAL: **AS SHOWN**

**WHITMAN COUNTY ENGINEER**  
 310 N. MAIN ST.  
 COLFAX, WA. 99111  
 (509) 387-6206

PLANS PREPARED UNDER THE  
 DIRECTION OF:  
**DEAN CORNELIUSON, P.E.**  
 COUNTY ENGINEER

COUNTY ROAD PROJECT NO. 8000-10  
**LANE CLOSURE WITH FLAGGER CONTROL**  
 ALMOTA ROAD

SHEET  
 27 OF 30

FEDERAL AID NO. STPR-1382(006)

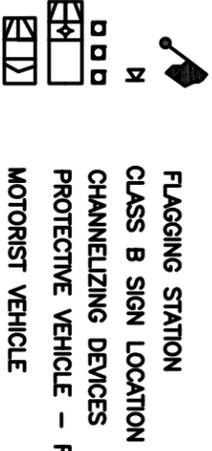
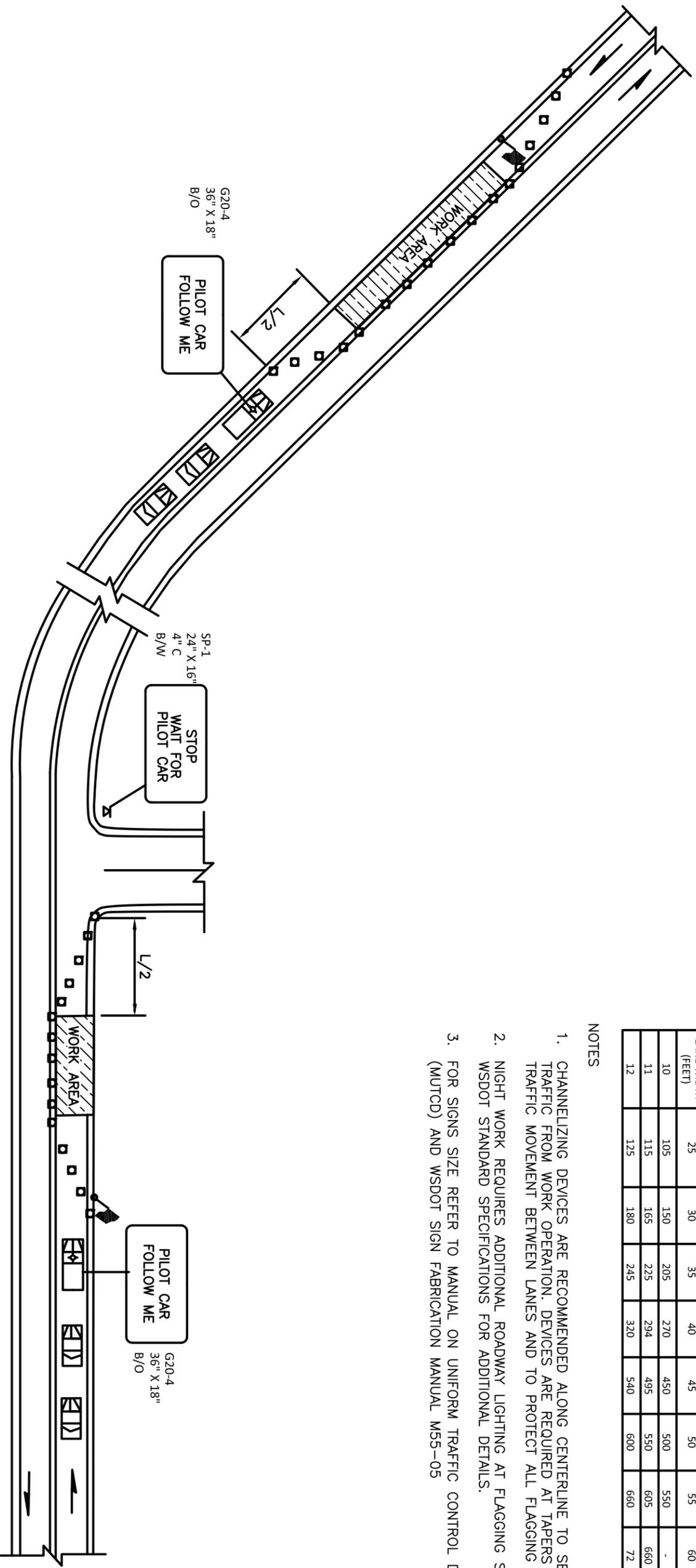
**APPROVED:**

CHANNELIZING DEVICE SPACING			
POSTED SPEED (MPH)	IN TAPER (FEET)	IN TANGENT (FEET)	
50/65	40	80	
35/45	30	60	
25/30	20	40	

MINIMUM TAPER LENGTH = L (FEET)										
		POSTED SPEED (MPH)								
LANE WIDTH (FEET)	25	30	35	40	45	50	55	60		
10	105	150	205	270	450	500	550	-		
11	115	165	225	294	495	550	605	660		
12	125	180	245	320	540	600	660	72		

NOTES

1. CHANNELIZING DEVICES ARE RECOMMENDED ALONG CENTERLINE TO SEPARATE TRAFFIC FROM WORK OPERATION. DEVICES ARE REQUIRED AT TAPERS TO SHIFT TRAFFIC MOVEMENT BETWEEN LANES AND TO PROTECT ALL FLAGGING STATIONS
2. NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE WSDOT STANDARD SPECIFICATIONS FOR ADDITIONAL DETAILS.
3. FOR SIGNS SIZE REFER TO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND WSDOT SIGN FABRICATION MANUAL M55-05



LEGEND

No.	Date	By	Chgd.	Appr.	Revision

Drawn By: D. CORNELIUSON Date: 12/20/22  
 Designed By: D. CORNELIUSON Date: 12/20/22  
 Checked By: M. STONE Date: 12/20/22

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:  
 DEAN CORNELIUSON, P.E.  
 COUNTY ENGINEER

COUNTY ROAD PROJECT NO. 8000-10  
**LANE CLOSURE WITH PILOT CAR**  
 ALMOTA ROAD

FEDERAL AID NO. STPR-1382(006)

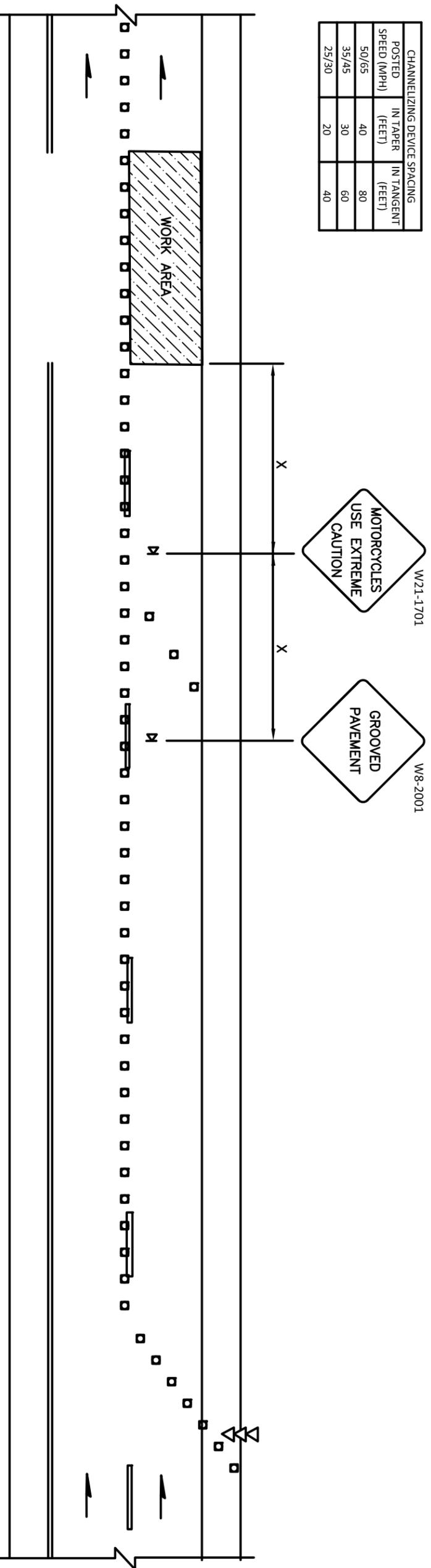


APPROVED:

SIGN SPACING = X (1)		
RURAL HIGHWAYS	60/65 MPH	800' ±
RURAL ROADS	45/55 MPH	500' ±
RURAL ROADS & URBAN ARTERIALS	35/40 MPH	350' ±
RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS	25/30 MPH	200' ± (2)
URBAN STREETS	25 MPH OR LESS	100' ± (2)

- NOTES
- MOTORCYCLES USE EXTREME CAUTION SIGNS SHALL BE INSTALLED WHEN THE FOLLOWING ROADWAY CONDITIONS EXIST:
    - GROOVED PAVEMENT
    - ABRUPT LANE EDGE
    - STEEL PLATES
    - LOOSE GRAVEL OF EARTH
  - FOR SIGNS SIZE REFER TO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND WSDOT SIGN FABRICATION MANUAL M55-05

CHANNELIZING DEVICE SPACING			
POSTED SPEED (MPH)	IN TAPER (FEET)	IN TANGENT (FEET)	
50/65	40	80	
35/45	30	60	
25/30	20	40	



- LEGEND**
- █ CLASS B SIGN LOCATION
  - CHANNELIZING DEVICES
  - ▶▶ ARROW PANEL

MOTORCYCLE WARNING SIGN (W21-1701) SHOULD BE INSTALLED AT 1 MILE SPACING, THROUGHOUT THE WORK ZONE WHERE THE CONDITION EXISTS, AS PART OF THE SEQUENCE OF OTHER APPROPRIATE STANDARD WARNING SIGNS ON 1 MILE SPACING

W21-801

W8-2001

W8-7

W21-1801

No.	Date	By	Ckd	Appr	Revision				
Drawn By: <u>D. CORNELISON</u> Date: <u>12/2022</u> Designed By: <u>D. CORNELISON</u> Date: <u>12/2022</u> Checked By: <u>M. STONE</u> Date: <u>12/2022</u>						SCALE: HORIZONTAL: <u>AS SHOWN</u> VERTICAL: <u>AS SHOWN</u>			
WHITMAN COUNTY ENGINEER 310 N. MAIN ST. COLFAX, WA. 99111 (509) 387-6206						PLANS PREPARED UNDER THE DIRECTION OF: <u>DEAN CORNELISON, P.E.</u> COUNTY ENGINEER Date: <u>12/2022</u>			
COUNTY ROAD PROJECT NO. 8000-10 <b>MOTORCYCLE SUPPLEMENTAL SIGNING</b> ALMOTA ROAD						SHEET 29 OF 30			



APPROVED:

